

# **Surgical site infection**

prevention and treatment of  
surgical site infection

**Clinical Guideline**

October 2008

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# **Surgical site infection**

prevention and treatment of  
surgical site infection

National Collaborating Centre for Women's  
and Children's Health

Commissioned by the National Institute for  
Health and Clinical Excellence

**Search strategies**

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### **Introduction**

Because many of our searches essentially served to update the searches in the previous Surgical Site Infection Consultation document, and comments made had not specifically criticised the previous searches undertaken nor the evidence that was identified, it was not felt necessary to cover the same territory twice. The Technical Team confirmed any available important work in the field, such as systematic reviews or meta analyses, and the Information Scientist conducted the searches from that study date forward. This allowed us to avoid duplicating time-consuming work, while still being up to date.

Where it was decided that the subject area was quite large and systematic reviews or randomized controlled trials had been identified previously, such as in the Antibiotic prophylaxis and the Closure methods searches, we limited the search to the last few years and by study type (systematic reviews or randomized controlled trials).

When new topics were added or where there were no systematic reviews or meta analyses available, we searched all years and aimed to avoid limiting the search by study type, where possible.

## SSI\_preop\_showering\_250907

### Ovid MEDLINE(R) 1950 to September Week 2 2007

#	Search history	Results
1	randomized controlled trial.pt.	242634
2	controlled clinical trial.pt.	76223
3	DOUBLE BLIND METHOD/	93460
4	SINGLE BLIND METHOD/	11340
5	RANDOM ALLOCATION/	59065
6	RANDOMIZED CONTROLLED TRIALS/	51000
7	or/1-6	411123
8	((single or double or triple or treble) adj5 (blind\$ or mask\$)).tw,sh.	91092
9	clinical trial.pt.	441360
10	exp CLINICAL TRIALS/	196731
11	(clinic\$ adj5 trial\$).tw,sh.	118156
12	PLACEBOS/	26623
13	placebo\$.tw,sh.	117938
14	random\$.tw,sh.	510530
15	or/8-14	858521
16	or/7,15	866771
17	META ANALYSIS/	7756
18	meta analysis.pt.	16531
19	(metaanaly\$ or meta-analy\$ or (meta adj analy\$)).tw,sh.	29478
20	(systematic\$ adj5 (review\$ or overview\$)).tw,sh.	14569
21	(methodologic\$ adj5 (review\$ or overview\$)).tw,sh.	1736
22	or/17-21	40574
23	review\$.pt.	1318878
24	(medline or medlars or embase or cinahl or cochrane or psycinfo or psychinfo or psychlit or psychlit or "web of science" or "science citation" or scisearch).tw.	26464
25	((hand or manual\$) adj2 search\$).tw.	2981
26	(electronic database\$ or bibliographic database\$ or computerized database\$ or online database\$).tw,sh.	4459
27	(pooling or pooled or mantel haenszel).tw,sh.	27096
28	(peto or dersimonian or der simonian or fixed effect).tw,sh.	1183
29	or/24-28	55265
30	23 and 29	22447
31	or/22,30	54362
32	letter.pt.	603825
33	case report.tw.	127775
34	comment.pt.	340986
35	editorial.pt.	209216
36	historical article.pt.	245161
37	or/32-36	1223698
38	16 not 37	833869
39	31 not 37	51240
40	or/38-39	860032
41	SURGICAL WOUND INFECTION/	21926

## Surgical site infection

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#	Search history	Results
42	((surger\$ or surgical\$) adj3 (infect\$ or sepsis or septic\$ or dehiscen\$)).ti,ab.	8863
43	((wound? or incision\$) adj3 (infect\$ or sepsis or septic\$ or dehiscen\$)).ti,ab.	15336
44	WOUND INFECTION/	7571
45	(SSI or SSTI).ti,ab.	1558
46	or/41-45	43668
47	Baths/	3417
48	(bath\$ or shower\$ or wash\$).ti,ab.	95799
49	or/47-48	97291
50	46 and 49	363
51	limit 50 to humans	331
52	limit 51 to english language	251
53	limit 52 to yr="2006 - 2007"	35
54	40 and 53	11

### EMBASE 1980 to 2007 Week 38

	Search history	Results
1	CLINICAL TRIALS/	474489
2	(clinic\$ adj5 trial\$).ti,ab,sh.	110885
3	SINGLE BLIND PROCEDURE/	7060
4	DOUBLE BLIND PROCEDURE/	66596
5	RANDOM ALLOCATION/	23980
6	CROSSOVER PROCEDURE/	19466
7	PLACEBO/	104378
8	placebo\$.ti,ab,sh.	153464
9	random\$.ti,ab,sh.	385619
10	RANDOMIZED CONTROLLED TRIALS/	149092
11	((single or double or triple or treble) adj (blind\$ or mask\$)).ti,ab,sh.	87138
12	randomi?ed control\$ trial\$.tw.	26862
13	or/1-12	781656
14	META ANALYSIS/	32005
15	((meta adj analy\$) or metaanalys\$ or meta-analy\$).ti,ab,sh.	39369
16	(systematic\$ adj5 (review\$ or overview\$)).ti,sh,ab.	21804
17	(methodologic\$ adj5 (review\$ or overview\$)).ti,ab,sh.	1431
18	or/14-17	53160
19	review.pt.	828772
20	(medline or medlars or embase).ab.	19088
21	(scisearch or science citation index).ab.	558
22	(psychlit or psyclit or psychinfo or psycinfo or cinahl or cochrane).ab.	5928
23	((hand or manual\$) adj2 search\$).tw.	2186
24	(electronic database\$ or bibliographic database\$ or computeri?ed database\$ or online database\$).tw.	3453
25	(pooling or pooled or mantel haenszel).tw.	22133
26	(peto or dersimonian or "der simonian" or fixed effect).tw.	668
27	or/20-26	44950
28	19 and 27	14946
29	or/18,28	61821

<b>Search history</b>	<b>Results</b>
30 case study.tw,sh.	20363
31 abstract report.tw,sh.	71201
32 note.tw,sh.	236519
33 short survey.tw,sh.	396024
34 letter.tw,sh.	381062
35 case report.tw,sh.	964243
36 editorial.tw,sh.	238004
37 or/30-36	2188647
38 13 not 37	694789
39 29 not 38	26551
40 or/38-39	721340
41 SURGICAL INFECTION/	3673
42 WOUND INFECTION/	13712
43 POSTOPERATIVE INFECTION/	13536
44 ((surger\$ or surgical\$) adj5 (infect\$ or sepsis or septic\$ or dehiscen\$)).ti,ab.	11070
45 ((wound? or incision\$) adj5 (infect\$ or sepsis or septic\$ or dehiscen\$)).ti,ab.	13249
46 (SSI or SSTI).ti,ab.	1189
47 or/41-46	41728
48 BATH/	1904
49 bath\$.ti,ab.	24168
50 shower\$.ti,ab.	999
51 wash\$.ti,ab.	54520
52 or/48-51	78976
53 47 and 52	319
54 limit 53 to yr="2006 - 2007"	50
55 limit 54 to english language	43
56 limit 55 to human	38
57 40 and 56	8

### **CINAHL - Cumulative Index to Nursing & Allied Health Literature 1982 to September Week 2 2007**

<b># Search history</b>	<b>Results</b>
1 exp CLINICAL TRIALS/	47475
2 clinical trial.pt.	22878
3 (clinic\$ adj5 trial\$.tw,sh.	12016
4 SINGLE-BLIND STUDIES/	2449
5 DOUBLE-BLIND STUDIES/	9045
6 TRIPLE-BLIND STUDIES/	36
7 ((single or double or triple or treble) adj5 (blind\$ or mask\$)).tw,sh.	6633
8 RANDOM ASSIGNMENT/	16240
9 random\$.tw.	44523
10 RANDOMIZED CONTROLLED TRIALS/	36157
11 randomi?ed control\$ trial\$.tw.	9679
12 PLACEBOS/	3774
13 placebo\$.tw.	9235
14 or/1-13	79339
15 META ANALYSIS/	5648

## Surgical site infection

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#	Search history	Results
16	((meta adj analy\$) or metaanalys\$ or meta-analy\$).tw.	3956
17	SYSTEMATIC REVIEW/	3299
18	systematic review.pt.	9530
19	(systematic\$ adj5 (review\$ or overview\$)).tw.	7498
20	LITERATURE REVIEW/	2461
21	or/15-20	18202
22	("review" or "review studies" or "review academic" or "review tutorial").ti,ab,sh,pt.	96482
23	(medline or medlars or embase or cochrane or scisearch or psycinfo or psychinfo or psychlit or psyclit or "web of science" or "science citation").tw.	8039
24	((hand or manual\$) adj2 search\$).tw.	928
25	(electronic database\$ or bibliographic database\$ or computerized database\$ or online database\$).tw.	1491
26	(pooling or pooled or mantel haenszel).tw.	2128
27	(peto or dersimonian or "der simonian" or fixed effect).tw.	363
28	or/23-27	10439
29	and/22,28	6070
30	or/21,29	19838
31	letter.pt.	46652
32	commentary.pt.	66712
33	editorial.pt.	77032
34	or/31-33	156635
35	14 not 34	70230
36	30 not 34	17133
37	or/35-36	80354
38	SURGICAL WOUND INFECTION/	1949
39	WOUND INFECTION/	1343
40	((surger\$ or surgical\$) adj3 (infect\$ or sepsis or septic\$ or dehiscen\$)).ti,ab.	998
41	((wound? or incision\$) adj3 (infect\$ or sepsis or septic\$ or dehiscen\$)).ti,ab.	1274
42	(SSI or SSTI).ti,ab.	307
43	or/38-42	4264
44	BATHS/	900
45	bath\$.ti,ab.	1481
46	shower\$.ti,ab.	268
47	wash\$.ti,ab.	6040
48	or/44-47	7976
49	43 and 48	70
50	limit 49 to english	67
51	limit 50 to yr="2006 - 2007"	17
52	37 and 51	7

## SSI\_preop\_hair\_removal\_260907

### Ovid MEDLINE(R) 1950 to September Week 2 2007

#	Search history	Results
1	randomized controlled trial.pt.	242634
2	controlled clinical trial.pt.	76223

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#	Search history	Results
3	DOUBLE BLIND METHOD/	93460
4	SINGLE BLIND METHOD/	11340
5	RANDOM ALLOCATION/	59065
6	RANDOMIZED CONTROLLED TRIALS/	51000
7	or/1-6	411123
8	((single or double or triple or treble) adj5 (blind\$ or mask\$)).tw,sh.	91092
9	clinical trial.pt.	441360
10	exp CLINICAL TRIALS/	196731
11	(clinic\$ adj5 trial\$).tw,sh.	118156
12	PLACEBOS/	26623
13	placebo\$.tw,sh.	117938
14	random\$.tw,sh.	510530
15	or/8-14	858521
16	or/7,15	866771
17	META ANALYSIS/	7756
18	meta analysis.pt.	16531
19	(metaanaly\$ or meta-analy\$ or (meta adj analy\$)).tw,sh.	29478
20	(systematic\$ adj5 (review\$ or overview\$)).tw,sh.	14569
21	(methodologic\$ adj5 (review\$ or overview\$)).tw,sh.	1736
22	or/17-21	40574
23	review\$.pt.	1318878
24	(medline or medlars or embase or cinahl or cochrane or psycinfo or psychinfo or psychlit or psyclit or "web of science" or "science citation" or scisearch).tw.	26464
25	((hand or manual\$) adj2 search\$).tw.	2981
26	(electronic database\$ or bibliographic database\$ or computerized database\$ or online database\$).tw,sh.	4459
27	(pooling or pooled or mantel haenszel).tw,sh.	27096
28	(peto or dersimonian or der simonian or fixed effect).tw,sh.	1183
29	or/24-28	55265
30	23 and 29	22447
31	or/22,30	54362
32	letter.pt.	603825
33	case report.tw.	127775
34	comment.pt.	340986
35	editorial.pt.	209216
36	historical article.pt.	245161
37	or/32-36	1223698
38	16 not 37	833869
39	31 not 37	51240
40	or/38-39	860032
41	SURGICAL WOUND INFECTION/	21926
42	WOUND INFECTION/	7571
43	INFECTION CONTROL/	13061
44	((surger\$ or surgical\$) adj5 (infect\$ or sepsis or septic\$ or dehiscen\$)).ti,ab.	13657
45	((wound? or incision\$) adj5 (infect\$ or sepsis or septic\$ or dehiscen\$)).ti,ab.	16655
46	(SSI or SSTI).ti,ab.	1558
47	or/41-46	60237

## Surgical site infection

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# Search history	Results
48 HAIR REMOVAL/	1040
49 HAIR PREPARATIONS/	838
50 (hair? adj3 remov\$.ti,ab.	580
51 (hair? adj3 clip\$.ti,ab.	96
52 shav\$.ti,ab.	2444
53 razor\$.ti,ab.	619
54 depilat\$.ti,ab.	401
55 clipp\$.ti,ab.	4941
56 (hair? adj3 (wax\$ or sugar\$ or pluck\$)).ti,ab.	239
57 (hair adj3 eliminat\$.ti,ab.	38
58 (hair? adj3 eradicat\$.ti,ab.	7
59 (hair remov\$ adj3 (cream? or solution? or product? or preparat\$)).ti,ab.	12
60 or/48-59	10257
61 47 and 60	215
62 limit 61 to humans	197
63 limit 62 to english language	169
64 limit 63 to yr="2005 - 2007"	37
65 40 and 64	9

## EMBASE 1980 to 2007 Week 38

# Search history	Results
1 CLINICAL TRIALS/	474489
2 (clinic\$ adj5 trial\$.ti,ab,sh.	110885
3 SINGLE BLIND PROCEDURE/	7060
4 DOUBLE BLIND PROCEDURE/	66596
5 RANDOM ALLOCATION/	23980
6 CROSSOVER PROCEDURE/	19466
7 PLACEBO/	104378
8 placebo\$.ti,ab,sh.	153464
9 random\$.ti,ab,sh.	385619
10 RANDOMIZED CONTROLLED TRIALS/	149092
11 ((single or double or triple or treble) adj (blind\$ or mask\$)).ti,ab,sh.	87138
12 randomi?ed control\$ trial\$.tw.	26862
13 or/1-12	781656
14 META ANALYSIS/	32005
15 ((meta adj analy\$) or metaanalys\$ or meta-analy\$.ti,ab,sh.	39369
16 (systematic\$ adj5 (review\$ or overview\$)).ti,sh,ab.	21804
17 (methodologic\$ adj5 (review\$ or overview\$)).ti,ab,sh.	1431
18 or/14-17	53160
19 review.pt.	828772
20 (medline or medlars or embase).ab.	19088
21 (scisearch or science citation index).ab.	558
22 (psychlit or psychlit or psychinfo or psycinfo or cinahl or cochrane).ab.	5928
23 ((hand or manual\$) adj2 search\$.tw.	2186
24 (electronic database\$ or bibliographic database\$ or computeri?ed database\$ or online database\$.tw.	3453

# Search history	Results
25 (pooling or pooled or mantel haenszel).tw.	22133
26 (peto or dersimonian or "der simonian" or fixed effect).tw.	668
27 or/20-26	44950
28 19 and 27	14946
29 or/18,28	61821
30 case study.tw,sh.	20363
31 abstract report.tw,sh.	71201
32 note.tw,sh.	236519
33 short survey.tw,sh.	396024
34 letter.tw,sh.	381062
35 case report.tw,sh.	964243
36 editorial.tw,sh.	238004
37 or/30-36	2188647
38 13 not 37	694789
39 29 not 38	26551
40 or/38-39	721340
41 SURGICAL INFECTION/	3673
42 POSTOPERATIVE INFECTION/	13536
43 WOUND INFECTION/	13712
44 ((surger\$ or surgical\$) adj5 (infect\$ or sepsis or septic\$ or dehiscen\$)).ti,ab.	11070
45 ((wound? or incision\$) adj5 (infect\$ or sepsis or septic\$ or dehiscen\$)).ti,ab.	13249
46 INFECTION CONTROL/	22853
47 (SSI or SSTI).ti,ab.	1189
48 or/41-47	63669
49 (hair? adj5 remov\$).ti,ab.	645
50 (hair? adj3 clip\$).ti,ab.	63
51 clipp\$.ti,ab.	4498
52 shav\$.ti,ab.	2007
53 razor\$.ti,ab.	452
54 depilat\$.ti,ab.	341
55 (hair? adj3 (wax\$ or sugar\$ or pluck\$)).ti,ab.	209
56 (hair adj3 eliminat\$).ti,ab.	39
57 (hair? adj3 eradicat\$).ti,ab.	9
58 (hair remov\$ adj3 (cream? or solution? or product? or preparat\$)).ti,ab.	9
59 or/49-58	7930
60 48 and 59	150
61 limit 60 to human	127
62 limit 61 to english language	106
63 limit 62 to yr="2005 - 2007"	33
64 40 and 63	8

### CINAHL - Cumulative Index to Nursing & Allied Health Literature 1982 to September Week 3 2007

# Search history	Results
1 exp CLINICAL TRIALS/	47671
2 clinical trial.pt.	22921
3 (clinic\$ adj5 trial\$).tw,sh.	12077

## Surgical site infection

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#	Search history	Results
4	SINGLE-BLIND STUDIES/	2458
5	DOUBLE-BLIND STUDIES/	9058
6	TRIPLE-BLIND STUDIES/	36
7	((single or double or triple or treble) adj5 (blind\$ or mask\$)).tw,sh.	6652
8	RANDOM ASSIGNMENT/	16270
9	random\$.tw.	44740
10	RANDOMIZED CONTROLLED TRIALS/	36335
11	randomi?ed control\$ trial\$.tw.	9783
12	PLACEBOS/	3789
13	placebo\$.tw.	9289
14	or/1-13	79641
15	META ANALYSIS/	5690
16	((meta adj analy\$) or metaanalys\$ or meta-analy\$).tw.	3994
17	SYSTEMATIC REVIEW/	3311
18	systematic review.pt.	9664
19	(systematic\$ adj5 (review\$ or overview\$)).tw.	7633
20	LITERATURE REVIEW/	2464
21	or/15-20	18360
22	("review" or "review studies" or "review academic" or "review tutorial").ti,ab,sh,pt.	96847
23	(medline or medlars or embase or cochrane or scisearch or psycinfo or psychinfo or psychlit or psyclit or "web of science" or "science citation").tw.	8172
24	((hand or manual\$) adj2 search\$).tw.	932
25	(electronic database\$ or bibliographic database\$ or computeri?ed database\$ or online database\$).tw.	1501
26	(pooling or pooled or mantel haenszel).tw.	2157
27	(peto or dersimonian or "der simonian" or fixed effect).tw.	375
28	or/23-27	10578
29	and/22,28	6153
30	or/21,29	20002
31	letter.pt.	46810
32	commentary.pt.	66895
33	editorial.pt.	77190
34	or/31-33	157027
35	14 not 34	70507
36	30 not 34	17288
37	or/35-36	80664
38	SURGICAL WOUND INFECTION/	1955
39	WOUND INFECTION/	1347
40	INFECTION CONTROL/	9906
41	((surger\$ or surgical\$) adj5 (infect\$ or sepsis or septic\$ or dehiscen\$)).ti,ab.	1276
42	((wound? or incision\$) adj5 (infect\$ or sepsis or septic\$ or dehiscen\$)).ti,ab.	1435
43	(SSI or SSTI).ti,ab.	308
44	POSTOPERATIVE COMPLICATIONS/	8279
45	or/38-44	21686
46	HAIR REMOVAL/	141
47	HAIR PREPARATIONS/	140
48	(hair? adj3 remov\$).ti,ab.	63

#	Search history	Results
49	(hair? adj3 clip\$).ti,ab.	10
50	shav\$.ti,ab.	145
51	razor\$.ti,ab.	44
52	depilat\$.ti,ab.	9
53	clipp\$.ti,ab.	146
54	(hair? adj3 (wax\$ or sugar\$ or pluck\$)).ti,ab.	4
55	(hair adj3 eliminat\$).ti,ab.	1
56	(hair? adj3 eradicat\$).ti,ab.	0
57	(hair remov\$ adj3 (cream? or solution? or product? or preparat\$)).ti,ab.	3
58	or/46-57	583
59	45 and 58	66
60	limit 59 to english	65
61	limit 60 to yr="2005 - 2007"	20
62	37 and 61	4

## SSI\_patient\_gowns\_260907

### Ovid MEDLINE(R) 1950 to September Week 3 2007

#	Search history	Results
1	SURGICAL WOUND INFECTION/	21952
2	WOUND INFECTION/	7574
3	INFECTION CONTROL/	13116
4	((surger\$ or surgical\$) adj5 (infect\$ or sepsis or septic\$ or dehiscen\$)).ti,ab.	13682
5	((wound? or incision\$) adj5 (infect\$ or sepsis or septic\$ or dehiscen\$)).ti,ab.	16678
6	(SSI or SSTI).ti,ab.	1571
7	POSTOPERATIVE COMPLICATIONS/pc	25644
8	or/1-7	84191
9	CLOTHING/	5503
10	gown\$.ti,ab.	658
11	pyjama\$.ti,ab.	19
12	nightgown\$.ti,ab.	5
13	(patient\$ adj5 (clothe? or clothing)).ti,ab.	179
14	(patient\$ adj5 dress).ti,ab.	42
15	(patient\$ adj3 hat?).ti,ab.	129
16	"Bedding and Linens"/	2832
17	OPERATING ROOMS/	8125
18	operating room\$.ti,ab.	10901
19	operating theater\$.ti,ab.	436
20	operating theatre\$.ti,ab.	1874
21	surg\$ suite\$.ti,ab.	285
22	surg\$ theatre\$.ti,ab.	38
23	surg\$ theater\$.ti,ab.	31
24	or/9-16	9024
25	or/17-23	18027
26	8 and 24	428

## Surgical site infection

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#	Search history	Results
27	25 and 26	108
28	limit 27 to humans	105
29	limit 28 to english language	93
30	comment.pt.	341569
31	editorial.pt.	209550
32	historical article.pt.	245286
33	letter.pt.	604447
34	or/30-33	1099676
35	29 not 34	91

### EMBASE 1980 to 2007 Week 38

#	Search history	Results
1	SURGICAL INFECTION/	3673
2	WOUND INFECTION/	13712
3	POSTOPERATIVE INFECTION/	13536
4	Postoperative Complication/	90413
5	((surger\$ or surgical\$) adj5 (infect\$ or sepsis or septic\$ or dehiscen\$)).ti,ab.	11070
6	((wound? or incision\$) adj5 (infect\$ or sepsis or septic\$ or dehiscen\$)).ti,ab.	13249
7	(SSI or SSTI).ti,ab.	1189
8	or/1-7	124764
9	CLOTHING/	2245
10	gown\$.ti,ab.	423
11	pyjama\$.ti,ab.	10
12	nightgown\$.ti,ab.	2
13	(patient\$ adj5 (clothe? or clothing)).ti,ab.	125
14	(patient\$ adj5 dress).ti,ab.	42
15	(patient\$ adj3 hat?).ti,ab.	115
16	OPERATING ROOM/	5419
17	operating room\$.ti,ab.	8039
18	operating theater\$.ti,ab.	444
19	operating theatre\$.ti,ab.	1375
20	surg\$ suite\$.ti,ab.	169
21	surg\$ theatre\$.ti,ab.	27
22	surg\$ theater\$.ti,ab.	28
23	or/9-15	2865
24	or/16-22	11995
25	8 and 23	90
26	24 and 25	27
27	limit 26 to human	20
28	limit 27 to english language	18

### CINAHL - Cumulative Index to Nursing & Allied Health Literature 1982 to September Week 3 2007

#	Search history	Results
1	SURGICAL WOUND INFECTION/	1955
2	WOUND INFECTION/	1347

#	Search history	Results
3	INFECTION CONTROL/	9906
4	((surger\$ or surgical\$) adj5 (infect\$ or sepsis or septic\$ or dehiscen\$)).ti,ab.	1276
5	((wound? or incision\$) adj5 (infect\$ or sepsis or septic\$ or dehiscen\$)).ti,ab.	1435
6	(SSI or SSTI).ti,ab.	308
7	POSTOPERATIVE COMPLICATIONS/	8279
8	or/1-7	21686
9	CLOTHING/	934
10	gown\$.ti,ab.	238
11	pyjama\$.ti,ab.	11
12	nightgown\$.ti,ab.	1
13	(patient\$ adj5 (clothe? or clothing)).ti,ab.	38
14	(patient\$ adj5 dress).ti,ab.	12
15	(patient\$ adj3 hat?).ti,ab.	6
16	"Bedding and Linens"/	401
17	or/9-16	1581
18	OPERATING ROOMS/	3199
19	operating room\$.ti,ab.	1649
20	operating theater\$.ti,ab.	32
21	operating theatre\$.ti,ab.	340
22	surg\$ suite\$.ti,ab.	61
23	surg\$ theatre\$.ti,ab.	11
24	surg\$ theater\$.ti,ab.	0
25	or/18-24	4685
26	8 and 17	156
27	25 and 26	25
28	limit 27 to english	24

## SSI\_timing\_showers\_270907

### Ovid MEDLINE(R) 1950 to September Week 3 2007

#	Search history	Results
1	SURGICAL WOUND INFECTION/	21952
2	((surger\$ or surgical\$) adj3 (infect\$ or sepsis or septic\$ or dehiscen\$)).ti,ab.	8883
3	((wound? or incision\$) adj3 (infect\$ or sepsis or septic\$ or dehiscen\$)).ti,ab.	15359
4	WOUND INFECTION/	7574
5	(SSI or SSTI).ti,ab.	1571
6	POSTOPERATIVE COMPLICATIONS/	225902
7	or/1-6	261026
8	BATHS/	3419
9	(bath\$ adj5 (schedul\$ or time\$ or timing? or when or number?)).ti,ab.	1575
10	(shower\$ adj5 (schedul\$ or time\$ or timing? or when or number?)).ti,ab.	67
11	(wash\$ adj5 (schedul\$ or time\$ or timing? or when or number?)).ti,ab.	3240
12	8 and (schedul\$ or time\$ or timing? or when or number?).ti,ab.	426
13	or/9-12	5185
14	7 and 13	42

## Surgical site infection

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#	Search history	Results
15	letter.pt.	604447
16	editorial.pt.	209550
17	historical article.pt.	245286
18	or/15-17	1049408
19	14 not 18	42
20	limit 19 to humans	38
21	limit 20 to english language	36

### EMBASE 1980 to 2007 Week 38

#	Search history	Results
1	SURGICAL INFECTION/	3673
2	POSTOPERATIVE INFECTION/	13536
3	WOUND INFECTION/	13712
4	POSTOPERATIVE COMPLICATION/	90413
5	(SSI or SSTI).ti,ab.	1189
6	((surger\$ or surgical\$) adj3 (infect\$ or sepsis or septic\$ or dehiscen\$)).ti,ab.	6908
7	((wound? or incision\$) adj3 (infect\$ or sepsis or septic\$ or dehiscen\$)).ti,ab.	12197
8	or/1-7	121319
9	BATH/	1904
10	(bath\$ adj5 (schedul\$ or time\$ or timing? or when or number?)).ti,ab.	1339
11	(shower\$ adj5 (schedul\$ or time\$ or timing? or when or number?)).ti,ab.	53
12	(wash\$ adj5 (schedul\$ or time\$ or timing? or when or number?)).ti,ab.	2659
13	9 and (schedul\$ or time\$ or timing? or when or number?).ti,ab.	653
14	or/10-13	4574
15	8 and 14	25
16	limit 15 to human	19
17	limit 16 to english language	17

### CINAHL - Cumulative Index to Nursing & Allied Health Literature 1982 to September Week 3 2007

#	Search history	Results
1	SURGICAL WOUND INFECTION/	1955
2	((surger\$ or surgical\$) adj3 (infect\$ or sepsis or septic\$ or dehiscen\$)).ti,ab.	1000
3	((wound? or incision\$) adj3 (infect\$ or sepsis or septic\$ or dehiscen\$)).ti,ab.	1278
4	WOUND INFECTION/	1347
5	(SSI or SSTI).ti,ab.	308
6	POSTOPERATIVE COMPLICATIONS/	8279
7	or/1-6	12151
8	BATHS/	901
9	(bath\$ adj5 (schedul\$ or time\$ or timing? or when or number?)).ti,ab.	70
10	(shower\$ adj5 (schedul\$ or time\$ or timing? or when or number?)).ti,ab.	15
11	(wash\$ adj5 (schedul\$ or time\$ or timing? or when or number?)).ti,ab.	103
12	8 and (schedul\$ or time\$ or timing? or when or number?).ti,ab.	138
13	or/9-12	274
14	7 and 13	5
15	limit 14 to english	5

**SSI\_timing\_hair\_removal\_270907****Ovid MEDLINE(R) 1950 to September Week 3 2007**

#	Search history	Results
1	SURGICAL WOUND INFECTION/	21952
2	WOUND INFECTION/	7574
3	INFECTION CONTROL/	13116
4	((surger\$ or surgical\$) adj5 (infect\$ or sepsis or septic\$ or dehiscen\$)).ti,ab.	13682
5	((wound? or incision\$) adj5 (infect\$ or sepsis or septic\$ or dehiscen\$)).ti,ab.	16678
6	(SSI or SSTI).ti,ab.	1571
7	or/1-6	60347
8	HAIR REMOVAL/	1042
9	HAIR PREPARATIONS/	838
10	(hair? adj3 remov\$).ti,ab.	582
11	(hair? adj3 clip\$).ti,ab.	96
12	shav\$.ti,ab.	2448
13	razor\$.ti,ab.	619
14	depilat\$.ti,ab.	402
15	clipp\$.ti,ab.	4948
16	(hair? adj3 (wax\$ or sugar\$ or pluck\$)).ti,ab.	240
17	(hair adj3 eliminat\$).ti,ab.	38
18	(hair? adj3 eradicat\$).ti,ab.	7
19	(hair remov\$ adj3 (cream? or solution? or product? or preparat\$)).ti,ab.	12
20	or/8-19	10273
21	7 and 20	215
22	(time\$ or timing or schedul\$ or when or number?).ti,ab.	3114464
23	21 and 22	76
24	letter.pt.	604447
25	editorial.pt.	209550
26	historical article.pt.	245286
27	or/24-26	1049408
28	23 not 27	76
29	limit 28 to humans	67
30	limit 29 to english language	55

**EMBASE 1980 to 2007 Week 38**

#	Search history	Results
1	SURGICAL INFECTION/	3673
2	POSTOPERATIVE INFECTION/	13536
3	WOUND INFECTION/	13712
4	POSTOPERATIVE COMPLICATION/	90413
5	(SSI or SSTI).ti,ab.	1189
6	((surger\$ or surgical\$) adj3 (infect\$ or sepsis or septic\$ or dehiscen\$)).ti,ab.	6908
7	((wound? or incision\$) adj3 (infect\$ or sepsis or septic\$ or dehiscen\$)).ti,ab.	12197
8	or/1-7	121319
9	HAIR REMOVAL/	6010
10	HAIR PREPARATIONS/	5533

## Surgical site infection

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#	Search history	Results
11	(hair? adj3 remov\$).ti,ab.	573
12	(hair? adj3 clip\$).ti,ab.	63
13	razor\$.ti,ab.	452
14	depilat\$.ti,ab.	341
15	(hair? adj3 (wax\$ or sugar\$ or pluck\$)).ti,ab.	209
16	(hair adj3 eliminat\$).ti,ab.	39
17	(hair? adj3 eradicat\$).ti,ab.	9
18	(hair remov\$ adj3 (cream? or solution? or product? or preparat\$)).ti,ab.	9
19	(shav\$ adj5 (time\$ or timing or schedul\$ or when)).ti,ab.	65
20	(clipp\$ adj5 (time\$ or timing or schedul\$ or when)).ti,ab.	166
21	or/9-18	12636
22	21 and (time\$ or timing or schedul\$ or when).ti,ab.	2331
23	or/19-20,22	2551
24	8 and 23	256
25	limit 24 to human	251
26	limit 25 to english language	218
27	abstract report.tw,sh.	71201
28	note.tw,sh.	236519
29	letter.tw,sh.	381062
30	editorial.tw,sh.	238004
31	or/27-30	919389
32	26 not 31	216

## CINAHL - Cumulative Index to Nursing & Allied Health Literature 1982 to September Week 3 2007

#	Search history	Results
1	SURGICAL WOUND INFECTION/	1955
2	WOUND INFECTION/	1347
3	INFECTION CONTROL/	9906
4	((surger\$ or surgical\$) adj5 (infect\$ or sepsis or septic\$ or dehiscen\$)).ti,ab.	1276
5	((wound? or incision\$) adj5 (infect\$ or sepsis or septic\$ or dehiscen\$)).ti,ab.	1435
6	(SSI or SSTI).ti,ab.	308
7	POSTOPERATIVE COMPLICATIONS/	8279
8	or/1-7	21686
9	HAIR REMOVAL/	141
10	HAIR PREPARATIONS/	140
11	(hair? adj3 remov\$).ti,ab.	63
12	(hair? adj3 clip\$).ti,ab.	10
13	shav\$.ti,ab.	145
14	razor\$.ti,ab.	44
15	depilat\$.ti,ab.	9
16	clipp\$.ti,ab.	146
17	(hair? adj3 (wax\$ or sugar\$ or pluck\$)).ti,ab.	4
18	(hair adj3 eliminat\$).ti,ab.	1
19	(hair? adj3 eradicat\$).ti,ab.	0
20	(hair remov\$ adj3 (cream? or solution? or product? or preparat\$)).ti,ab.	3
21	or/9-20	583

#	Search history	Results
22	8 and 21	66
23	(time\$ or timing or schedul\$ or when).ti,ab.	158812
24	22 and 23	14
25	limit 24 to english	14

## SSI\_nonsterile\_theatrewear\_011007

### Ovid MEDLINE(R) 1950 to September Week 3 2007

#	Search history	Results
1	SURGICAL WOUND INFECTION/	21952
2	WOUND INFECTION/	7574
3	INFECTION CONTROL/	13116
4	POSTOPERATIVE COMPLICATIONS/	225902
5	((surger\$ or surgical\$) adj5 (infect\$ or sepsis or septic\$ or dehiscen\$)).ti,ab.	13682
6	((wound? or incision\$) adj5 (infect\$ or sepsis or septic\$ or dehiscen\$)).ti,ab.	16678
7	(SSI or SSTI).ti,ab.	1571
8	or/1-7	276461
9	CLOTHING/	5503
10	PROTECTIVE CLOTHING/	3616
11	MASKS/	2614
12	SHOES/	3559
13	(head?wear or head?gear or hat? or cap or caps or helmet? or visor?).ti,ab.	27274
14	(shoe? or spats or over?shoe? or foot?wear or sock?).ti,ab.	4775
15	attire?.ti,ab.	183
16	(clothe? or clothing).ti,ab.	5172
17	scrubs.ti,ab.	141
18	apparel.ti,ab.	168
19	uniform?.ti,ab.	37325
20	(suit or suits).ti,ab.	4934
21	gown?.ti,ab.	621
22	(jacket? or coat?).ti,ab.	18713
23	apron?.ti,ab.	358
24	hood?.ti,ab.	1330
25	(head adj cover\$).ti,ab.	156
26	mask?.ti,ab.	14495
27	or/9-26	121284
28	(steril\$ or non?sterile).ti,ab.	45110
29	STERILIZATION/	14206
30	DISINFECTION/	6960
31	disinfect\$.ti,ab.	11777
32	contaminat\$.ti,ab.	75275
33	un?sterile.ti,ab.	135
34	disposable.ti,ab.	5976
35	or/28-34	139301
36	(anaesthetist? or anesthesiologist?).ti,ab.	9328

## Surgical site infection

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#	Search history	Results
37	(operating room? or theat\$ or surg\$).ti,ab.	876132
38	scrub team?.ti,ab.	5
39	(hospital adj3 (staff or personnel or team)).ti,ab.	6071
40	MEDICAL STAFF, HOSPITAL/	16524
41	NURSING STAFF, HOSPITAL/	29819
42	or/36-41	927388
43	and/8,27,35,42	184
44	limit 43 to humans	178
45	limit 44 to english language	151
46	letter.pt.	604447
47	comment.pt.	341569
48	editorial.pt.	209550
49	historical article.pt.	245286
50	or/46-49	1099676
51	45 not 50	147

### EMBASE 1980 to 2007 Week 38

#	Search history	Results
1	SURGICAL INFECTION/	3673
2	POSTOPERATIVE INFECTION/	13536
3	WOUND INFECTION/	13712
4	POSTOPERATIVE COMPLICATION/	90413
5	((surger\$ or surgical\$) adj5 (infect\$ or sepsis or septic\$ or dehiscen\$)).ti,ab.	11070
6	((wound? or incision\$) adj5 (infect\$ or sepsis or septic\$ or dehiscen\$)).ti,ab.	13249
7	(SSI or SSTI).ti,ab.	1189
8	or/1-7	124764
9	CLOTHING/	2245
10	PROTECTIVE CLOTHING/	3538
11	MASK/	600
12	SHOE/	2453
13	(head?wear or head?gear or hat? or cap or caps or helmet? or visor?).ti,ab.	21600
14	(shoe? or spats or over?shoe? or foot?wear or sock?).ti,ab.	4143
15	hood?.ti,ab.	1167
16	(head adj cover\$).ti,ab.	124
17	attire?.ti,ab.	123
18	(clothe? or clothing).ti,ab.	4143
19	scrubs.ti,ab.	62
20	apparel.ti,ab.	108
21	uniform?.ti,ab.	31999
22	(suit or suits).ti,ab.	3080
23	gown?.ti,ab.	394
24	(jacket? or coat?).ti,ab.	13077
25	apron?.ti,ab.	249
26	mask?.ti,ab.	12479
27	or/9-26	95129
28	INSTRUMENT STERILIZATION/	4843

#	Search history	Results
29	DISINFECTION/	8232
30	(steril\$ or non?sterile).ti,ab.	29197
31	disinfect\$.ti,ab.	8681
32	contaminat\$.ti,ab.	67865
33	un?sterile.ti,ab.	114
34	disposable.ti,ab.	4719
35	or/28-34	109835
36	(anaesthetist? or anesthesiologist?).ti,ab.	9593
37	(operating room? or theat\$ or surg\$).ti,ab.	660476
38	(hospital adj3 (staff or personnel or team)).ti,ab.	3748
39	NURSING STAFF/	2646
40	MEDICAL STAFF/	6989
41	scrub team?.ti,ab.	3
42	or/36-41	676747
43	and/8,27,35,42	88
44	limit 43 to human	62
45	limit 44 to english language	55

#### CINAHL - Cumulative Index to Nursing & Allied Health Literature 1982 to September Week 3 2007

#	Search history	Results
1	SURGICAL WOUND INFECTION/	1955
2	WOUND INFECTION/	1347
3	INFECTION CONTROL/	9906
4	POSTOPERATIVE COMPLICATIONS/	8279
5	((surger\$ or surgical\$) adj5 (infect\$ or sepsis or septic\$ or dehiscen\$)).ti,ab.	1276
6	((wound? or incision\$) adj5 (infect\$ or sepsis or septic\$ or dehiscen\$)).ti,ab.	1435
7	(SSI or SSTI).ti,ab.	308
8	or/1-7	21686
9	CLOTHING/	934
10	PROTECTIVE CLOTHING/	1316
11	MASKS/	309
12	SHOES/	1049
13	(head?wear or head?gear or hat? or cap or caps or helmet? or visor?).ti,ab.	2042
14	hood?.ti,ab.	179
15	(head adj cover\$).ti,ab.	26
16	(shoe? or spats or over?shoe? or foot?wear or sock?).ti,ab.	1427
17	attire?.ti,ab.	87
18	(clothe? or clothing).ti,ab.	753
19	scrubs.ti,ab.	90
20	apparel.ti,ab.	81
21	uniform?.ti,ab.	1575
22	(suit or suits).ti,ab.	1251
23	gown?.ti,ab.	223
24	(jacket? or coat?).ti,ab.	369
25	apron?.ti,ab.	45
26	mask?.ti,ab.	1232

## Surgical site infection

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#	Search history	Results
27	or/9-26	11237
28	(steril\$ or non?sterile).ti,ab.	2133
29	disinfect\$.ti,ab.	1184
30	contaminat\$.ti,ab.	2812
31	un?sterile.ti,ab.	11
32	disposable.ti,ab.	557
33	"STERILIZATION AND DISINFECTION"/	2925
34	or/28-33	7421
35	MEDICAL STAFF, HOSPITAL/	388
36	NURSING STAFF, HOSPITAL/	7527
37	(anaesthetist? or anesthesiologist?).ti,ab.	803

## SSI\_preop\_showers\_economics\_021007

### Ovid MEDLINE(R) 1950 to September Week 3 2007

#	Search history	Results
1	ECONOMICS/	25131
2	"COSTS AND COST ANALYSIS"/	36101
3	COST ALLOCATION/	1825
4	COST-BENEFIT ANALYSIS/	41163
5	COST CONTROL/	17440
6	COST SAVINGS/	5812
7	COST OF ILLNESS/	9588
8	COST SHARING/	1310
9	HEALTH CARE COSTS/	15708
10	DIRECT SERVICE COSTS/	816
11	DRUG COSTS/	8214
12	EMPLOYER HEALTH COSTS/	974
13	HOSPITAL COSTS/	5345
14	HEALTH RESOURCES/	5990
15	"HEALTH SERVICES NEEDS AND DEMAND"/	27132
16	HEALTH PRIORITIES/	6409
17	HEALTH EXPENDITURES/	9649
18	CAPITAL EXPENDITURES/	1806
19	FINANCIAL MANAGEMENT/	14222
20	FINANCIAL MANAGEMENT, HOSPITAL/	6738
21	QUALITY-ADJUSTED LIFE YEARS/	3078
22	"DEDUCTIBLES AND COINSURANCE"/	1139
23	MEDICAL SAVINGS ACCOUNTS/	363
24	ECONOMICS, HOSPITAL/	8323
25	ECONOMICS, MEDICAL/	6868
26	ECONOMICS, NURSING/	3748
27	ECONOMICS, PHARMACEUTICAL/	1832
28	MODELS, ECONOMIC/	2889
29	MODELS, ECONOMETRIC/	2534

#	Search history	Results
30	RESOURCE ALLOCATION/	5759
31	HEALTH CARE RATIONING/	8695
32	"FEES AND CHARGES"/	7228
33	BUDGETS/	7946
34	VALUE OF LIFE/	4893
35	(financ\$ or fiscal\$ or funding).tw.	50738
36	(QALY\$ or life?year\$).tw.	1787
37	(econom\$ or cost\$).tw.	263903
38	pharmacoeconomic\$.tw.	1783
39	ec.fs.	232387
40	or/1-39	534023
41	SURGICAL WOUND INFECTION/	21952
42	((surger\$ or surgical\$) adj3 (infect\$ or sepsis or septic\$ or dehiscen\$)).ti,ab.	8883
43	((wound? or incision\$) adj3 (infect\$ or sepsis or septic\$ or dehiscen\$)).ti,ab.	15359
44	WOUND INFECTION/	7574
45	(SSI or SSTI).ti,ab.	1571
46	INFECTION CONTROL/	13116
47	POSTOPERATIVE COMPLICATIONS/	225902
48	or/41-47	272943
49	BATHS/	3419
50	bath\$.ti,ab.	28868
51	wash\$.ti,ab.	67136
52	shower\$.ti,ab.	1148
53	DETERGENT/	13904
54	soap\$.ti,ab.	2397
55	detergent\$.ti,ab.	28696
56	or/49-55	132985
57	and/48,56	1393
58	and/40,57	107
59	limit 58 to humans	104
60	limit 59 to english language	87

### EMBASE 1980 to 2007 Week 39

#	Search history	Results
1	ECONOMICS/	5399
2	HEALTH ECONOMICS/	9522
3	ECONOMIC EVALUATION/	3815
4	COST BENEFIT ANALYSIS/	27100
5	COST CONTROL/	15668
6	COST EFFECTIVENESS ANALYSIS/	50868
7	COST MINIMIZATION ANALYSIS/	1220
8	COST OF ILLNESS/	4117
9	COST UTILITY ANALYSIS/	2051
10	COST/	19461
11	HEALTH CARE COST/	54978
12	DRUG COST/	30923

## Surgical site infection

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#	Search history	Results
13	HEALTH CARE FINANCING/	8782
14	HOSPITAL COST/	5907
15	SOCIOECONOMICS/	27794
16	ECONOMIC ASPECT/	68264
17	QUALITY-ADJUSTED LIFE YEARS/	3235
18	FINANCIAL MANAGEMENT/	21258
19	PHARMACOECONOMICS/	894
20	RESOURCE ALLOCATION/	6898
21	(financ\$ or fiscal\$ or funding).tw.	35963
22	(QALY\$ or life?year\$).tw.	1729
23	(econom\$ or cost\$).tw.	214943
24	pharmacoeconomic\$.tw.	2409
25	or/1-24	384487
26	SURGICAL INFECTION/	3681
27	POSTOPERATIVE INFECTION/	13553
28	WOUND INFECTION/	13723
29	POSTOPERATIVE COMPLICATION/	90521
30	((surger\$ or surgical\$) adj3 (infect\$ or sepsis or septic\$ or dehiscen\$)).ti,ab.	6913
31	((wound? or incision\$) adj3 (infect\$ or sepsis or septic\$ or dehiscen\$)).ti,ab.	12207
32	(SSI or SSTI).ti,ab.	1191
33	or/26-32	121457
34	BATH/	1906
35	bath\$.ti,ab.	24187
36	wash\$.ti,ab.	54549
37	shower\$.ti,ab.	1002
38	soap\$.ti,ab.	1742
39	detergent\$.ti,ab.	20800
40	SOAP/	1069
41	DETERGENT/	5901
42	or/34-41	101305
43	and/33,42	590
44	and/25,43	65
45	limit 44 to human	61
46	limit 45 to english language	52

## CINAHL - Cumulative Index to Nursing & Allied Health Literature 1982 to September Week 4 2007

#	Search history	Results
1	ECONOMICS/	880
2	"COSTS AND COST ANALYSIS"/	4167
3	COST BENEFIT ANALYSIS/	5858
4	COST CONTROL/	2508
5	COST SAVINGS/	3421
6	COST OF ILLNESS/	1360
7	HEALTH CARE COSTS/	7591
8	ECONOMIC ASPECTS OF ILLNESS/	1360
9	ECONOMICS, PHARMACEUTICAL/	911

#	Search history	Results
10	HEALTH CARE FINANCING/	3668
11	FINANCIAL MANAGEMENT/	3572
12	HOSPITAL COST/	1110
13	SOCIOECONOMIC FACTORS/	13645
14	HEALTH RESOURCE ALLOCATION/	3014
15	(financ\$ or fiscal\$ or funding).tw.	15656
16	(QALY\$ or life?year\$).tw.	229
17	(econom\$ or cost\$).tw.	41927
18	pharmacoeconomic\$.tw.	235
19	or/1-18	83618
20	SURGICAL WOUND INFECTION/	1960
21	((surger\$ or surgical\$) adj3 (infect\$ or sepsis or septic\$ or dehiscen\$)).ti,ab.	1000
22	((wound? or incision\$) adj3 (infect\$ or sepsis or septic\$ or dehiscen\$)).ti,ab.	1278
23	WOUND INFECTION/	1350
24	(SSI or SSTI).ti,ab.	308
25	INFECTION CONTROL/	9922
26	POSTOPERATIVE COMPLICATIONS/	8302
27	or/20-26	21502
28	BATHS/	902
29	bath\$.ti,ab.	1483
30	wash\$.ti,ab.	6069
31	shower\$.ti,ab.	268
32	DETERGENT/	99
33	soap\$.ti,ab.	487
34	detergent\$.ti,ab.	134
35	or/28-34	8506
36	and/27,35	440
37	and/19,36	25
38	limit 37 to english	25

## SSI\_nasal\_decontamination\_041007

### Ovid MEDLINE(R) 1950 to September Week 4 2007

#	Search history	Results
1	SURGICAL WOUND INFECTION/	22034
2	WOUND INFECTION/	7599
3	INFECTION CONTROL/	13147
4	POSTOPERATIVE COMPLICATIONS/	226854
5	((surger\$ or surgical\$) adj5 (infect\$ or sepsis or septic\$ or dehiscen\$)).ti,ab.	13724
6	((wound? or incision\$) adj5 (infect\$ or sepsis or septic\$ or dehiscen\$)).ti,ab.	16748
7	(SSI or SSTI).ti,ab.	1572
8	or/1-7	277577
9	STAPHYLOCOCCAL INFECTIONS/	33826
10	STAPHYLOCOCCUS AUREUS/	31931
11	staph\$ aureus.ti,ab.	43943

## Surgical site infection

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#	Search history	Results
12	MRSA.ti,ab.	5719
13	methicillin resistant staph\$.ti,ab.	6901
14	s aureus.ti,ab.	14157
15	or/9-14	75102
16	8 and 15	7002
17	ANTIINFECTIVE AGENTS, LOCAL/	8842
18	CHLORHEXIDINE/	4265
19	naseptin.ti,ab.	8
20	chlorhexidine.ti,ab.	4169
21	MUPIROCIN/	624
22	mupirocin.ti,ab.	729
23	"TEA TREE OIL"/	178
24	Melaleuca alternifolia.ti,ab.	93
25	tea tree.ti,ab.	214
26	DECONTAMINATION/	2377
27	decontaminat\$.ti,ab.	4791
28	or/17-27	19239
29	16 and 28	398
30	NASAL CAVITY/	5931
31	NASAL MUCOSA/	12113
32	NASOPHARYNX/	5205
33	OROPHARYNX/	2371
34	nares.ti,ab.	1032
35	nasal.ti,ab.	55057
36	(nose or noses).ti,ab.	18398
37	oropharyn\$.ti,ab.	8909
38	nasopharyn\$.ti,ab.	15873
39	pharyn\$.ti,ab.	22387
40	mouth.ti,ab.	32839
41	MOUTH/	12886
42	(oral or orally).ti,ab.	315386
43	ADMINISTRATION, INTRANASAL/	7647
44	(intranasal\$ or intra nasal\$.ti,ab.	12148
45	or/30-44	456914
46	29 and 45	143
47	limit 46 to english language	132
48	limit 47 to humans	128

### EMBASE 1996 to 2007 Week 39

#	Search history	Results
1	SURGICAL INFECTION/	3048
2	WOUND INFECTION/	8946
3	POSTOPERATIVE INFECTION/	9646
4	POSTOPERATIVE COMPLICATIONS/	72631
5	((surger\$ or surgical\$) adj5 (infect\$ or sepsis or septic\$ or dehiscen\$)).ti,ab.	6580
6	((wound? or incision\$) adj5 (infect\$ or sepsis or septic\$ or dehiscen\$)).ti,ab.	7815

#	Search history	Results
7	(SSI or SSTI).ti,ab.	832
8	or/1-7	93537
9	STAPHYLOCOCCAL INFECTION/	4774
10	STAPHYLOCOCCUS AUREUS/	21742
11	staph\$ aureus.ti,ab.	20396
12	MRSA.ti,ab.	4714
13	methicillin resistant staph\$.ti,ab.	5048
14	s aureus.ti,ab.	7506
15	or/9-14	30830
16	and/8,15	2261
17	ANTIINFECTIVE AGENT/	20723
18	TOPICAL ANTIINFECTIVE AGENT/	118
19	CHLORHEXIDINE/	2523
20	naseptin.ti,ab.	5
21	chlorhexidine.ti,ab.	1110
22	PSEUDOMONIC ACID/	1869
23	mupirocin.ti,ab.	479
24	"TEA TREE OIL"/	391
25	Melaleuca alternifolia.ti,ab.	91
26	tea tree.ti,ab.	217
27	SKIN DECONTAMINATION/	452
28	decontaminat\$.ti,ab.	2589
29	or/17-28	27470
30	and/16,29	343
31	NOSE CAVITY/	2214
32	NOSE MUCOSA/	3492
33	NASOPHARYNX/	2061
34	OROPHARYNX/	1860
35	nares.ti,ab.	469
36	nasal.ti,ab.	26959
37	(nose or noses).ti,ab.	8418
38	oropharyn\$.ti,ab.	4764
39	nasopharyn\$.ti,ab.	7203
40	pharyn\$.ti,ab.	9433
41	mouth.ti,ab.	11294
42	(oral or orally).ti,ab.	143076
43	INTRANASAL DRUG ADMINISTRATION/	2518
44	(intranasal\$ or intra nasal\$.ti,ab.	6631
45	or/31-44	201708
46	and/30,45	97
47	limit 46 to human	91
48	limit 47 to english language	79
49	letter.pt.	252640
50	editorial.pt.	150238
51	or/49-50	402878
52	48 not 51	75

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**CINAHL - Cumulative Index to Nursing & Allied Health Literature 1982 to September Week 4 2007**

#	Search history	Results
1	SURGICAL WOUND INFECTION/	1960
2	WOUND INFECTION/	1350
3	INFECTION CONTROL/	9922
4	POSTOPERATIVE COMPLICATIONS/	8302
5	((surger\$ or surgical\$) adj5 (infect\$ or sepsis or septic\$ or dehiscen\$)).ti,ab.	1278
6	((wound? or incision\$) adj5 (infect\$ or sepsis or septic\$ or dehiscen\$)).ti,ab.	1435
7	(SSI or SSTI).ti,ab.	308
8	or/1-7	21733
9	STAPHYLOCOCCAL INFECTIONS/	2415
10	STAPHYLOCOCCUS AUREUS/	1156
11	staph\$ aureus.ti,ab.	2040
12	MRSA.ti,ab.	1254
13	methicillin resistant staph\$.ti,ab.	1064
14	s aureus.ti,ab.	504
15	or/9-14	3725
16	ANTIINFECTIVE AGENTS, LOCAL/	1164
17	CHLORHEXIDINE/	593
18	naseptin.ti,ab.	1
19	chlorhexidine.ti,ab.	473
20	MUPIROCIN/	128
21	mupirocin.ti,ab.	118
22	"TEA TREE OIL"/	0
23	Melaleuca alternifolia.ti,ab.	8
24	tea tree.ti,ab.	46
25	DECONTAMINATION/	315
26	decontaminat\$.ti,ab.	544
27	or/16-26	2615
28	NASAL CAVITY/	101
29	NASAL MUCOSA/	236
30	NASOPHARYNX/	0
31	OROPHARYNX/	0
32	nares.ti,ab.	95
33	nasal.ti,ab.	2543
34	(nose or noses).ti,ab.	889
35	nasopharyn\$.ti,ab.	556
36	oropharyn\$.ti,ab.	528
37	pharyn\$.ti,ab.	971
38	MOUTH/	530
39	mouth.ti,ab.	2267
40	(oral or orally).ti,ab.	18001
41	ADMINISTRATION, INTRANASAL/	578
42	(intranasal\$ or intra nasal\$).ti,ab.	426
43	or/28-42	24472
44	and/8,15,27,43	55
45	limit 44 to english	55

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**SSI\_hair\_removal\_economics\_051007**
**Ovid MEDLINE(R) 1950 to September Week 4 2007**

<b>#</b>	<b>Search history</b>	<b>Results</b>
1	ECONOMICS/	25178
2	"COSTS AND COST ANALYSIS"/	36157
3	COST ALLOCATION/	1825
4	COST-BENEFIT ANALYSIS/	41308
5	COST CONTROL/	17446
6	COST SAVINGS/	5818
7	COST OF ILLNESS/	9665
8	COST SHARING/	1310
9	HEALTH CARE COSTS/	15781
10	DIRECT SERVICE COSTS/	821
11	DRUG COSTS/	8257
12	EMPLOYER HEALTH COSTS/	975
13	HOSPITAL COSTS/	5359
14	HEALTH RESOURCES/	6008
15	"HEALTH SERVICES NEEDS AND DEMAND"/	27245
16	HEALTH PRIORITIES/	6423
17	HEALTH EXPENDITURES/	9662
18	CAPITAL EXPENDITURES/	1807
19	FINANCIAL MANAGEMENT/	14230
20	FINANCIAL MANAGEMENT, HOSPITAL/	6739
21	QUALITY-ADJUSTED LIFE YEARS/	3098
22	"DEDUCTIBLES AND COINSURANCE"/	1140
23	MEDICAL SAVINGS ACCOUNTS/	364
24	ECONOMICS, HOSPITAL/	8326
25	ECONOMICS, MEDICAL/	6910
26	ECONOMICS, NURSING/	3748
27	ECONOMICS, PHARMACEUTICAL/	1841
28	MODELS, ECONOMIC/	2901
29	MODELS, ECONOMETRIC/	2547
30	RESOURCE ALLOCATION/	5772
31	HEALTH CARE RATIONING/	8716
32	"FEES AND CHARGES"/	7242
33	BUDGETS/	7958
34	VALUE OF LIFE/	4903
35	(financ\$ or fiscal\$ or funding).tw.	50892
36	(QALY\$ or life?year\$).tw.	1808
37	(econom\$ or cost\$).tw.	264787
38	pharmacoeconomic\$.tw.	1791
39	ec.fs.	233020
40	or/1-39	535598
41	SURGICAL WOUND INFECTION/	22034
42	WOUND INFECTION/	7599
43	INFECTION CONTROL/	13147

## Surgical site infection

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#	Search history	Results
44	((surger\$ or surgical\$) adj5 (infect\$ or sepsis or septic\$ or dehiscen\$)).ti,ab.	13724
45	((wound? or incision\$) adj5 (infect\$ or sepsis or septic\$ or dehiscen\$)).ti,ab.	16748
46	(SSI or SSTI).ti,ab.	1572
47	or/41-46	60551
48	HAIR REMOVAL/	1047
49	HAIR PREPARATIONS/	838
50	(hair? adj3 remov\$).ti,ab.	585
51	(hair? adj3 clip\$).ti,ab.	96
52	shav\$.ti,ab.	2457
53	razor\$.ti,ab.	623
54	depilat\$.ti,ab.	403
55	clipp\$.ti,ab.	4956
56	(hair? adj3 (wax\$ or sugar\$ or pluck\$)).ti,ab.	240
57	(hair adj3 eliminat\$).ti,ab.	38
58	(hair? adj3 eradicat\$).ti,ab.	7
59	(hair remov\$ adj3 (cream? or solution? or product? or preparat\$)).ti,ab.	12
60	or/48-59	10300
61	47 and 60	215
62	limit 61 to humans	197
63	limit 62 to english language	169
64	40 and 63	14

## EMBASE 1980 to 2007 Week 40

#	Search history	Results
1	ECONOMICS/	5404
2	HEALTH ECONOMICS/	9545
3	ECONOMIC EVALUATION/	3823
4	COST BENEFIT ANALYSIS/	27161
5	COST CONTROL/	15710
6	COST EFFECTIVENESS ANALYSIS/	51051
7	COST MINIMIZATION ANALYSIS/	1221
8	COST OF ILLNESS/	4142
9	COST UTILITY ANALYSIS/	2057
10	COST/	19482
11	HEALTH CARE COST/	55167
12	DRUG COST/	31039
13	HEALTH CARE FINANCING/	8797
14	HOSPITAL COST/	5924
15	SOCIOECONOMICS/	27914
16	ECONOMIC ASPECT/	68311
17	QUALITY-ADJUSTED LIFE YEARS/	3254
18	FINANCIAL MANAGEMENT/	21311
19	PHARMACOECONOMICS/	895
20	RESOURCE ALLOCATION/	6909
21	(financ\$ or fiscal\$ or funding).tw.	36058
22	(QALY\$ or life?year\$).tw.	1744

#	Search history	Results
23	(econom\$ or cost\$.tw.	215490
24	pharmacoeconomic\$.tw.	2416
25	or/1-24	385460
26	SURGICAL INFECTION/	3700
27	POSTOPERATIVE INFECTION/	13587
28	WOUND INFECTION/	13770
29	((surger\$ or surgical\$) adj5 (infect\$ or sepsis or septic\$ or dehiscen\$)).ti,ab.	11102
30	((wound? or incision\$) adj5 (infect\$ or sepsis or septic\$ or dehiscen\$)).ti,ab.	13290
31	INFECTION CONTROL/	22931
32	(SSI or SSTI).ti,ab.	1194
33	or/26-32	63892
34	(hair? adj5 remov\$).ti,ab.	651
35	(hair? adj3 clip\$).ti,ab.	64
36	clipp\$.ti,ab.	4518
37	shav\$.ti,ab.	2014
38	razor\$.ti,ab.	454
39	depilat\$.ti,ab.	342
40	(hair? adj3 (wax\$ or sugar\$ or pluck\$)).ti,ab.	209
41	(hair adj3 eliminat\$).ti,ab.	39
42	(hair? adj3 eradicat\$).ti,ab.	10
43	(hair remov\$ adj3 (cream? or solution? or product? or preparat\$)).ti,ab.	9
44	or/34-43	7961
45	33 and 44	153
46	and/25,45	18
47	limit 46 to english language	12

### CINAHL - Cumulative Index to Nursing & Allied Health Literature 1982 to September Week 4 2007

#	Search history	Results
1	ECONOMICS/	880
2	"COSTS AND COST ANALYSIS"/	4167
3	COST BENEFIT ANALYSIS/	5858
4	COST CONTROL/	2508
5	COST SAVINGS/	3421
6	COST OF ILLNESS/	1360
7	HEALTH CARE COSTS/	7591
8	ECONOMIC ASPECTS OF ILLNESS/	1360
9	ECONOMICS, PHARMACEUTICAL/	911
10	HEALTH CARE FINANCING/	3668
11	FINANCIAL MANAGEMENT/	3572
12	HOSPITAL COST/	1110
13	SOCIOECONOMIC FACTORS/	13645
14	HEALTH RESOURCE ALLOCATION/	3014
15	(financ\$ or fiscal\$ or funding).tw.	15656
16	(QALY\$ or life?year\$).tw.	229
17	(econom\$ or cost\$.tw.	41927
18	pharmacoeconomic\$.tw.	235

## Surgical site infection

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#	Search history	Results
19	or/1-18	83618
20	SURGICAL WOUND INFECTION/	1960
21	WOUND INFECTION/	1350
22	INFECTION CONTROL/	9922
23	((surger\$ or surgical\$) adj5 (infect\$ or sepsis or septic\$ or dehiscen\$)).ti,ab.	1278
24	((wound? or incision\$) adj5 (infect\$ or sepsis or septic\$ or dehiscen\$)).ti,ab.	1435
25	(SSI or SSTI).ti,ab.	308
26	POSTOPERATIVE COMPLICATIONS/	8302
27	or/20-26	21733
28	HAIR REMOVAL/	141
29	HAIR PREPARATIONS/	141
30	(hair? adj3 remov\$).ti,ab.	63
31	(hair? adj3 clip\$).ti,ab.	10
32	shav\$.ti,ab.	146
33	razor\$.ti,ab.	44
34	depilat\$.ti,ab.	9
35	clipp\$.ti,ab.	146
36	(hair? adj3 (wax\$ or sugar\$ or pluck\$)).ti,ab.	4
37	(hair adj3 eliminat\$).ti,ab.	1
38	(hair? adj3 eradicat\$).ti,ab.	0
39	(hair remov\$ adj3 (cream? or solution? or product? or preparat\$)).ti,ab.	3
40	or/28-39	585
41	27 and 40	66
42	and/19,41	5
43	limit 42 to english	5

## SSI\_leaving\_OR\_081007

### Ovid MEDLINE(R) 1950 to September Week 4 2007

#	Search history	Results
1	SURGICAL WOUND INFECTION/	22034
2	WOUND INFECTION/	7599
3	INFECTION CONTROL/	13147
4	POSTOPERATIVE COMPLICATIONS/	226854
5	((surger\$ or surgical\$) adj5 (infect\$ or sepsis or septic\$ or dehiscen\$)).ti,ab.	13724
6	((wound? or incision\$) adj5 (infect\$ or sepsis or septic\$ or dehiscen\$)).ti,ab.	16748
7	(SSI or SSTI).ti,ab.	1572
8	or/1-7	277577
9	canteen?.ti,ab.	186
10	cafe\$.ti,ab.	1948
11	lunch\$.ti,ab.	2625
12	(staff\$ adj5 break?).ti,ab.	30
13	((coffee or tea) adj3 break?).ti,ab.	44
14	intermission?.ti,ab.	108
15	breather?.ti,ab.	265

#	Search history	Results
16	stoppage?.ti,ab.	474
17	interregn\$.ti,ab.	5
18	interlude?.ti,ab.	64
19	paus\$.ti,ab.	5525
20	downtime.ti,ab.	185
21	((staff\$ or team\$) adj5 (leav\$ or left)).ti,ab.	171
22	((hospital? or ward?) adj5 (circulat\$ or movement?)).ti,ab.	485
23	((staff\$ or team\$) adj5 (circulat\$ or movement?)).ti,ab.	95
24	((staff\$ or team\$) adj5 (rotat\$ or mov\$ about)).ti,ab.	113
25	or/9-24	12215
26	OPERATING ROOMS/	8134
27	(operating room? or theat\$.ti,ab.	15746
28	(surg\$ suite? or surg\$ room\$ or surg\$ department?).ti,ab.	3457
29	operating department?.ti,ab.	225
30	((surg\$ or operating) adj3 (staff? or team? or personnel?)).ti,ab.	4472
31	or/26-30	26851
32	and/8,25,31	8
33	limit 32 to humans	7
34	limit 33 to english language	6

#### EMBASE 1980 to 2007 Week 40

#	Search history	Results
1	SURGICAL INFECTION/	3700
2	POSTOPERATIVE INFECTION/	13587
3	WOUND INFECTION/	13770
4	POSTOPERATIVE COMPLICATION/	90726
5	((surger\$ or surgical\$) adj5 (infect\$ or sepsis or septic\$ or dehiscen\$)).ti,ab.	11102
6	((wound? or incision\$) adj5 (infect\$ or sepsis or septic\$ or dehiscen\$)).ti,ab.	13290
7	(SSI or SSTI).ti,ab.	1194
8	or/1-7	125196
9	canteen?.ti,ab.	134
10	cafe\$.ti,ab.	1641
11	lunch\$.ti,ab.	2069
12	(staff\$ adj5 break?).ti,ab.	17
13	((coffee or tea) adj3 break?).ti,ab.	23
14	intermission?.ti,ab.	94
15	breather?.ti,ab.	155
16	stoppage?.ti,ab.	351
17	interregn\$.ti,ab.	4
18	interlude?.ti,ab.	33
19	paus\$.ti,ab.	4734
20	downtime.ti,ab.	183
21	((staff\$ or team\$) adj5 (leav\$ or left)).ti,ab.	126
22	((hospital? or ward?) adj5 (circulat\$ or movement?)).ti,ab.	388
23	((staff\$ or team\$) adj5 (circulat\$ or movement?)).ti,ab.	67
24	((staff\$ or team\$) adj5 (rotat\$ or mov\$ about)).ti,ab.	88

## Surgical site infection

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#	Search history	Results
25	or/9-24	10014
26	and/8,25	73
27	OPERATING ROOM/	5444
28	(operating room? or theat\$.ti,ab.	11405
29	(surg\$ suite? or surg\$ room\$ or surg\$ department?).ti,ab.	2209
30	operating department?.ti,ab.	54
31	((surg\$ or operating) adj3 (staff? or team? or personnel?).ti,ab.	3460
32	or/27-31	18042
33	and/26,32	4
34	limit 33 to english language	3
35	limit 34 to human	3

## CINAHL - Cumulative Index to Nursing & Allied Health Literature 1982 to September Week 4 2007

#	Search history	Results
1	SURGICAL WOUND INFECTION/	1960
2	WOUND INFECTION/	1350
3	INFECTION CONTROL/	9922
4	POSTOPERATIVE COMPLICATIONS/	8302
5	((surger\$ or surgical\$) adj5 (infect\$ or sepsis or septic\$ or dehiscen\$)).ti,ab.	1278
6	((wound? or incision\$) adj5 (infect\$ or sepsis or septic\$ or dehiscen\$)).ti,ab.	1435
7	(SSI or SSTI).ti,ab.	308
8	or/1-7	21733
9	canteen?.ti,ab.	24
10	cafe\$.ti,ab.	193
11	lunch\$.ti,ab.	597
12	(staff\$ adj5 break?).ti,ab.	19
13	((coffee or tea) adj3 break?).ti,ab.	36
14	intermission?.ti,ab.	7
15	breather?.ti,ab.	54
16	stoppage?.ti,ab.	29
17	interregn\$.ti,ab.	0
18	interlude?.ti,ab.	8
19	paus\$.ti,ab.	363
20	downtime.ti,ab.	30
21	((staff\$ or team\$) adj5 (leav\$ or left)).ti,ab.	137
22	((hospital? or ward?) adj5 (circulat\$ or movement?)).ti,ab.	80
23	((staff\$ or team\$) adj5 (circulat\$ or movement?)).ti,ab.	38
24	((staff\$ or team\$) adj5 (rotat\$ or mov\$ about)).ti,ab.	38
25	or/9-24	1624
26	OPERATING ROOMS/	3199
27	(operating room? or theat\$.ti,ab.	2970
28	(surg\$ suite? or surg\$ room\$ or surg\$ department?).ti,ab.	232
29	operating department?.ti,ab.	174
30	((surg\$ or operating) adj3 (staff? or team? or personnel?).ti,ab.	665
31	or/26-30	6208
32	and/8,25,31	1

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#	Search history	Results
33	limit 32 to english	1

## SSI\_nasal\_decontamination\_economics\_101007

### Ovid MEDLINE(R) 1950 to September Week 4 2007

#	Search history	Results
1	ECONOMICS/	25178
2	"COSTS AND COST ANALYSIS"/	36157
3	COST ALLOCATION/	1825
4	COST-BENEFIT ANALYSIS/	41308
5	COST CONTROL/	17446
6	COST SAVINGS/	5818
7	COST OF ILLNESS/	9665
8	COST SHARING/	1310
9	HEALTH CARE COSTS/	15781
10	DIRECT SERVICE COSTS/	821
11	DRUG COSTS/	8257
12	EMPLOYER HEALTH COSTS/	975
13	HOSPITAL COSTS/	5359
14	HEALTH RESOURCES/	6008
15	"HEALTH SERVICES NEEDS AND DEMAND"/	27245
16	HEALTH PRIORITIES/	6423
17	HEALTH EXPENDITURES/	9662
18	CAPITAL EXPENDITURES/	1807
19	FINANCIAL MANAGEMENT/	14230
20	FINANCIAL MANAGEMENT, HOSPITAL/	6739
21	QUALITY-ADJUSTED LIFE YEARS/	3098
22	"DEDUCTIBLES AND COINSURANCE"/	1140
23	MEDICAL SAVINGS ACCOUNTS/	364
24	ECONOMICS, HOSPITAL/	8326
25	ECONOMICS, MEDICAL/	6910
26	ECONOMICS, NURSING/	3748
27	ECONOMICS, PHARMACEUTICAL/	1841
28	MODELS, ECONOMIC/	2901
29	MODELS, ECONOMETRIC/	2547
30	RESOURCE ALLOCATION/	5772
31	HEALTH CARE RATIONING/	8716
32	"FEES AND CHARGES"/	7242
33	BUDGETS/	7958
34	VALUE OF LIFE/	4903
35	(financ\$ or fiscal\$ or funding).tw.	50892
36	(QALY\$ or life?year\$).tw.	1808
37	(econom\$ or cost\$).tw.	264787
38	pharmacoeconomic\$.tw.	1791
39	ec.fs.	233020

## Surgical site infection

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#	Search history	Results
40	or/1-39	535598
41	SURGICAL WOUND INFECTION/	22034
42	WOUND INFECTION/	7599
43	INFECTION CONTROL/	13147
44	POSTOPERATIVE COMPLICATIONS/	226854
45	((surger\$ or surgical\$) adj5 (infect\$ or sepsis or septic\$ or dehiscen\$)).ti,ab.	13724
46	((wound? or incision\$) adj5 (infect\$ or sepsis or septic\$ or dehiscen\$)).ti,ab.	16748
47	(SSI or SSTI).ti,ab.	1572
48	or/41-47	277577
49	STAPHYLOCOCCAL INFECTIONS/	33826
50	STAPHYLOCOCCUS AUREUS/	31931
51	staph\$ aureus.ti,ab.	43943
52	MRSA.ti,ab.	5719
53	methicillin resistant staph\$.ti,ab.	6901
54	s aureus.ti,ab.	14157
55	or/49-54	75102
56	48 and 55	7002
57	ANTIINFECTIVE AGENTS, LOCAL/	8842
58	CHLORHEXIDINE/	4265
59	naseptin.ti,ab.	8
60	chlorhexidine.ti,ab.	4169
61	MUPIROCIN/	624
62	mupirocin.ti,ab.	729
63	"TEA TREE OIL"/	178
64	Melaleuca alternifolia.ti,ab.	93
65	tea tree.ti,ab.	214
66	DECONTAMINATION/	2377
67	decontaminat\$.ti,ab.	4791
68	or/57-67	19239
69	56 and 68	398
70	NASAL CAVITY/	5931
71	NASAL MUCOSA/	12113
72	NASOPHARYNX/	5205
73	OROPHARYNX/	2371
74	nares.ti,ab.	1032
75	nasal.ti,ab.	55057
76	(nose or noses).ti,ab.	18398
77	oropharyn\$.ti,ab.	8909
78	nasopharyn\$.ti,ab.	15873
79	pharyn\$.ti,ab.	22387
80	mouth.ti,ab.	32839
81	MOUTH/	12886
82	(oral or orally).ti,ab.	315386
83	ADMINISTRATION, INTRANASAL/	7647
84	(intranasal\$ or intra nasal\$).ti,ab.	12148
85	or/70-84	456914
86	69 and 85	143

#	Search history	Results
87	and/40,86	21
88	limit 87 to english language	19

**EMBASE 1980 to 2007 Week 40**

#	Search history	Results
1	ECONOMICS/	5404
2	HEALTH ECONOMICS/	9545
3	ECONOMIC EVALUATION/	3823
4	COST BENEFIT ANALYSIS/	27161
5	COST CONTROL/	15710
6	COST EFFECTIVENESS ANALYSIS/	51051
7	COST MINIMIZATION ANALYSIS/	1221
8	COST OF ILLNESS/	4142
9	COST UTILITY ANALYSIS/	2057
10	COST/	19482
11	HEALTH CARE COST/	55167
12	DRUG COST/	31039
13	HEALTH CARE FINANCING/	8797
14	HOSPITAL COST/	5924
15	SOCIOECONOMICS/	27914
16	ECONOMIC ASPECT/	68311
17	QUALITY-ADJUSTED LIFE YEARS/	3254
18	FINANCIAL MANAGEMENT/	21311
19	PHARMACOECONOMICS/	895
20	RESOURCE ALLOCATION/	6909
21	(financ\$ or fiscal\$ or funding).tw.	36058
22	(QALY\$ or life?year\$).tw.	1744
23	(econom\$ or cost\$).tw.	215490
24	pharmacoeconomic\$.tw.	2416
25	or/1-24	385460
26	SURGICAL INFECTION/	3700
27	WOUND INFECTION/	13770
28	POSTOPERATIVE INFECTION/	13587
29	POSTOPERATIVE COMPLICATIONS/	90726
30	((surger\$ or surgical\$) adj5 (infect\$ or sepsis or septic\$ or dehiscen\$)).ti,ab.	11102
31	((wound? or incision\$) adj5 (infect\$ or sepsis or septic\$ or dehiscen\$)).ti,ab.	13290
32	(SSI or SSTI).ti,ab.	1194
33	or/26-32	125196
34	STAPHYLOCOCCAL INFECTION/	5568
35	STAPHYLOCOCCUS AUREUS/	39149
36	staph\$ aureus.ti,ab.	35611
37	MRSA.ti,ab.	5702
38	methicillin resistant staph\$.ti,ab.	6772
39	s aureus.ti,ab.	12271
40	or/34-39	54769
41	and/33,40	3436

## Surgical site infection

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#	Search history	Results
42	ANTIINFECTIVE AGENT/	31188
43	TOPICAL ANTIINFECTIVE AGENT/	173
44	CHLORHEXIDINE/	4820
45	naseptin.ti,ab.	7
46	chlorhexidine.ti,ab.	2315
47	PSEUDOMONIC ACID/	2549
48	mupirocin.ti,ab.	747
49	"TEA TREE OIL"/	396
50	Melaleuca alternifolia.ti,ab.	100
51	tea tree.ti,ab.	236
52	SKIN DECONTAMINATION/	671
53	decontaminat\$.ti,ab.	4400
54	or/42-53	42784
55	and/41,54	465
56	NOSE CAVITY/	2841
57	NOSE MUCOSA/	5609
58	NASOPHARYNX/	3043
59	OROPHARYNX/	2572
60	nares.ti,ab.	800
61	nasal.ti,ab.	44753
62	(nose or noses).ti,ab.	14634
63	oropharyn\$.ti,ab.	7635
64	nasopharyn\$.ti,ab.	12094
65	pharyn\$.ti,ab.	16607
66	mouth.ti,ab.	19728
67	(oral or orally).ti,ab.	250734
68	INTRANASAL DRUG ADMINISTRATION/	7257
69	(intranasal\$ or intra nasal\$).ti,ab.	10141
70	or/56-69	351385
71	and/55,70	115
72	and/25,71	12

## CINAHL - Cumulative Index to Nursing & Allied Health Literature 1982 to October Week 1 2007

#	Search history	Results
1	ECONOMICS/	881
2	"COSTS AND COST ANALYSIS"/	4182
3	COST BENEFIT ANALYSIS/	5873
4	COST CONTROL/	2514
5	COST SAVINGS/	3429
6	COST OF ILLNESS/	1363
7	HEALTH CARE COSTS/	7629
8	ECONOMIC ASPECTS OF ILLNESS/	1363
9	ECONOMICS, PHARMACEUTICAL/	915
10	HEALTH CARE FINANCING/	3679
11	FINANCIAL MANAGEMENT/	3580
12	HOSPITAL COST/	1109

#	Search history	Results
13	SOCIOECONOMIC FACTORS/	13699
14	HEALTH RESOURCE ALLOCATION/	3021
15	(financ\$ or fiscal\$ or funding).tw.	15683
16	(QALY\$ or life?year\$).tw.	229
17	(econom\$ or cost\$).tw.	42021
18	pharmacoeconomic\$.tw.	238
19	or/1-18	83841
20	SURGICAL WOUND INFECTION/	1965
21	WOUND INFECTION/	1355
22	INFECTION CONTROL/	9944
23	POSTOPERATIVE COMPLICATIONS/	8370
24	((surger\$ or surgical\$) adj5 (infect\$ or sepsis or septic\$ or dehiscen\$)).ti,ab.	1281
25	((wound? or incision\$) adj5 (infect\$ or sepsis or septic\$ or dehiscen\$)).ti,ab.	1438
26	(SSI or SSTI).ti,ab.	310
27	or/20-26	21833
28	STAPHYLOCOCCAL INFECTIONS/	2428
29	STAPHYLOCOCCUS AUREUS/	1161
30	staph\$ aureus.ti,ab.	2051
31	MRSA.ti,ab.	1263
32	methicillin resistant staph\$.ti,ab.	1066
33	s aureus.ti,ab.	505
34	or/28-33	3750
35	ANTIINFECTIVE AGENTS, LOCAL/	1171
36	CHLORHEXIDINE/	594
37	naseptin.ti,ab.	1
38	chlorhexidine.ti,ab.	475
39	MUPIROCIN/	128
40	mupirocin.ti,ab.	118
41	"TEA TREE OIL"/	0
42	Melaleuca alternifolia.ti,ab.	8
43	tea tree.ti,ab.	46
44	DECONTAMINATION/	315
45	decontaminat\$.ti,ab.	544
46	or/35-45	2622
47	NASAL CAVITY/	102
48	NASAL MUCOSA/	236
49	NASOPHARYNX/	0
50	OROPHARYNX/	0
51	nares.ti,ab.	95
52	nasal.ti,ab.	2547
53	(nose or noses).ti,ab.	891
54	nasopharyn\$.ti,ab.	558
55	oropharyn\$.ti,ab.	531
56	pharyn\$.ti,ab.	973
57	MOUTH/	533
58	mouth.ti,ab.	2273
59	(oral or orally).ti,ab.	18073

## Surgical site infection

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#	Search history	Results
60	ADMINISTRATION, INTRANASAL/	580
61	(intranasal\$ or intra nasal\$).ti,ab.	427
62	or/47-61	24559
63	and/27,34,46,62	55
64	and/19,63	10
65	limit 64 to english	10

## SSI\_dressings\_231007

### Ovid MEDLINE(R) 1950 to October Week 2 2007

#	Search history	Results
1	exp SPECIALTIES, SURGICAL/	124167
2	SURGICAL PROCEDURES, OPERATIVE/	43699
3	(surger\$ or surgical\$).sh.	933808
4	or/1-3	994712
5	SURGICAL WOUND INFECTION/	22070
6	SURGICAL WOUND DEHISCENCE/	4688
7	(SSI or SSTI).ti,ab.	1574
8	WOUND INFECTION/	7607
9	INFECTION CONTROL/	13175
10	((wound? or incision\$) adj5 (infect\$ or sepsis or septic\$ or dehiscen\$)).ti,ab.	16800
11	or/5-10	55813
12	BANDAGES/	11149
13	BANDAGES, HYDROCOLLOID/	394
14	OCCLUSIVE DRESSINGS/	2948
15	BIOLOGICAL DRESSINGS/	897
16	bandag\$.ti,ab.	2950
17	dressings?.ti,ab.	9044
18	hydrocolloid?.ti,ab.	912
19	gauz\$.ti,ab.	1919
20	silicon\$ foam elastomer?.ti,ab.	6
21	(wound? adj5 silastic).ti,ab.	20
22	silicone foam?.ti,ab.	43
23	(film adj3 membrane?).ti,ab.	94
24	comfeel.ti,ab.	36
25	biatain.ti,ab.	18
26	physiotulle\$.ti,ab.	1
27	alione.ti,ab.	5
28	seasorb.ti,ab.	4
29	tegaderm.ti,ab.	88
30	coloplast.ti,ab.	56
31	aquacel.ti,ab.	31
32	acticoat.ti,ab.	41
33	mepore.ti,ab.	7
34	hydrasorb.ti,ab.	2

#	Search history	Results
35	cutiplast.ti,ab.	3
36	or/12-35	22516
37	editorial.pt.	210978
38	letter.pt.	608008
39	comment.pt.	344306
40	historical article.pt.	246228
41	or/37-40	1106126
42	and/4,11,36	996
43	42 not 41	973
44	limit 43 to humans	907
45	limit 44 to english language	672

### EMBASE 1980 to 2007 Week 42

#	Search history	Results
1	SURGERY/	35031
2	(surger\$ or surgical\$.ti,sh.	392649
3	or/1-2	392649
4	SURGICAL INFECTION/	3724
5	WOUND DEHISCENCE/	3114
6	WOUND INFECTION/	13807
7	POSTOPERATIVE INFECTION/	13631
8	((wound? or incision\$) adj5 (infect\$ or sepsis or septic\$ or dehiscen\$)).ti,ab.	13314
9	((surger\$ or surgical\$) adj5 (infect\$ or sepsis or septic\$ or dehiscen\$)).ti,ab.	11130
10	(SSI or SSTI).ti,ab.	1203
11	or/4-10	43514
12	"BANDAGES AND DRESSINGS"/	92
13	BANDAGE/	1573
14	FOAM DRESSING/	31
15	GAUZE DRESSING/	165
16	HYDROCOLLOID DRESSING/	46
17	HYDROGEL DRESSING/	30
18	TRANSPARENT DRESSING/	8
19	WOUND DRESSING/	4744
20	bandag\$.ti,ab.	1963
21	dressing?.ti,ab.	5989
22	hydrocolloid?.ti,ab.	490
23	gauz\$.ti,ab.	1408
24	silicon\$ foam elastomer?.ti,ab.	5
25	(wound? adj5 silastic).ti,ab.	17
26	silicone foam?.ti,ab.	26
27	(film adj3 membrane?).ti,ab.	197
28	comfeel.ti,ab.	28
29	biatain.ti,ab.	4
30	physiotulle\$.ti,ab.	0
31	alione.ti,ab.	0
32	seasorb.ti,ab.	3

## Surgical site infection

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#	Search history	Results
33	tegaderm.ti,ab.	78
34	coloplast.ti,ab.	25
35	aquacel.ti,ab.	30
36	acticoat.ti,ab.	42
37	mepore.ti,ab.	6
38	hydrasorb.ti,ab.	2
39	cutiplast.ti,ab.	2
40	or/12-39	11944
41	and/3,11,40	394
42	limit 41 to human	356
43	limit 42 to english language	325
44	letter.sh,tw.	383869
45	editorial.tw,sh.	239866
46	comment.tw,sh.	15250
47	or/44-46	628999
48	43 not 47	297

## CINAHL - Cumulative Index to Nursing & Allied Health Literature 1982 to October Week 3 2007

#	Search history	Results
1	SURGERY, OPERATIVE/	2787
2	(surger\$ or surgical\$.ti,sh.	33232
3	or/1-2	33232
4	SURGICAL WOUND INFECTION/	1979
5	WOUND INFECTION/	1362
6	INFECTION CONTROL/	9982
7	((surger\$ or surgical\$) adj5 (infect\$ or sepsis or septic\$ or dehiscen\$)).ti,ab.	1293
8	((wound? or incision\$) adj5 (infect\$ or sepsis or septic\$ or dehiscen\$)).ti,ab.	1445
9	(SSI or SSTI).ti,ab.	313
10	SURGICAL WOUND DEHISCENCE/	212
11	or/4-10	14117
12	"BANDAGES AND DRESSINGS"/	4134
13	BIOLOGICAL DRESSINGS/	178
14	FOAM DRESSINGS/	262
15	GAUZE DRESSINGS/	133
16	HYDROCOLLOID DRESSINGS/	313
17	HYDROGEL DRESSINGS/	262
18	OCCLUSIVE DRESSINGS/	332
19	TRANSPARENT DRESSINGS/	172
20	(film adj3 membrane?).ti,ab.	1
21	comfeel.ti,ab.	12
22	tegaderm.ti,ab.	20
23	coloplast.ti,ab.	31
24	or/12-23	5051
25	letter.pt.	47703
26	commentary.pt.	67965
27	editorial.pt.	78145

#	Search history	Results
28	or/25-27	159129
29	and/3,11,24	153
30	29 not 28	146

## SSI\_dressings\_economics\_231007

### Ovid MEDLINE(R) 1950 to October Week 2 2007

#	Search history	Results
1	ECONOMICS/	25185
2	"COSTS AND COST ANALYSIS"/	36193
3	COST ALLOCATION/	1827
4	COST-BENEFIT ANALYSIS/	41406
5	COST CONTROL/	17463
6	COST SAVINGS/	5827
7	COST OF ILLNESS/	9711
8	COST SHARING/	1311
9	HEALTH CARE COSTS/	15831
10	DIRECT SERVICE COSTS/	823
11	DRUG COSTS/	8293
12	EMPLOYER HEALTH COSTS/	975
13	HOSPITAL COSTS/	5372
14	HEALTH RESOURCES/	6025
15	"HEALTH SERVICES NEEDS AND DEMAND"/	27358
16	HEALTH PRIORITIES/	6450
17	HEALTH EXPENDITURES/	9687
18	CAPITAL EXPENDITURES/	1807
19	FINANCIAL MANAGEMENT/	14239
20	FINANCIAL MANAGEMENT, HOSPITAL/	6746
21	QUALITY-ADJUSTED LIFE YEARS/	3112
22	"DEDUCTIBLES AND COINSURANCE"/	1141
23	MEDICAL SAVINGS ACCOUNTS/	365
24	ECONOMICS, HOSPITAL/	8330
25	ECONOMICS, MEDICAL/	6911
26	ECONOMICS, NURSING/	3749
27	ECONOMICS, PHARMACEUTICAL/	1847
28	MODELS, ECONOMIC/	2908
29	MODELS, ECONOMETRIC/	2567
30	RESOURCE ALLOCATION/	5774
31	HEALTH CARE RATIONING/	8730
32	"FEES AND CHARGES"/	7248
33	BUDGETS/	7966
34	VALUE OF LIFE/	4903
35	(financ\$ or fiscal\$ or funding).tw.	51069
36	(QALY\$ or life?year\$).tw.	1820
37	(econom\$ or cost\$).tw.	265573

## Surgical site infection

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#	Search history	Results
38	pharmacoeconomic\$.tw.	1798
39	ec.fs.	233604
40	or/1-39	536964
41	exp SPECIALTIES, SURGICAL/	124167
42	SURGICAL PROCEDURES, OPERATIVE/	43699
43	(surger\$ or surgical\$.sh.	191849
44	or/41-43	265311
45	SURGICAL WOUND INFECTION/	22070
46	SURGICAL WOUND DEHISCENCE/	4688
47	(SSI or SSTI).ti,ab.	1574
48	WOUND INFECTION/	7607
49	INFECTION CONTROL/	13175
50	((wound? or incision\$) adj5 (infect\$ or sepsis or septic\$ or dehiscen\$)).ti,ab.	16800
51	or/45-50	55813
52	BANDAGES/	11149
53	BANDAGES, HYDROCOLLOID/	394
54	OCCLUSIVE DRESSINGS/	2948
55	BIOLOGICAL DRESSINGS/	897
56	bandag\$.ti,ab.	2950
57	dressings?.ti,ab.	9044
58	hydrocolloid?.ti,ab.	912
59	gauz\$.ti,ab.	1919
60	silicon\$ foam elastomer?.ti,ab.	6
61	(wound? adj5 silastic).ti,ab.	20
62	silicone foam?.ti,ab.	43
63	(film adj3 membrane?).ti,ab.	94
64	comfeel.ti,ab.	36
65	biatain.ti,ab.	18
66	physiotulle\$.ti,ab.	1
67	alione.ti,ab.	5
68	seasorb.ti,ab.	4
69	tegaderm.ti,ab.	88
70	coloplast.ti,ab.	56
71	aquacel.ti,ab.	31
72	acticoat.ti,ab.	41
73	mepore.ti,ab.	7
74	hydrasorb.ti,ab.	2
75	cutiplast.ti,ab.	3
76	or/52-75	22516
77	and/44,51,76	814
78	and/40,77	79
79	limit 78 to english language	61

## EMBASE 1980 to 2007 Week 42

#	Search history	Results
1	ECONOMICS/	5410

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#	Search history	Results
2	HEALTH ECONOMICS/	9572
3	ECONOMIC EVALUATION/	3843
4	COST BENEFIT ANALYSIS/	27255
5	COST CONTROL/	15767
6	COST EFFECTIVENESS ANALYSIS/	51241
7	COST MINIMIZATION ANALYSIS/	1231
8	COST OF ILLNESS/	4169
9	COST UTILITY ANALYSIS/	2074
10	COST/	19513
11	HEALTH CARE COST/	55361
12	DRUG COST/	31151
13	HEALTH CARE FINANCING/	8812
14	HOSPITAL COST/	5941
15	SOCIOECONOMICS/	28004
16	ECONOMIC ASPECT/	68379
17	QUALITY-ADJUSTED LIFE YEARS/	3278
18	FINANCIAL MANAGEMENT/	21377
19	PHARMACOECONOMICS/	896
20	RESOURCE ALLOCATION/	6933
21	(financ\$ or fiscal\$ or funding).tw.	36151
22	(QALY\$ or life?year\$).tw.	1767
23	(econom\$ or cost\$).tw.	216119
24	pharmacoeconomic\$.tw.	2436
25	or/1-24	386542
26	SURGERY/	35031
27	(surger\$ or surgical\$).ti,sh.	392649
28	or/26-27	392649
29	SURGICAL INFECTION/	3724
30	WOUND DEHISCENCE/	3114
31	WOUND INFECTION/	13807
32	POSTOPERATIVE INFECTION/	13631
33	((wound? or incision\$) adj5 (infect\$ or sepsis or septic\$ or dehiscen\$)).ti,ab.	13314
34	((surger\$ or surgical\$) adj5 (infect\$ or sepsis or septic\$ or dehiscen\$)).ti,ab.	11130
35	(SSI or SSTI).ti,ab.	1203
36	or/29-35	43514
37	"BANDAGES AND DRESSINGS"/	92
38	BANDAGE/	1573
39	FOAM DRESSING/	31
40	GAUZE DRESSING/	165
41	HYDROCOLLOID DRESSING/	46
42	HYDROGEL DRESSING/	30
43	TRANSPARENT DRESSING/	8
44	WOUND DRESSING/	4744
45	bandag\$.ti,ab.	1963
46	dressin?.ti,ab.	5989
47	hydrocolloid?.ti,ab.	490
48	gauz\$.ti,ab.	1408

## Surgical site infection

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#	Search history	Results
49	silicon\$ foam elastomer?.ti,ab.	5
50	(wound? adj5 silastic).ti,ab.	17
51	silicone foam?.ti,ab.	26
52	(film adj3 membrane?).ti,ab.	197
53	comfeel.ti,ab.	28
54	biatain.ti,ab.	4
55	physiotulle\$.ti,ab.	0
56	alione.ti,ab.	0
57	seasorb.ti,ab.	3
58	tegaderm.ti,ab.	78
59	coloplast.ti,ab.	25
60	aquacel.ti,ab.	30
61	acticoat.ti,ab.	42
62	mepore.ti,ab.	6
63	hydrasorb.ti,ab.	2
64	cutiplast.ti,ab.	2
65	or/37-64	11944
66	and/28,36,65	394
67	and/25,66	49
68	editorial.sh,tw.	239866
69	letter.tw,sh.	383869
70	conference paper.tw,sh.	577755
71	or/68-70	1197668
72	67 not 71	42

## CINAHL - Cumulative Index to Nursing & Allied Health Literature 1982 to October Week 3 2007

#	Search history	Results
1	ECONOMICS/	889
2	"COSTS AND COST ANALYSIS"/	4193
3	COST BENEFIT ANALYSIS/	5897
4	COST CONTROL/	2517
5	COST SAVINGS/	3439
6	COST OF ILLNESS/	1375
7	HEALTH CARE COSTS/	7675
8	ECONOMIC ASPECTS OF ILLNESS/	1375
9	ECONOMICS, PHARMACEUTICAL/	920
10	HEALTH CARE FINANCING/	3697
11	FINANCIAL MANAGEMENT/	3612
12	HOSPITAL COST/	1112
13	SOCIOECONOMIC FACTORS/	13783
14	HEALTH RESOURCE ALLOCATION/	3031
15	(financ\$ or fiscal\$ or funding).tw.	15757
16	(QALY\$ or life?year\$).tw.	230
17	(econom\$ or cost\$).tw.	42180
18	pharmacoeconomic\$.tw.	238
19	or/1-18	84221

#	Search history	Results
20	SURGERY, OPERATIVE/	2787
21	(surger\$ or surgical\$).ti,sh.	33232
22	or/20-21	33232
23	SURGICAL WOUND INFECTION/	1979
24	WOUND INFECTION/	1362
25	INFECTION CONTROL/	9982
26	((surger\$ or surgical\$) adj5 (infect\$ or sepsis or septic\$ or dehiscen\$)).ti,ab.	1293
27	((wound? or incision\$) adj5 (infect\$ or sepsis or septic\$ or dehiscen\$)).ti,ab.	1445
28	(SSI or SSTI).ti,ab.	313
29	SURGICAL WOUND DEHISCENCE/	212
30	or/23-29	14117
31	"BANDAGES AND DRESSINGS"/	4134
32	BIOLOGICAL DRESSINGS/	178
33	FOAM DRESSINGS/	262
34	GAUZE DRESSINGS/	133
35	HYDROCOLLOID DRESSINGS/	313
36	HYDROGEL DRESSINGS/	262
37	OCCLUSIVE DRESSINGS/	332
38	TRANSPARENT DRESSINGS/	172
39	(film adj3 membrane?).ti,ab.	1
40	comfeel.ti,ab.	12
41	tegaderm.ti,ab.	20
42	coloplast.ti,ab.	31
43	or/31-42	5051
44	letter.pt.	47703
45	commentary.pt.	67965
46	editorial.pt.	78145
47	or/44-46	159129
48	and/22,30,43	153
49	48 not 47	146
50	and/19,49	14

## SSI\_bowel\_prep\_291007

### Ovid MEDLINE(R) 1950 to October Week 3 2007

#	Search history	Results
1	SURGICAL WOUND INFECTION/	22081
2	SURGICAL WOUND DEHISCENCE/	4691
3	(SSI or SSTI).ti,ab.	1578
4	WOUND INFECTION/	7611
5	INFECTION CONTROL/	13191
6	((wound? or incision\$) adj5 (infect\$ or sepsis or septic\$ or dehiscen\$)).ti,ab.	16827
7	((surger\$ or surgical\$) adj5 (infect\$ or sepsis or septic\$ or dehiscen\$)).ti,ab.	13783
8	POSTOPERATIVE COMPLICATIONS/	227319
9	or/1-8	280465

## Surgical site infection

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#	Search history	Results
10	((intestin\$ or bowel? or colon\$ or colorec\$ or ceco\$ or rect\$2) adj3 (prepar\$ or mechanical\$)).tw.	3970
11	((intestin\$ or bowel? or colon\$ or colorec\$ or ceco\$ or rect\$2) adj3 (purg\$ or wash\$)).tw.	423
12	or/10-11	4355
13	and/9,12	539
14	(surger\$ or surgical\$).hw,tw.	1014357
15	su.fs.	1179298
16	or/14-15	1644475
17	and/13,16	522
18	editorial.pt.	211325
19	letter.pt.	608657
20	comment.pt.	344865
21	historical article.pt.	246416
22	or/18-21	1107414
23	17 not 22	510
24	limit 23 to humans	489
25	limit 24 to english language	352
26	limit 25 to yr="2004 - 2007"	57

### EMBASE 1980 to 2007 Week 43

#	Search history	Results
1	SURGICAL INFECTION/	3733
2	WOUND DEHISCENCE/	3118
3	WOUND INFECTION/	13828
4	POSTOPERATIVE INFECTION/	13650
5	((wound? or incision\$) adj5 (infect\$ or sepsis or septic\$ or dehiscen\$)).tw.	13331
6	((surger\$ or surgical\$) adj5 (infect\$ or sepsis or septic\$ or dehiscen\$)).tw.	11142
7	(SSI or SSTI).tw.	1209
8	POSTOPERATIVE COMPLICATION/	91107
9	or/1-8	126771
10	INTESTINE PREPARATION/	821
11	((intestin\$ or bowel? or colon\$ or colorec\$ or ceco\$ or rect\$2) adj3 (prepar\$ or mechanical\$)).tw.	3249
12	((intestin\$ or bowel? or colon\$ or colorec\$ or ceco\$ or rect\$2) adj3 (purg\$ or wash\$)).tw.	338
13	or/10-12	3840
14	(surger\$ or surgical\$).hw,tw.	863009
15	su.fs.	679935
16	or/14-15	1130390
17	and/9,13,16	338
18	letter.sh,tw.	384422
19	editorial.tw,sh.	240200
20	comment.tw,sh.	15287
21	or/18-20	629908
22	17 not 21	325
23	limit 22 to human	289
24	limit 23 to english language	251
25	limit 24 to yr="2004 - 2008"	74

**CINAHL - Cumulative Index to Nursing & Allied Health Literature 1982 to October Week 3 2007**

#	Search history	Results
1	SURGICAL WOUND INFECTION/	1979
2	WOUND INFECTION/	1362
3	INFECTION CONTROL/	9982
4	SURGICAL WOUND DEHISCENCE/	212
5	((surger\$ or surgical\$) adj5 (infect\$ or sepsis or septic\$ or dehiscen\$)).tw.	1293
6	((wound? or incision\$) adj5 (infect\$ or sepsis or septic\$ or dehiscen\$)).tw.	1445
7	(SSI or SSTI).tw.	447
8	POSTOPERATIVE COMPLICATIONS/	8395
9	or/1-8	22141
10	BOWEL PREPARATION/	133
11	((intestin\$ or bowel? or colon\$ or colorec\$ or ceco\$ or rect\$2) adj3 (prepar\$ or mechanical\$)).tw.	129
12	((intestin\$ or bowel? or colon\$ or colorec\$ or ceco\$ or rect\$2) adj3 (purg\$ or wash\$)).tw.	8
13	or/10-12	207
14	(surger\$ or surgical\$).hw,tw.	62988
15	su.fs.	40854
16	or/14-15	82804
17	and/9,13,16	14
18	limit 17 to english	14
19	limit 18 to yr="2004 - 2007"	7

**SSI\_bowel\_prep\_economics\_021107****Ovid MEDLINE(R) 1950 to October Week 4 2007**

#	Search history	Results
1	ECONOMICS/	25194
2	"COSTS AND COST ANALYSIS"/	36228
3	COST ALLOCATION/	1827
4	COST-BENEFIT ANALYSIS/	41486
5	COST CONTROL/	17473
6	COST SAVINGS/	5835
7	COST OF ILLNESS/	9766
8	COST SHARING/	1321
9	HEALTH CARE COSTS/	15881
10	DIRECT SERVICE COSTS/	825
11	DRUG COSTS/	8321
12	EMPLOYER HEALTH COSTS/	977
13	HOSPITAL COSTS/	5381
14	HEALTH RESOURCES/	6033
15	"HEALTH SERVICES NEEDS AND DEMAND"/	27486
16	HEALTH PRIORITIES/	6463
17	HEALTH EXPENDITURES/	9711
18	CAPITAL EXPENDITURES/	1807
19	FINANCIAL MANAGEMENT/	14245
20	FINANCIAL MANAGEMENT, HOSPITAL/	6764

## Surgical site infection

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# Search history	Results
21 QUALITY-ADJUSTED LIFE YEARS/	3135
22 "DEDUCTIBLES AND COINSURANCE"/	1144
23 MEDICAL SAVINGS ACCOUNTS/	370
24 ECONOMICS, HOSPITAL/	8334
25 ECONOMICS, MEDICAL/	6917
26 ECONOMICS, NURSING/	3751
27 ECONOMICS, PHARMACEUTICAL/	1848
28 MODELS, ECONOMIC/	2920
29 MODELS, ECONOMETRIC/	2573
30 RESOURCE ALLOCATION/	5795
31 HEALTH CARE RATIONING/	8737
32 "FEES AND CHARGES"/	7255
33 BUDGETS/	7983
34 VALUE OF LIFE/	4904
35 (financ\$ or fiscal\$ or funding).tw.	51223
36 (QALY\$ or life?year\$).tw.	1830
37 (econom\$ or cost\$).tw.	266367
38 pharmacoeconomic\$.tw.	1801
39 ec.fs.	234146
40 or/1-39	538355
41 SURGICAL WOUND INFECTION/	22097
42 SURGICAL WOUND DEHISCENCE/	4694
43 (SSI or SSTI).ti,ab.	1581
44 WOUND INFECTION/	7615
45 INFECTION CONTROL/	13226
46 ((wound? or incision\$) adj5 (infect\$ or sepsis or septic\$ or dehiscen\$)).ti,ab.	16841
47 ((surger\$ or surgical\$) adj5 (infect\$ or sepsis or septic\$ or dehiscen\$)).ti,ab.	13802
48 POSTOPERATIVE COMPLICATIONS/	227457
49 or/41-48	280673
50 ((intestin\$ or bowel? or colon\$ or colorec\$ or ceco\$ or rect\$2) adj3 (prepar\$ or mechanical\$)).tw.	3974
51 ((intestin\$ or bowel? or colon\$ or colorec\$ or ceco\$ or rect\$2) adj3 (purg\$ or wash\$)).tw.	423
52 or/50-51	4359
53 and/49,52	539
54 (surger\$ or surgical\$).hw,tw.	1015375
55 su.fs.	1180250
56 or/54-55	1645904
57 and/53,56	522
58 and/40,57	33
59 limit 58 to english language	28

### EMBASE 1980 to 2007 Week 43

# Search history	Results
1 ECONOMICS/	5415
2 HEALTH ECONOMICS/	9591
3 ECONOMIC EVALUATION/	3848
4 COST BENEFIT ANALYSIS/	27292

#	Search history	Results
5	COST CONTROL/	15785
6	COST EFFECTIVENESS ANALYSIS/	51340
7	COST MINIMIZATION ANALYSIS/	1236
8	COST OF ILLNESS/	4177
9	COST UTILITY ANALYSIS/	2083
10	COST/	19531
11	HEALTH CARE COST/	55450
12	DRUG COST/	31205
13	HEALTH CARE FINANCING/	8823
14	HOSPITAL COST/	5948
15	SOCIOECONOMICS/	28075
16	ECONOMIC ASPECT/	68420
17	QUALITY-ADJUSTED LIFE YEARS/	3294
18	FINANCIAL MANAGEMENT/	21412
19	PHARMACOECONOMICS/	896
20	RESOURCE ALLOCATION/	6943
21	(financ\$ or fiscal\$ or funding).tw.	36199
22	(QALY\$ or life?year\$).tw.	1776
23	(econom\$ or cost\$).tw.	216424
24	pharmacoeconomic\$.tw.	2437
25	or/1-24	387087
26	SURGICAL INFECTION/	3733
27	WOUND DEHISCENCE/	3118
28	WOUND INFECTION/	13828
29	POSTOPERATIVE INFECTION/	13650
30	((wound? or incision\$) adj5 (infect\$ or sepsis or septic\$ or dehiscen\$)).tw.	13331
31	((surger\$ or surgical\$) adj5 (infect\$ or sepsis or septic\$ or dehiscen\$)).tw.	11142
32	(SSI or SSTI).tw.	1209
33	POSTOPERATIVE COMPLICATION/	91107
34	or/26-33	126771
35	INTESTINE PREPARATION/	821
36	((intestin\$ or bowel? or colon\$ or colorec\$ or ceco\$ or rect\$2) adj3 (prepar\$ or mechanical\$)).tw.	3249
37	((intestin\$ or bowel? or colon\$ or colorec\$ or ceco\$ or rect\$2) adj3 (purg\$ or wash\$)).tw.	338
38	or/35-37	3840
39	(surger\$ or surgical\$).hw,tw.	863009
40	su.fs.	679935
41	or/39-40	1130390
42	and/34,38,41	338
43	and/25,42	31
44	limit 43 to english language	28

**DARE/EED**

	Search	Matching records
# 1	MESH SURGICAL WOUND DEHISCENCE	17
# 2	MESH WOUND INFECTION	29

## Surgical site infection

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	<b>Search</b>	<b>Matching records</b>
# 3	MESH INFECTION CONTROL	192
# 4	MESH POSTOPERATIVE COMPLICATIONS	843
# 5	infect* OR sepsis* OR septic* OR dehiscen*	5488
# 6	SSI OR SSTI	11
# 7	#1 or #2 or #3 or #4 or #5 or #6	6169
# 8	intestin* OR bowel* OR colon* OR colorect* OR ceco* OR rect*	1892
# 9	MESH INTESTINES	21
# 10	MeSH Intestines EXPLODE 1	156
# 11	MeSH Intestines EXPLODE 1	156
# 12	#8 or #10	1912
# 13	prepar* OR mechanical* OR purg* OR wash*	2028
# 14	#7 and #12	486
# 15	#13 and #14	74
# 16	surger* OR surgical*	8086
# 17	#15 and #16	33

## SSI\_preoxygenation\_051107

### Ovid MEDLINE(R) 1950 to October Week 4 2007

#	<b>Search history</b>	<b>Results</b>
1	randomized controlled trial.pt.	245220
2	controlled clinical trial.pt.	76710
3	DOUBLE BLIND METHOD/	94341
4	SINGLE BLIND METHOD/	11508
5	RANDOM ALLOCATION/	59524
6	RANDOMIZED CONTROLLED TRIALS/	51860
7	or/1-6	415562
8	((single or double or triple or treble) adj5 (blind\$ or mask\$)).tw,sh.	91921
9	clinical trial.pt.	443369
10	exp CLINICAL TRIALS/	198624
11	(clinic\$ adj5 trial\$).tw,sh.	120012
12	PLACEBOS/	26844
13	placebo\$.tw,sh.	119144
14	random\$.tw,sh.	516901
15	or/8-14	868075
16	or/7,15	876592
17	META ANALYSIS/	7832
18	meta analysis.pt.	16967
19	(metaanaly\$ or meta-analy\$ or (meta adj analy\$)).tw,sh.	30150
20	(systematic\$ adj5 (review\$ or overview\$)).tw,sh.	15059
21	(methodologic\$ adj5 (review\$ or overview\$)).tw,sh.	1774

#	Search history	Results
22	or/17-21	41600
23	review\$.pt.	1332666
24	(medline or medlars or embase or cinahl or cochrane or psycinfo or psychinfo or psychlit or psychlit or "web of science" or "science citation" or scisearch).tw.	27300
25	((hand or manual\$) adj2 search\$).tw.	3059
26	(electronic database\$ or bibliographic database\$ or computeri?ed database\$ or online database\$).tw,sh.	4570
27	(pooling or pooled or mantel haenszel).tw,sh.	27484
28	(peto or dersimonian or der simonian or fixed effect).tw,sh.	1231
29	or/24-28	56474
30	23 and 29	23186
31	or/22,30	55720
32	CASE-CONTROL STUDIES/	92434
33	RETROSPECTIVE STUDIES/	281755
34	(case\$ adj2 series).ti,ab.	15586
35	(case\$ adj2 control\$).ti,ab.	48957
36	(compar\$ adj5 stud\$).tw.	205714
37	or/32-36	586481
38	or/16,31,37	1410665
39	letter.pt.	609244
40	comment.pt.	345358
41	editorial.pt.	211604
42	historical article.pt.	246542
43	or/39-42	1108504
44	38 not 43	1367381
45	SURGICAL WOUND INFECTION/	22097
46	SURGICAL WOUND DEHISCENCE/	4694
47	(SSI or SSTI).tw.	1581
48	WOUND INFECTION/	7615
49	INFECTION CONTROL/	13226
50	(infect\$ or sepsis or septic\$ or dehiscen\$).tw.	847213
51	WOUND HEALING/	50510
52	or/45-51	912465
53	OXYGEN INHALATION THERAPY/	9261
54	OXYGEN/	107199
55	((oxygen\$ or pre?oxygen\$) adj3 (intra?operativ\$ or peri?operativ\$ or operativ\$ or surg\$)).tw.	860
56	or/53-55	115031
57	(surger\$ or surgical\$).hw.	346593
58	su.fs.	1180250
59	(peri?operativ\$ or intra?operativ\$).tw.	77783
60	(perioperative or intraoperative).hw.	55241
61	or/57-60	1380337
62	and/52,56,61	357
63	and/44,62	106
64	limit 63 to humans	98
65	limit 64 to english language	86

**EMBASE 1980 to 2007 Week 44**

#	Search history	Results
1	CLINICAL TRIALS/	479669
2	(clinic\$ adj5 trial\$).ti,ab,sh.	112277
3	SINGLE BLIND PROCEDURE/	7158
4	DOUBLE BLIND PROCEDURE/	67102
5	RANDOM ALLOCATION/	24304
6	CROSSOVER PROCEDURE/	19610
7	PLACEBO/	106070
8	placebo\$.ti,ab,sh.	155326
9	random\$.ti,ab,sh.	389726
10	RANDOMIZED CONTROLLED TRIALS/	150784
11	((single or double or triple or treble) adj (blind\$ or mask\$)).ti,ab,sh.	87707
12	randomi?ed control\$ trial\$.tw.	27410
13	or/1-12	789530
14	META ANALYSIS/	32371
15	((meta adj analy\$) or metaanalys\$ or meta-analy\$).ti,ab,sh.	39939
16	(systematic\$ adj5 (review\$ or overview\$)).ti,sh,ab.	22330
17	(methodologic\$ adj5 (review\$ or overview\$)).ti,ab,sh.	1447
18	or/14-17	54031
19	review.pt.	837061
20	(medline or medlars or embase).ab.	19452
21	(scisearch or science citation index).ab.	567
22	(psychlit or psyclit or psychinfo or psycinfo or cinahl or cochrane).ab.	6095
23	((hand or manual\$) adj2 search\$).tw.	2240
24	(electronic database\$ or bibliographic database\$ or computeri?ed database\$ or online database\$).tw.	3533
25	(pooling or pooled or mantel haenszel).tw.	22348
26	(peto or dersimonian or "der simonian" or fixed effect).tw.	679
27	or/20-26	45623
28	19 and 27	15253
29	or/18,28	62833
30	COMPARATIVE STUDY/	100496
31	(compar\$ adj5 stud\$).tw.	167915
32	CASE-CONTROL STUDY/	16923
33	RETROSPECTIVE STUDY/	83665
34	(case\$ adj2 series).ti,ab.	14623
35	(case\$ adj2 control\$).ti,ab.	44355
36	or/30-35	384051
37	abstract report.tw,sh.	71202
38	note.tw,sh.	238758
39	short survey.tw,sh.	397555
40	letter.tw,sh.	385077
41	editorial.tw,sh.	240613
42	or/37-41	1322377
43	or/13,29,36	1121665
44	43 not 42	1033522
45	SURGICAL INFECTION/	3745

# Search history	Results
46 WOUND DEHISCENCE/	3125
47 WOUND INFECTION/	13855
48 POSTOPERATIVE INFECTION/	13683
49 (infect\$ or sepsis or septic\$ or dehiscen\$).tw.	648777
50 (SSI or SSTI).tw.	1215
51 WOUND HEALING/	26742
52 WOUND HEALING IMPAIRMENT/	1986
53 or/45-52	685723
54 OXYGEN THERAPY/	7614
55 ((oxygen\$ or pre?oxygen\$) adj3 (intra?operativ\$ or peri?operativ\$ or operativ\$ or surg\$)).tw.	712
56 ((oxygen\$ or pre?oxygen\$) adj3 (therap\$ or supplement\$)).tw.	6500
57 or/54-56	12319
58 (surger\$ or surgical\$).hw.	520196
59 su.fs.	680998
60 (perioperative or intraoperative).hw.	23479
61 or/58-60	916541
62 and/53,57,61	390
63 and/44,62	117
64 limit 63 to human	112
65 limit 64 to english language	99

#### CINAHL - Cumulative Index to Nursing & Allied Health Literature 1982 to October Week 4 2007

# Search history	Results
1 exp CLINICAL TRIALS/	48417
2 clinical trial.pt.	23404
3 (clinic\$ adj5 trial\$).tw,sh.	12325
4 SINGLE-BLIND STUDIES/	2495
5 DOUBLE-BLIND STUDIES/	9171
6 TRIPLE-BLIND STUDIES/	36
7 ((single or double or triple or treble) adj5 (blind\$ or mask\$)).tw,sh.	6754
8 RANDOM ASSIGNMENT/	16551
9 random\$.tw.	45424
10 RANDOMIZED CONTROLLED TRIALS/	36923
11 randomi?ed control\$ trial\$.tw.	9930
12 PLACEBOS/	3836
13 placebo\$.tw.	9431
14 or/1-13	80930
15 META ANALYSIS/	5752
16 ((meta adj analys\$) or metaanalys\$ or meta-analy\$).tw.	4053
17 SYSTEMATIC REVIEW/	3363
18 systematic review.pt.	9882
19 (systematic\$ adj5 (review\$ or overview\$)).tw.	7750
20 LITERATURE REVIEW/	2474
21 or/15-20	18690
22 ("review" or "review studies" or "review academic" or "review tutorial").ti,ab,sh,pt.	98459
23 (medline or medlars or embase or cochrane or scisearch or psycinfo or psychinfo or psychlit or	8270

## Surgical site infection

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#	Search history	Results
	psyclit or "web of science" or "science citation").tw.	
24	((hand or manual\$) adj2 search\$).tw.	944
25	(electronic database\$ or bibliographic database\$ or computeri?ed database\$ or online database\$).tw.	1521
26	(pooling or pooled or mantel haenszel).tw.	2186
27	(peto or dersimonian or "der simonian" or fixed effect).tw.	378
28	or/23-27	10716
29	and/22,28	6240
30	or/21,29	20352
31	or/14,30	92506
32	COMPARATIVE STUDIES/	42296
33	(compar\$ adj5 stud\$).tw.	15327
34	CASE-CONTROL STUDIES/	12381
35	(case\$ adj2 series).ti,ab.	1576
36	(case\$ adj2 control\$).ti,ab.	4048
37	RETROSPECTIVE DESIGN/	24336
38	RETROSPECTIVE PANEL STUDIES/	39
39	or/32-38	84571
40	letter.pt.	47898
41	commentary.pt.	68150
42	editorial.pt.	78351
43	or/40-42	159589
44	or/31,39	162465
45	44 not 43	149737
46	SURGICAL WOUND INFECTION/	1984
47	WOUND INFECTION/	1363
48	INFECTION CONTROL/	9996
49	SURGICAL WOUND DEHISCENCE/	213
50	(infect\$ or sepsis or septic\$ or dehiscen\$).tw.	43217
51	(SSI or SSTI).tw.	448
52	WOUND HEALING/	5595
53	or/46-52	54170
54	exp OXYGEN THERAPY/	2534
55	((oxygen\$ or pre?oxygen\$) adj3 (intra?operativ\$ or peri?operativ\$ or operativ\$ or surg\$)).tw.	62
56	((oxygen\$ or pre?oxygen\$) adj3 (therap\$ or supplement\$)).tw.	1269
57	or/54-56	3040
58	(surger\$ or surgical\$).hw.	33367
59	su.fs.	40982
60	(perioperative or intraoperative).hw.	11954
61	(peri?operativ\$ or intra?operativ\$).tw.	5581
62	or/58-61	71906
63	and/53,57,62	87
64	and/45,63	16
65	limit 64 to english	16

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**SSI\_preoxygenation\_economics\_medline\_061107**
**Ovid MEDLINE(R) 1950 to October Week 4 2007**

<b># Search history</b>	<b>Results</b>
1 ECONOMICS/	25194
2 "COSTS AND COST ANALYSIS"/	36228
3 COST ALLOCATION/	1827
4 COST-BENEFIT ANALYSIS/	41486
5 COST CONTROL/	17473
6 COST SAVINGS/	5835
7 COST OF ILLNESS/	9766
8 COST SHARING/	1321
9 HEALTH CARE COSTS/	15881
10 DIRECT SERVICE COSTS/	825
11 DRUG COSTS/	8321
12 EMPLOYER HEALTH COSTS/	977
13 HOSPITAL COSTS/	5381
14 HEALTH RESOURCES/	6033
15 "HEALTH SERVICES NEEDS AND DEMAND"/	27486
16 HEALTH PRIORITIES/	6463
17 HEALTH EXPENDITURES/	9711
18 CAPITAL EXPENDITURES/	1807
19 FINANCIAL MANAGEMENT/	14245
20 FINANCIAL MANAGEMENT, HOSPITAL/	6764
21 QUALITY-ADJUSTED LIFE YEARS/	3135
22 "DEDUCTIBLES AND COINSURANCE"/	1144
23 MEDICAL SAVINGS ACCOUNTS/	370
24 ECONOMICS, HOSPITAL/	8334
25 ECONOMICS, MEDICAL/	6917
26 ECONOMICS, NURSING/	3751
27 ECONOMICS, PHARMACEUTICAL/	1848
28 MODELS, ECONOMIC/	2920
29 MODELS, ECONOMETRIC/	2573
30 RESOURCE ALLOCATION/	5795
31 HEALTH CARE RATIONING/	8737
32 "FEES AND CHARGES"/	7255
33 BUDGETS/	7983
34 VALUE OF LIFE/	4904
35 (financ\$ or fiscal\$ or funding).tw.	51223
36 (QALY\$ or life?year\$).tw.	1830
37 (econom\$ or cost\$).tw.	266367
38 pharmaco-economic\$.tw.	1801
39 ec.fs.	234146
40 or/1-39	538355
41 SURGICAL WOUND INFECTION/	22097
42 SURGICAL WOUND DEHISCENCE/	4694
43 (SSI or SSTI).tw.	1581

## Surgical site infection

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#	Search history	Results
44	WOUND INFECTION/	7615
45	INFECTION CONTROL/	13226
46	(infect\$ or sepsis or septic\$ or dehiscen\$).tw.	847213
47	WOUND HEALING/	50510
48	or/41-47	912465
49	OXYGEN INHALATION THERAPY/	9261
50	OXYGEN/	107199
51	((oxygen\$ or pre?oxygen\$) adj3 (intra?operativ\$ or peri?operativ\$ or post?operativ\$ or pre?operativ\$ or operativ\$ or surg\$)).tw.	1399
52	or/49-51	115382
53	(surger\$ or surgical\$).hw.	346593
54	su.fs.	1180250
55	(peri?operativ\$ or intra?operativ\$).tw.	77783
56	(perioperative or intraoperative).hw.	55241
57	or/53-56	1380337
58	and/48,52,57	393
59	and/40,58	20

## EMBASE 1980 to 2007 Week 44

#	Search history	Results
1	ECONOMICS/	5419
2	HEALTH ECONOMICS/	9610
3	ECONOMIC EVALUATION/	3865
4	COST BENEFIT ANALYSIS/	27340
5	COST CONTROL/	15807
6	COST EFFECTIVENESS ANALYSIS/	51446
7	COST MINIMIZATION ANALYSIS/	1240
8	COST OF ILLNESS/	4188
9	COST UTILITY ANALYSIS/	2091
10	COST/	19548
11	HEALTH CARE COST/	55563
12	DRUG COST/	31263
13	HEALTH CARE FINANCING/	8831
14	HOSPITAL COST/	5958
15	SOCIOECONOMICS/	28159
16	ECONOMIC ASPECT/	68480
17	QUALITY-ADJUSTED LIFE YEARS/	3304
18	FINANCIAL MANAGEMENT/	21459
19	PHARMACOECONOMICS/	896
20	RESOURCE ALLOCATION/	6954
21	(financ\$ or fiscal\$ or funding).tw.	36270
22	(QALY\$ or life?year\$).tw.	1778
23	(econom\$ or cost\$).tw.	216805
24	pharmacoeconomic\$.tw.	2437
25	or/1-24	387737
26	SURGICAL INFECTION/	3745

# Search history	Results
27 WOUND DEHISCENCE/	3125
28 WOUND INFECTION/	13855
29 POSTOPERATIVE INFECTION/	13683
30 (infect\$ or sepsis or septic\$ or dehiscen\$).tw.	648777
31 (SSI or SSTI).tw.	1215
32 WOUND HEALING/	26742
33 WOUND HEALING IMPAIRMENT/	1986
34 or/26-33	685723
35 OXYGEN THERAPY/	7614
36 ((oxygen\$ or pre?oxygen\$) adj3 (intra?operativ\$ or peri?operativ\$ or operativ\$ or surg\$)).tw.	712
37 ((oxygen\$ or pre?oxygen\$) adj3 (therap\$ or supplement\$)).tw.	6500
38 or/35-37	12319
39 (surger\$ or surgical\$).hw.	520196
40 su.fs.	680998
41 (perioperative or intraoperative).hw.	23479
42 or/39-41	916541
43 and/34,38,42	390
44 and/25,43	31
45 limit 44 to english language	28

**DARE/EED** search was based on Medline search and retrieved **7 hits**

## SSI\_perfusion\_081107

**Ovid MEDLINE(R) 1950 to October Week 5 2007**

# Search history	Results
1 randomized controlled trial.pt.	245907
2 controlled clinical trial.pt.	76816
3 DOUBLE BLIND METHOD/	94569
4 SINGLE BLIND METHOD/	11551
5 RANDOM ALLOCATION/	59648
6 RANDOMIZED CONTROLLED TRIALS/	52231
7 or/1-6	416853
8 ((single or double or triple or treble) adj5 (blind\$ or mask\$)).tw,sh.	92176
9 clinical trial.pt.	443943
10 exp CLINICAL TRIALS/	199359
11 (clinic\$ adj5 trial\$).tw,sh.	120569
12 PLACEBOS/	26903
13 placebo\$.tw,sh.	119595
14 random\$.tw,sh.	518782
15 or/8-14	870924
16 or/7,15	879501
17 META ANALYSIS/	7873
18 meta analysis.pt.	17110
19 (metaanaly\$ or meta-analy\$ or (meta adj analy\$)).tw,sh.	30410
20 (systematic\$ adj5 (review\$ or overview\$)).tw,sh.	15215

## Surgical site infection

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#	Search history	Results
21	(methodologic\$ adj5 (review\$ or overview\$)).tw,sh.	1804
22	or/17-21	41962
23	review\$.pt.	1337731
24	(medline or medlars or embase or cinahl or cochrane or psycinfo or psychinfo or psychlit or psychlit or "web of science" or "science citation" or scisearch).tw.	27742
25	((hand or manual\$) adj2 search\$).tw.	3114
26	(electronic database\$ or bibliographic database\$ or computeri?ed database\$ or online database\$).tw,sh.	4621
27	(pooling or pooled or mantel haenszel).tw,sh.	27640
28	(peto or dersimonian or der simonian or fixed effect).tw,sh.	1264
29	or/24-28	57020
30	23 and 29	23609
31	or/22,30	56331
32	CASE-CONTROL STUDIES/	92806
33	RETROSPECTIVE STUDIES/	282871
34	(case\$ adj2 series).ti,ab.	15653
35	(case\$ adj2 control\$).ti,ab.	49139
36	(compar\$ adj5 stud\$).tw.	206265
37	or/32-36	588548
38	or/16,31,37	1415553
39	letter.pt.	611050
40	comment.pt.	347127
41	editorial.pt.	212740
42	historical article.pt.	248161
43	or/39-42	1113238
44	38 not 43	1372127
45	SURGICAL WOUND INFECTION/	22137
46	SURGICAL WOUND DEHISCENCE/	4698
47	(SSI or SSTI).tw.	1585
48	WOUND INFECTION/	7629
49	INFECTION CONTROL/	13264
50	((surg\$ or wound? or incision\$) adj3 (infect\$ or sepsis or septic\$ or dehiscen\$)).tw.	22794
51	WOUND HEALING/	50592
52	or/45-51	106296
53	perfusion.hw.	50387
54	((wound? or tissue?) adj3 (oxygenat\$ or perfus\$)).tw.	6792
55	INFUSIONS, INTRAVENOUS/	37928
56	INFUSIONS, PARENTERAL/	24147
57	FLUID THERAPY/	10467
58	(fluid? adj3 (supplement\$ or administ\$)).tw.	2876
59	fluid management.tw.	579
60	or/53-59	129485
61	(intra?operative\$ or peri?operative\$ or post?operative\$).tw.	277975
62	exp PERIOPERATIVE CARE/	60468
63	or/61-62	314810
64	and/52,60,63	321
65	and/44,64	168

# Search history	Results
66 limit 65 to humans	161
67 limit 66 to english language	131

**EMBASE 1980 to 2007 Week 44**

# Search history	Results
1 CLINICAL TRIALS/	479669
2 (clinic\$ adj5 trial\$.ti,ab,sh.	112277
3 SINGLE BLIND PROCEDURE/	7158
4 DOUBLE BLIND PROCEDURE/	67102
5 RANDOM ALLOCATION/	24304
6 CROSSOVER PROCEDURE/	19610
7 PLACEBO/	106070
8 placebo\$.ti,ab,sh.	155326
9 random\$.ti,ab,sh.	389726
10 RANDOMIZED CONTROLLED TRIALS/	150784
11 ((single or double or triple or treble) adj (blind\$ or mask\$)).ti,ab,sh.	87707
12 randomi?ed control\$ trial\$.tw.	27410
13 or/1-12	789530
14 META ANALYSIS/	32371
15 ((meta adj analy\$) or metaanalys\$ or meta-analy\$).ti,ab,sh.	39939
16 (systematic\$ adj5 (review\$ or overview\$)).ti,sh,ab.	22330
17 (methodologic\$ adj5 (review\$ or overview\$)).ti,ab,sh.	1447
18 or/14-17	54031
19 review.pt.	837061
20 (medline or medlars or embase).ab.	19452
21 (scisearch or science citation index).ab.	567
22 (psychlit or psychlit or psychinfo or psycinfo or cinahl or cochrane).ab.	6095
23 ((hand or manual\$) adj2 search\$.tw.	2240
24 (electronic database\$ or bibliographic database\$ or computeri?ed database\$ or online database\$.tw.	3533
25 (pooling or pooled or mantel haenszel).tw.	22348
26 (peto or dersimonian or "der simonian" or fixed effect).tw.	679
27 or/20-26	45623
28 19 and 27	15253
29 or/18,28	62833
30 COMPARATIVE STUDY/	100496
31 (compar\$ adj5 stud\$.tw.	167915
32 CASE-CONTROL STUDY/	16923
33 RETROSPECTIVE STUDY/	83665
34 (case\$ adj2 series).ti,ab.	14623
35 (case\$ adj2 control\$.ti,ab.	44355
36 or/30-35	384051
37 abstract report.tw,sh.	71202
38 note.tw,sh.	238758
39 short survey.tw,sh.	397555
40 letter.tw,sh.	385077

## Surgical site infection

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# Search history	Results
41 editorial.tw,sh.	240613
42 or/37-41	1322377
43 or/13,29,36	1121665
44 43 not 42	1033522
45 SURGICAL INFECTION/	3745
46 WOUND DEHISCENCE/	3125
47 WOUND INFECTION/	13855
48 POSTOPERATIVE INFECTION/	13683
49 (infect\$ or sepsis or septic\$ or dehiscen\$).tw.	648777
50 (SSI or SSTI).tw.	1215
51 WOUND HEALING/	26742
52 WOUND HEALING IMPAIRMENT/	1986
53 or/45-52	685723
54 TISSUE PERFUSION/	2487
55 (perfus\$ adj3 (intra?operativ\$ or peri?operativ\$ or post?operativ\$)).tw.	347
56 ((wound? or tissue?) adj3 (oxygenat\$ or perfus\$)).tw.	5884
57 INFUSION/	5083
58 INTRAVENOUS ADMINISTRATION/	1484
59 ((intra?operativ\$ or peri?operativ\$ or post?operativ\$) adj3 fluid management).tw.	85
60 (fluid adj3 therap\$).tw.	1500
61 or/54-60	15726
62 (intra?operative\$ or peri?operative\$ or post?operative\$).tw.	228864
63 PERIOPERATIVE PERIOD/	11651
64 or/62-63	231553
65 and/53,61,64	186
66 and/44,65	53
67 limit 66 to human	45
68 limit 67 to english language	43

## CINAHL - Cumulative Index to Nursing & Allied Health Literature 1982 to November Week 1 2007

# Search history	Results
1 exp CLINICAL TRIALS/	48831
2 clinical trial.pt.	23703
3 (clinic\$ adj5 trial\$).tw,sh.	12420
4 SINGLE-BLIND STUDIES/	2504
5 DOUBLE-BLIND STUDIES/	9252
6 TRIPLE-BLIND STUDIES/	37
7 ((single or double or triple or treble) adj5 (blind\$ or mask\$)).tw,sh.	6791
8 RANDOM ASSIGNMENT/	16681
9 random\$.tw.	45664
10 RANDOMIZED CONTROLLED TRIALS/	37280
11 randomi?ed control\$ trial\$.tw.	9984
12 PLACEBOS/	3850
13 placebo\$.tw.	9479
14 or/1-13	81596
15 META ANALYSIS/	5792

# Search history	Results
16 ((meta adj analys\$) or metaanalys\$ or meta-analy\$).tw.	4074
17 SYSTEMATIC REVIEW/	3380
18 systematic review.pt.	9939
19 (systematic\$ adj5 (review\$ or overview\$)).tw.	7781
20 LITERATURE REVIEW/	2481
21 or/15-20	18797
22 ("review" or "review studies" or "review academic" or "review tutorial").ti,ab,sh,pt.	99079
23 (medline or medlars or embase or cochrane or scisearch or psycinfo or psychinfo or psychlit or psyclit or "web of science" or "science citation").tw.	8304
24 ((hand or manual\$) adj2 search\$).tw.	945
25 (electronic database\$ or bibliographic database\$ or computerized database\$ or online database\$).tw.	1525
26 (pooling or pooled or mantel haenszel).tw.	2206
27 (peto or dersimonian or "der simonian" or fixed effect).tw.	378
28 or/23-27	10771
29 and/22,28	6266
30 or/21,29	20468
31 or/14,30	93227
32 COMPARATIVE STUDIES/	42661
33 (compar\$ adj5 stud\$).tw.	15405
34 CASE-CONTROL STUDIES/	12511
35 (case\$ adj2 series).ti,ab.	1604
36 (case\$ adj2 control\$).ti,ab.	4083
37 RETROSPECTIVE DESIGN/	24757
38 RETROSPECTIVE PANEL STUDIES/	39
39 or/32-38	85470
40 letter.pt.	48304
41 commentary.pt.	68601
42 editorial.pt.	78620
43 or/40-42	160371
44 or/31,39	163976
45 44 not 43	151154
46 SURGICAL WOUND INFECTION/	1995
47 WOUND INFECTION/	1380
48 INFECTION CONTROL/	10012
49 SURGICAL WOUND DEHISCENCE/	215
50 (infect\$ or sepsis or septic\$ or dehiscen\$).tw.	43457
51 (SSI or SSTI).tw.	449
52 WOUND HEALING/	5630
53 or/46-52	54452
54 TISSUE PERFUSION/	525
55 INFUSIONS, INTRAVENOUS/	1501
56 INFUSIONS, PARENTERAL/	140
57 FLUID THERAPY/	1180
58 (perfus\$ adj3 (intra?operativ\$ or peri?operativ\$ or post?operativ\$)).tw.	11
59 ((wound? or tissue?) adj3 (oxygenat\$ or perfus\$)).tw.	359
60 ((intra?operativ\$ or peri?operativ\$ or post?operativ\$) adj3 fluid management).tw.	15

## Surgical site infection

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# Search history	Results
61 or/54-60	3567
62 (intra?operative\$ or peri?operative\$ or post?operative\$).tw.	14135
63 exp PERIOPERATIVE CARE/	12581
64 or/62-63	23404
65 and/53,61,64	39
66 and/44,65	10
67 limit 66 to english	10

## SSI\_perfusion\_economics\_201107

### Ovid MEDLINE(R) 1950 to November Week 1 2007

# Search history	Results
1 ECONOMICS/	25222
2 "COSTS AND COST ANALYSIS"/	36326
3 COST ALLOCATION/	1830
4 COST-BENEFIT ANALYSIS/	41683
5 COST CONTROL/	17523
6 COST SAVINGS/	5854
7 COST OF ILLNESS/	9822
8 COST SHARING/	1329
9 HEALTH CARE COSTS/	16016
10 DIRECT SERVICE COSTS/	827
11 DRUG COSTS/	8358
12 EMPLOYER HEALTH COSTS/	982
13 HOSPITAL COSTS/	5397
14 HEALTH RESOURCES/	6057
15 "HEALTH SERVICES NEEDS AND DEMAND"/	27633
16 HEALTH PRIORITIES/	6498
17 HEALTH EXPENDITURES/	9750
18 CAPITAL EXPENDITURES/	1808
19 FINANCIAL MANAGEMENT/	14256
20 FINANCIAL MANAGEMENT, HOSPITAL/	6768
21 QUALITY-ADJUSTED LIFE YEARS/	3156
22 "DEDUCTIBLES AND COINSURANCE"/	1145
23 MEDICAL SAVINGS ACCOUNTS/	374
24 ECONOMICS, HOSPITAL/	8340
25 ECONOMICS, MEDICAL/	6936
26 ECONOMICS, NURSING/	3756
27 ECONOMICS, PHARMACEUTICAL/	1872
28 MODELS, ECONOMIC/	2938
29 MODELS, ECONOMETRIC/	2585
30 RESOURCE ALLOCATION/	5828
31 HEALTH CARE RATIONING/	8787
32 "FEES AND CHARGES"/	7270
33 BUDGETS/	8001

#	Search history	Results
34	VALUE OF LIFE/	4927
35	(financ\$ or fiscal\$ or funding).tw.	51444
36	(QALY\$ or life?year\$).tw.	1850
37	(econom\$ or cost\$).tw.	267678
38	pharmacoeconomic\$.tw.	1815
39	ec.fs.	235175
40	or/1-39	540793
41	SURGICAL WOUND INFECTION/	22155
42	SURGICAL WOUND DEHISCENCE/	4699
43	(SSI or SSTI).tw.	1587
44	WOUND INFECTION/	7633
45	INFECTION CONTROL/	13295
46	((surg\$ or wound? or incision\$) adj3 (infect\$ or sepsis or septic\$ or dehiscen\$)).tw.	22834
47	WOUND HEALING/	50642
48	or/41-47	106430
49	perfusion.hw.	50404
50	((wound? or tissue?) adj3 (oxygenat\$ or perfus\$)).tw.	6800
51	INFUSIONS, INTRAVENOUS/	37973
52	INFUSIONS, PARENTERAL/	24154
53	FLUID THERAPY/	10476
54	(fluid? adj3 (supplement\$ or administ\$)).tw.	2878
55	fluid management.tw.	579
56	or/49-55	129570
57	(intra?operative\$ or peri?operative\$ or post?operative\$).tw.	278361
58	exp PERIOPERATIVE CARE/	60513
59	or/57-58	315218
60	and/48,56,59	321
61	and/40,60	35
62	limit 61 to english language	26

### EMBASE 1996 to 2007 Week 46

#	Search history	Results
1	ECONOMICS/	2915
2	HEALTH ECONOMICS/	7639
3	ECONOMIC EVALUATION/	3879
4	COST BENEFIT ANALYSIS/	21793
5	COST CONTROL/	12058
6	COST EFFECTIVENESS ANALYSIS/	43563
7	COST MINIMIZATION ANALYSIS/	1245
8	COST OF ILLNESS/	4214
9	COST UTILITY ANALYSIS/	2100
10	COST/	10151
11	HEALTH CARE COST/	47481
12	DRUG COST/	25948
13	HEALTH CARE FINANCING/	6464
14	HOSPITAL COST/	4715

## Surgical site infection

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#	Search history	Results
15	SOCIOECONOMICS/	23474
16	ECONOMIC ASPECT/	18584
17	QUALITY-ADJUSTED LIFE YEARS/	3316
18	FINANCIAL MANAGEMENT/	20851
19	PHARMACOECONOMICS/	836
20	RESOURCE ALLOCATION/	5985
21	(financ\$ or fiscal\$ or funding).tw.	24685
22	(QALY\$ or life?year\$).tw.	1614
23	(econom\$ or cost\$).tw.	152217
24	pharmacoeconomic\$.tw.	2221
25	or/1-24	268080
26	SURGICAL INFECTION/	3125
27	WOUND DEHISCENCE/	2601
28	WOUND INFECTION/	9091
29	POSTOPERATIVE INFECTION/	9797
30	(infect\$ or sepsis or septic\$ or dehiscen\$).tw.	397338
31	(SSI or SSTI).tw.	859
32	WOUND HEALING/	18181
33	WOUND HEALING IMPAIRMENT/	1998
34	or/26-33	423132
35	TISSUE PERFUSION/	1891
36	(perfus\$ adj3 (intra?operativ\$ or peri?operativ\$ or post?operativ\$)).tw.	220
37	((wound? or tissue?) adj3 (oxygenat\$ or perfus\$)).tw.	3472
38	INFUSION/	3422
39	INTRAVENOUS ADMINISTRATION/	785
40	((intra?operativ\$ or peri?operativ\$ or post?operativ\$) adj3 fluid management).tw.	65
41	(fluid adj3 therap\$).tw.	814
42	or/35-41	9778
43	(intra?operative\$ or peri?operative\$ or post?operative\$).tw.	147204
44	PERIOPERATIVE PERIOD/	10376
45	or/43-44	149586
46	and/34,42,45	123
47	and/25,46	8
48	limit 47 to english language	5

## EED/DARE

#	Search	Matching records
# 1	MESH SURGICAL WOUND INFECTION	161
# 2	MESH SURGICAL WOUND DEHISCENCE	17
# 3	MESH WOUND INFECTION	29
# 4	MESH INFECTION CONTROL	192
# 5	MESH WOUND HEALING	227
# 6	SSI OR SSTI	11
# 8	#1 or #2 or #3 or #4 or #5 or #6	575

	<b>Search</b>	<b>Matching records</b>
# 9	perfusion OR infusion*	991
# 10	MESH INFUSIONS, INTRAVENOUS	208
# 11	MESH INFUSIONS, PARENTERAL	36
# 12	MESH FLUID THERAPY	43
# 13	#9 or #10 or #11 or #12	1020
# 14	#8 and #13	14

## SSI\_clean\_sterile\_dressings\_231107

### Ovid MEDLINE(R) 1950 to November Week 2 2007

#	<b>Search history</b>	<b>Results</b>
1	SURGICAL WOUND INFECTION/	22182
2	SURGICAL WOUND DEHISCENCE/	4700
3	(SSI or SSTI).ti,ab.	1596
4	WOUND INFECTION/	7641
5	INFECTION CONTROL/	13331
6	((wound? or incision\$) adj5 (infect\$ or sepsis or septic\$ or dehiscen\$)).ti,ab.	16930
7	or/1-6	56210
8	BANDAGES/	11239
9	BANDAGES, HYDROCOLLOID/	401
10	OCCLUSIVE DRESSINGS/	2961
11	BIOLOGICAL DRESSINGS/	900
12	bandag\$.ti,ab.	2977
13	dressings?.ti,ab.	9119
14	hydrocolloid?.ti,ab.	919
15	gauz\$.ti,ab.	1930
16	silicon\$ foam elastomer?.ti,ab.	6
17	(wound? adj5 silastic).ti,ab.	21
18	silicone foam?.ti,ab.	43
19	(film adj3 membrane?).ti,ab.	96
20	comfeel.ti,ab.	36
21	biatain.ti,ab.	18
22	physiotulle\$.ti,ab.	1
23	alione.ti,ab.	5
24	seasorb.ti,ab.	4
25	tegaderm.ti,ab.	88
26	coloplast.ti,ab.	56
27	aquacel.ti,ab.	33
28	acticoat.ti,ab.	42
29	mepore.ti,ab.	7
30	hydrasorb.ti,ab.	2
31	cutiplast.ti,ab.	3
32	or/8-31	22685

## Surgical site infection

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#	Search history	Results
33	PHYSICIANS' OFFICES/	1153
34	OPERATING ROOMS/	8182
35	exp HOSPITALS/	155314
36	AMBULATORY CARE/	29114
37	AMBULATORY CARE FACILITIES/	8074
38	(operating adj3 (theatre? or room?)).tw.	12908
39	clinic?.tw.	138695
40	clean.tw.	13024
41	sterile.tw.	19455
42	(no?touch or non?touch).tw.	18
43	aseptic\$.tw.	9720
44	or/33-43	373117
45	post?operativ\$.tw.	230256
46	POSTOPERATIVE CARE/	43549
47	or/45-46	259450
48	and/7,32	1987
49	and/44,47	10314
50	and/48-49	57
51	limit 50 to humans	55
52	limit 51 to english language	45

### EMBASE 1980 to 2007 Week 46

#	Search history	Results
1	SURGICAL INFECTION/	3758
2	WOUND DEHISCENCE/	3130
3	WOUND INFECTION/	13868
4	POSTOPERATIVE INFECTION/	13704
5	((wound? or incision\$) adj5 (infect\$ or sepsis or septic\$ or dehiscen\$)).ti,ab.	13369
6	((surger\$ or surgical\$) adj5 (infect\$ or sepsis or septic\$ or dehiscen\$)).ti,ab.	11194
7	(SSI or SSTI).ti,ab.	1214
8	or/1-7	43724
9	"BANDAGES AND DRESSINGS"/	93
10	BANDAGE/	1582
11	FOAM DRESSING/	32
12	GAUZE DRESSING/	169
13	HYDROCOLLOID DRESSING/	48
14	HYDROGEL DRESSING/	33
15	TRANSPARENT DRESSING/	8
16	WOUND DRESSING/	4780
17	bandag\$.ti,ab.	1972
18	dressing?.ti,ab.	6022
19	hydrocolloid?.ti,ab.	494
20	gauz\$.ti,ab.	1414
21	silicon\$ foam elastomer?.ti,ab.	5
22	(wound? adj5 silastic).ti,ab.	17
23	silicone foam?.ti,ab.	26

#	Search history	Results
24	(film adj3 membrane?).ti,ab.	199
25	comfeel.ti,ab.	28
26	biatain.ti,ab.	4
27	physiotulle\$.ti,ab.	0
28	alione.ti,ab.	0
29	seasorb.ti,ab.	3
30	tegaderm.ti,ab.	79
31	coloplast.ti,ab.	25
32	aquacel.ti,ab.	30
33	acticoat.ti,ab.	42
34	mepore.ti,ab.	6
35	hydrasorb.ti,ab.	2
36	cutiplast.ti,ab.	2
37	or/9-36	12013
38	AMBULATORY CARE/	6418
39	OPERATING ROOM/	5504
40	(clinic? or doctor\$ office? or physician\$ office?).tw.	101279
41	(operating adj3 (theatre? or room?)).tw.	9527
42	clean.tw.	14358
43	sterile.tw.	14558
44	(no?touch or non?touch).tw.	17
45	aseptic\$.tw.	7325
46	ASEPSIS/	1257
47	ANTISEPSIS/	950
48	HOSPITAL/	19577
49	or/38-48	172850
50	POSTOPERATIVE CARE/	20549
51	post?operativ\$.tw.	186983
52	or/50-51	196949
53	and/8,37	1244
54	and/49,52	7114
55	and/53-54	46
56	limit 55 to human	40
57	limit 56 to english language	32

### CINAHL - Cumulative Index to Nursing & Allied Health Literature 1982 to November Week 3 2007

#	Search history	Results
1	SURGICAL WOUND INFECTION/	1994
2	WOUND INFECTION/	1381
3	INFECTION CONTROL/	10016
4	((surger\$ or surgical\$) adj5 (infect\$ or sepsis or septic\$ or dehiscen\$)).ti,ab.	1303
5	((wound? or incision\$) adj5 (infect\$ or sepsis or septic\$ or dehiscen\$)).ti,ab.	1466
6	(SSI or SSTI).ti,ab.	315
7	SURGICAL WOUND DEHISCENCE/	215
8	or/1-7	14201
9	"BANDAGES AND DRESSINGS"/	4181

## Surgical site infection

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#	Search history	Results
10	BIOLOGICAL DRESSINGS/	181
11	FOAM DRESSINGS/	265
12	GAUZE DRESSINGS/	134
13	HYDROCOLLOID DRESSINGS/	317
14	HYDROGEL DRESSINGS/	265
15	OCCLUSIVE DRESSINGS/	337
16	TRANSPARENT DRESSINGS/	174
17	(film adj3 membrane?).ti,ab.	1
18	comfeel.ti,ab.	12
19	tegaderm.ti,ab.	20
20	coloplast.ti,ab.	31
21	or/9-20	5112
22	AMBULATORY CARE/	3408
23	AMBULATORY CARE FACILITIES/	1647
24	PRACTITIONER'S OFFICE/	603
25	OPERATING ROOMS/	3227
26	HOSPITALS/	16230
27	(operating adj3 (theatre? or room?)).tw.	2002
28	clinic?.tw.	18175
29	clean.tw.	1352
30	sterile.tw.	1017
31	(no?touch or non?touch).tw.	0
32	aseptic\$.tw.	493
33	ASEPSIS/	365
34	or/22-33	45302
35	post?operativ\$.tw.	9902
36	POSTOPERATIVE PERIOD/	1402
37	or/35-36	10781
38	and/8,21	690
39	and/34,37	649
40	and/38-39	6
41	limit 40 to english	5

## SSI\_hand\_scrub\_nails\_jewelry\_271107

### Ovid MEDLINE(R) 1950 to November Week 2 2007

#	Search history	Results
1	SURGICAL WOUND INFECTION/	22182
2	SURGICAL WOUND DEHISCENCE/	4700
3	(SSI or SSTI).tw.	1596
4	WOUND INFECTION/	7641
5	INFECTION CONTROL/	13331
6	((wound? or incision\$) adj3 (infect\$ or sepsis or septic\$ or dehiscen\$)).tw.	15592
7	((surger\$ or surgical\$) adj3 (infect\$ or sepsis or septic\$ or dehiscen\$)).tw.	9023
8	POSTOPERATIVE COMPLICATIONS/	228450

#	Search history	Results
9	SURGICAL WOUND DEHISCENCE/	4700
10	or/1-9	278425
11	HANDWASHING/	2757
12	(hand? adj3 (wash\$ or scrub\$ or disinfect\$ or decontaminat\$)).tw.	2024
13	(hand? adj3 (anti?septic\$ or soap\$ or solution?)).tw.	342
14	handwash\$.tw.	1047
15	(hand? adj3 alcohol\$).tw.	377
16	NAILS/	4310
17	((nail? or finger?nail?) adj3 (false or fake or artificial or acrylic\$)).tw.	97
18	((nail? or finger?nail?) adj3 polish\$).tw.	166
19	nail?polish.tw.	2
20	((ring? or bracelet?) adj3 (wear\$ or hand? or finger? or remov\$ or tak\$ off)).tw.	2749
21	(jewelry adj3 (hand? or finger? or wrist?)).tw.	6
22	or/11-21	11781
23	SURGICAL PROCEDURES, OPERATIVE/	43925
24	surgeon?.tw.	73534
25	nurse?.tw.	129498
26	((operating room or scrub or operating theatre) adj3 (team? or personnel or staff)).tw.	642
27	exp NURSING STAFF/	42978
28	exp MEDICAL STAFF/	18711
29	(surg\$ adj3 (team? or staff)).tw.	3293
30	or/23-29	285935
31	and/10,22	1214
32	and/30-31	229
33	limit 32 to humans	225
34	limit 33 to english language	198
35	letter.pt.	612627
36	comment.pt.	348760
37	editorial.pt.	213480
38	historical article.pt.	248519
39	or/35-38	1116464
40	34 not 39	192
41	limit 40 to yr = "2005 - 2007"	65

### EMBASE 1980 to 2007 Week 47

#	Search history	Results
1	SURGICAL INFECTION/	3765
2	WOUND DEHISCENCE/	3139
3	WOUND INFECTION/	13903
4	POSTOPERATIVE INFECTION/	13740
5	((wound? or incision\$) adj5 (infect\$ or sepsis or septic\$ or dehiscen\$)).tw.	13391
6	((surger\$ or surgical\$) adj5 (infect\$ or sepsis or septic\$ or dehiscen\$)).tw.	11215
7	(SSI or SSTI).tw.	1222
8	POSTOPERATIVE COMPLICATION/	91602
9	WOUND DEHISCENCE/	3139
10	or/1-9	127469

## Surgical site infection

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#	Search history	Results
11	HAND WASHING/	2393
12	(hand? adj3 (wash\$ or scrub\$ or disinfect\$ or decontaminat\$)).tw.	1417
13	(hand? adj3 (anti?septic\$ or soap\$ or solution?)).tw.	284
14	(hand? adj3 alcohol\$).tw.	321
15	handwash\$.tw.	674
16	NAIL/	1714
17	((nail? or finger?nail?) adj3 (false or fake or artificial or acrylic\$)).tw.	82
18	((nail? or finger?nail?) adj3 polish\$).tw.	90
19	nail?polish.tw.	1
20	((ring? or bracelet?) adj3 (wear\$ or hand? or finger? or remov\$ or tak\$ off)).tw.	2396
21	(jewelry adj3 (hand? or finger? or wrist?)).tw.	3
22	or/11-21	7678
23	surgeon?.tw.	73170
24	nurse?.tw.	33076
25	((operating room or scrub or operating theatre) adj3 (team? or personnel or staff)).tw.	479
26	(surg\$ adj3 (team? or staff)).tw.	2569
27	MEDICAL STAFF/	7145
28	NURSING STAFF/	2703
29	OPERATING ROOM PERSONNEL/	631
30	SURGEON/	16840
31	or/23-30	121423
32	and/10,22	256
33	and/31-32	62
34	limit 33 to human	55
35	limit 34 to english language	51
36	letter.sh,tw.	386884
37	editorial.tw,sh.	241846
38	comment.tw,sh.	15441
39	or/36-38	634078
40	35 not 39	46
41	limit 40 to yr="2005 - 2007"	15

## CINAHL - Cumulative Index to Nursing & Allied Health Literature 1982 to November Week 3 2007

#	Search history	Results
1	SURGICAL WOUND INFECTION/	1994
2	SURGICAL WOUND DEHISCENCE/	215
3	(SSI or SSTI).tw.	450
4	WOUND INFECTION/	1381
5	INFECTION CONTROL/	10016
6	((wound? or incision\$) adj3 (infect\$ or sepsis or septic\$ or dehiscen\$)).tw.	1308
7	((surger\$ or surgical\$) adj3 (infect\$ or sepsis or septic\$ or dehiscen\$)).tw.	1020
8	POSTOPERATIVE COMPLICATIONS/	8519
9	SURGICAL WOUND DEHISCENCE/	215
10	or/1-9	22116
11	HANDWASHING/	2270
12	(hand? adj3 (wash\$ or scrub\$ or disinfect\$ or decontaminat\$)).tw.	662
13	(hand? adj3 (anti?septic\$ or soap\$ or solution?)).tw.	84

#	Search history	Results
14	handwash\$.tw.	532
15	(hand? adj3 alcohol\$.tw.	182
16	NAILS/	418
17	((nail? or finger?nail?) adj3 (false or fake or artificial or acrylic\$)).tw.	47
18	((nail? or finger?nail?) adj3 polish\$).tw.	29
19	nail?polish.tw.	0
20	((ring? or bracelet?) adj3 (wear\$ or hand? or finger? or remov\$ or tak\$ off)).tw.	83
21	(jewelry adj3 (hand? or finger? or wrist?)).tw.	1
22	or/11-21	3063
23	SURGERY, OPERATIVE/	2818
24	surgeon?.tw.	5603
25	nurse?.tw.	135486
26	((operating room or scrub or operating theatre) adj3 (team? or personnel or staff)).tw.	125
27	NURSING STAFF, HOSPITAL/	7644
28	exp MEDICAL STAFF, HOSPITAL/	566
29	(surg\$ adj3 (team? or staff)).tw.	500
30	or/23-29	147243
31	and/10,22	1142
32	and/30-31	189
33	limit 32 to english	174
34	limit 33 to yr="2005 - 2007"	55

## SSI\_hand\_scrub\_nails\_jewelry\_economics\_271107

### Ovid MEDLINE(R) 1950 to November Week 2 2007

#	Search history	Results
1	ECONOMICS/	25237
2	"COSTS AND COST ANALYSIS"/	36345
3	COST ALLOCATION/	1830
4	COST-BENEFIT ANALYSIS/	41737
5	COST CONTROL/	17535
6	COST SAVINGS/	5855
7	COST OF ILLNESS/	9873
8	COST SHARING/	1330
9	HEALTH CARE COSTS/	16042
10	DIRECT SERVICE COSTS/	828
11	DRUG COSTS/	8371
12	EMPLOYER HEALTH COSTS/	982
13	HOSPITAL COSTS/	5400
14	HEALTH RESOURCES/	6072
15	"HEALTH SERVICES NEEDS AND DEMAND"/	27706
16	HEALTH PRIORITIES/	6508
17	HEALTH EXPENDITURES/	9771
18	CAPITAL EXPENDITURES/	1809
19	FINANCIAL MANAGEMENT/	14258
20	FINANCIAL MANAGEMENT, HOSPITAL/	6768
21	QUALITY-ADJUSTED LIFE YEARS/	3162

## Surgical site infection

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#	Search history	Results
22	"DEDUCTIBLES AND COINSURANCE"/	1148
23	MEDICAL SAVINGS ACCOUNTS/	375
24	ECONOMICS, HOSPITAL/	8341
25	ECONOMICS, MEDICAL/	6943
26	ECONOMICS, NURSING/	3758
27	ECONOMICS, PHARMACEUTICAL/	1874
28	MODELS, ECONOMIC/	2944
29	MODELS, ECONOMETRIC/	2591
30	RESOURCE ALLOCATION/	5833
31	HEALTH CARE RATIONING/	8793
32	"FEES AND CHARGES"/	7275
33	BUDGETS/	8005
34	VALUE OF LIFE/	4930
35	(financ\$ or fiscal\$ or funding).tw.	51581
36	(QALY\$ or life?year\$).tw.	1855
37	(econom\$ or cost\$).tw.	268277
38	pharmacoeconomic\$.tw.	1819
39	ec.fs.	235528
40	or/1-39	541795
41	SURGICAL WOUND INFECTION/	22182
42	SURGICAL WOUND DEHISCENCE/	4700
43	(SSI or SSTI).tw.	1596
44	WOUND INFECTION/	7641
45	INFECTION CONTROL/	13331
46	((wound? or incision\$) adj3 (infect\$ or sepsis or septic\$ or dehiscen\$)).tw.	15592
47	((surger\$ or surgical\$) adj3 (infect\$ or sepsis or septic\$ or dehiscen\$)).tw.	9023
48	POSTOPERATIVE COMPLICATIONS/	228450
49	SURGICAL WOUND DEHISCENCE/	4700
50	or/41-49	278425
51	HANDWASHING/	2757
52	(hand? adj3 (wash\$ or scrub\$ or disinfect\$ or decontaminat\$)).tw.	2024
53	(hand? adj3 (anti?septic\$ or soap\$ or solution?)).tw.	342
54	handwash\$.tw.	1047
55	(hand? adj3 alcohol\$).tw.	377
56	NAILS/	4310
57	((nail? or finger?nail?) adj3 (false or fake or artificial or acrylic\$)).tw.	97
58	((nail? or finger?nail?) adj3 polish\$).tw.	166
59	nail?polish.tw.	2
60	((ring? or bracelet?) adj3 (wear\$ or hand? or finger? or remov\$ or tak\$ off)).tw.	2749
61	(jewelry adj3 (hand? or finger? or wrist?)).tw.	6
62	or/51-61	11781
63	SURGICAL PROCEDURES, OPERATIVE/	43925
64	surgeon?.tw.	73534
65	nurse?.tw.	129498
66	((operating room or scrub or operating theatre) adj3 (team? or personnel or staff)).tw.	642
67	exp NURSING STAFF/	42978
68	exp MEDICAL STAFF/	18711

#	Search history	Results
69	(surg\$ adj3 (team? or staff)).tw.	3293
70	or/63-69	285935
71	and/50,62	1214
72	and/70-71	229
73	and/40,72	29
74	limit 73 to english language	26

**EMBASE 1980 to 2007 Week 47**

#	Search history	Results
1	ECONOMICS/	5437
2	HEALTH ECONOMICS/	9649
3	ECONOMIC EVALUATION/	3896
4	COST BENEFIT ANALYSIS/	27460
5	COST CONTROL/	15866
6	COST EFFECTIVENESS ANALYSIS/	51766
7	COST MINIMIZATION ANALYSIS/	1251
8	COST OF ILLNESS/	4234
9	COST UTILITY ANALYSIS/	2108
10	COST/	19587
11	HEALTH CARE COST/	55901
12	DRUG COST/	31442
13	HEALTH CARE FINANCING/	8862
14	HOSPITAL COST/	5992
15	SOCIOECONOMICS/	28359
16	ECONOMIC ASPECT/	68607
17	QUALITY-ADJUSTED LIFE YEARS/	3351
18	FINANCIAL MANAGEMENT/	21568
19	PHARMACOECONOMICS/	897
20	RESOURCE ALLOCATION/	6974
21	(financ\$ or fiscal\$ or funding).tw.	36434
22	(QALY\$ or life?year\$).tw.	1804
23	(econom\$ or cost\$).tw.	217897
24	pharmacoeconomic\$.tw.	2455
25	or/1-24	389544
26	SURGICAL INFECTION/	3765
27	WOUND DEHISCENCE/	3139
28	WOUND INFECTION/	13903
29	POSTOPERATIVE INFECTION/	13740
30	((wound? or incision\$) adj5 (infect\$ or sepsis or septic\$ or dehiscen\$)).tw.	13391
31	((surger\$ or surgical\$) adj5 (infect\$ or sepsis or septic\$ or dehiscen\$)).tw.	11215
32	(SSI or SSTI).tw.	1222
33	POSTOPERATIVE COMPLICATION/	91602
34	WOUND DEHISCENCE/	3139
35	or/26-34	127469
36	HAND WASHING/	2393
37	(hand? adj3 (wash\$ or scrub\$ or disinfect\$ or decontaminat\$)).tw.	1417

## Surgical site infection

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#	Search history	Results
38	(hand? adj3 (anti?septic\$ or soap\$ or solution?)).tw.	284
39	(hand? adj3 alcohol\$).tw.	321
40	handwash\$.tw.	674
41	NAIL/	1714
42	((nail? or finger?nail?) adj3 (false or fake or artificial or acrylic\$)).tw.	82
43	((nail? or finger?nail?) adj3 polish\$).tw.	90
44	nail?polish.tw.	1
45	((ring? or bracelet?) adj3 (wear\$ or hand? or finger? or remov\$ or tak\$ off)).tw.	2396
46	(jewelry adj3 (hand? or finger? or wrist?)).tw.	3
47	or/36-46	7678
48	surgeon?.tw.	73170
49	nurse?.tw.	33076
50	((operating room or scrub or operating theatre) adj3 (team? or personnel or staff)).tw.	479
51	(surg\$ adj3 (team? or staff)).tw.	2569
52	MEDICAL STAFF/	7145
53	NURSING STAFF/	2703
54	OPERATING ROOM PERSONNEL/	631
55	SURGEON/	16840
56	or/48-55	121423
57	and/35,47	256
58	and/56-57	62
59	and/25,58	10
60	limit 59 to english language	7

## DARE/EED

#	Search	Matching records
# 1	MESH SURGICAL WOUND INFECTION	161
# 2	MESH SURGICAL WOUND DEHISCENCE	17
# 3	MESH WOUND INFECTION	29
# 4	MESH INFECTION CONTROL	192
# 5	MESH POSTOPERATIVE COMPLICATIONS	843
# 6	SSI	11
# 7	surgical AND infect*	748
# 8	wound* AND infect*	568
# 9	#1 or #2 or #3 or #4 or #5 or #6 or #7 or #8	1829
# 10	MESH HANDWASHING	20
# 11	handwash*	25
# 12	MESH NAILS	4
# 13	jewelry	0
# 14	ring* AND finger*	2
# 15	ring* AND remov*	6

Search	Matching records
# 16 fingernail*	9
# 17 nail AND polish*	1
# 18 artificial AND nail*	0
# 19 #10 or #11 or #12 or #13 or #14 or #15 or #16 or #17	44
# 20 #9 and #19	14

## SSI\_preop\_skin\_antiseptics\_301107

### Ovid MEDLINE(R) 1950 to November Week 2 2007

# Search history	Results
1 SURGICAL WOUND INFECTION/	22182
2 SURGICAL WOUND DEHISCENCE/	4700
3 (SSI or SSTI).tw.	1596
4 WOUND INFECTION/	7641
5 INFECTION CONTROL/	13331
6 ((wound? or incision\$) adj3 (infect\$ or sepsis or septic\$ or dehiscen\$)).tw.	15592
7 ((surger\$ or surgical\$) adj3 (infect\$ or sepsis or septic\$ or dehiscen\$)).tw.	9023
8 POSTOPERATIVE COMPLICATIONS/	228450
9 SURGICAL WOUND DEHISCENCE/	4700
10 or/1-9	278425
11 ANTI-INFECTIVE AGENTS, LOCAL/	9077
12 POVIDONE-IODINE/	1817
13 CHLORHEXIDINE/	4303
14 DISINFECTION/	7038
15 DETERGENTS/	14041
16 or/12-15	26508
17 16 and (skin or topical\$.tw.	1638
18 betadine.tw.	314
19 ((skin or topical\$) adj3 chlorhexidine).tw.	132
20 (povidone adj2 iodine).tw.	1577
21 (skin adj3 (disinfect\$ or anti infective agent? or anti?infective agent? or antiseptic? or alcohol\$)).tw.	582
22 (topical\$ adj3 (disinfect\$ or anti infective agent? or anti?infective agent? or antiseptic? or alcohol\$)).tw.	295
23 ((skin or topical\$) adj3 anti microbial agent?).tw.	5
24 iodophor\$.tw.	319
25 PVPI.tw.	20
26 or/11,17-25	11939
27 PREOPERATIVE CARE/	39291
28 (pre operative\$ or pre?operative\$.tw.	131218
29 PERIOPERATIVE CARE/	3655
30 (peri operative\$ or peri?operative\$.tw.	32526
31 or/27-30	177789
32 and/10,26	1543
33 and/31-32	258

## Surgical site infection

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# Search history	Results
34 letter.pt.	612627
35 comment.pt.	348760
36 editorial.pt.	213480
37 historical article.pt.	248519
38 or/34-37	1116464
39 33 not 38	254
40 limit 39 to humans	231
41 limit 40 to english language	202

### EMBASE 1980 to 2007 Week 47

# Search history	Results
1 SURGICAL INFECTION/	3765
2 WOUND DEHISCENCE/	3139
3 WOUND INFECTION/	13903
4 POSTOPERATIVE INFECTION/	13740
5 ((wound? or incision\$) adj5 (infect\$ or sepsis or septic\$ or dehiscen\$)).tw.	13391
6 ((surger\$ or surgical\$) adj5 (infect\$ or sepsis or septic\$ or dehiscen\$)).tw.	11215
7 (SSI or SSTI).tw.	1222
8 POSTOPERATIVE COMPLICATION/	91602
9 or/1-8	127469
10 TOPICAL ANTIINFECTIVE AGENT/	173
11 ANTIINFECTIVE AGENT/	31487
12 POVIDONE-IODINE/	4670
13 exp DISINFECTANT AGENT/	66185
14 DISINFECTION/	8321
15 DETERGENTS/	5962
16 or/11-15	108335
17 16 and (skin or topical\$).tw.	7514
18 ((skin or topical\$) adj3 chlorhexidine).tw.	114
19 (povidone adj2 iodine).tw.	1336
20 (skin adj3 (disinfect\$ or anti infective agent? or anti?infective agent? or antiseptic? or alcohol\$)).tw.	467
21 (topical\$ adj3 (disinfect\$ or anti infective agent? or anti?infective agent? or antiseptic? or alcohol\$)).tw.	263
22 ((skin or topical\$) adj3 anti microbial agent?).tw.	4
23 iodophor\$.tw.	140
24 PVPI.tw.	20
25 or/10,17-24	8940
26 (preoperative\$ or pre operative\$).hw,tw.	135991
27 (perioperative\$ or peri operative\$).tw,hw.	32456
28 or/26-27	159100
29 and/9,25	729
30 and/28-29	152
31 abstract report.tw,sh.	71202
32 note.tw,sh.	239951
33 short survey.tw,sh.	398336
34 letter.tw,sh.	386884

# Search history	Results
35 editorial.tw,sh.	241846
36 or/31-35	1327335
37 30 not 36	143
38 limit 37 to human	128
39 limit 38 to english language	120

### CINAHL - Cumulative Index to Nursing & Allied Health Literature 1982 to November Week 4 2007

# Search history	Results
1 SURGICAL WOUND INFECTION/	2002
2 SURGICAL WOUND DEHISCENCE/	216
3 (SSI or SSTI).tw.	452
4 WOUND INFECTION/	1383
5 INFECTION CONTROL/	10061
6 ((wound? or incision\$) adj3 (infect\$ or sepsis or septic\$ or dehiscen\$)).tw.	1311
7 ((surger\$ or surgical\$) adj3 (infect\$ or sepsis or septic\$ or dehiscen\$)).tw.	1021
8 POSTOPERATIVE COMPLICATIONS/	8567
9 or/1-8	22220
10 exp ANTI-INFECTIVE AGENTS, LOCAL/	2589
11 "STERILIZATION AND DISINFECTION"/	2979
12 DETERGENTS/	101
13 or/10-12	5265
14 13 and (skin or topical\$).tw.	461
15 betadine.tw.	33
16 ((skin or topical\$) adj3 chlorhexidine).tw.	29
17 (povidone adj2 iodine).tw.	167
18 (skin adj3 (disinfect\$ or anti infective agent? or anti?infective agent? or antiseptic? or alcohol\$)).tw.	87
19 (topical\$ adj3 (disinfect\$ or anti infective agent? or anti?infective agent? or antiseptic? or alcohol\$)).tw.	51
20 ((skin or topical\$) adj3 anti microbial agent?).tw.	1
21 iodophor\$.tw.	33
22 PVPI.tw.	1
23 or/14-22	676
24 (pre operative\$ or pre?operative\$).tw,hw.	9213
25 (peri operative\$ or peri?operative\$).tw,hw.	11684
26 or/24-25	19194
27 and/9,23	208
28 and/26-27	46
29 limit 28 to english	44

### SSI\_preop\_skin\_antiseptics\_economics\_301107

#### Ovid MEDLINE(R) 1950 to November Week 2 2007

# Search history	Results
1 ECONOMICS/	25237
2 "COSTS AND COST ANALYSIS"/	36345

## Surgical site infection

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#	Search history	Results
3	COST ALLOCATION/	1830
4	COST-BENEFIT ANALYSIS/	41737
5	COST CONTROL/	17535
6	COST SAVINGS/	5855
7	COST OF ILLNESS/	9873
8	COST SHARING/	1330
9	HEALTH CARE COSTS/	16042
10	DIRECT SERVICE COSTS/	828
11	DRUG COSTS/	8371
12	EMPLOYER HEALTH COSTS/	982
13	HOSPITAL COSTS/	5400
14	HEALTH RESOURCES/	6072
15	"HEALTH SERVICES NEEDS AND DEMAND"/	27706
16	HEALTH PRIORITIES/	6508
17	HEALTH EXPENDITURES/	9771
18	CAPITAL EXPENDITURES/	1809
19	FINANCIAL MANAGEMENT/	14258
20	FINANCIAL MANAGEMENT, HOSPITAL/	6768
21	QUALITY-ADJUSTED LIFE YEARS/	3162
22	"DEDUCTIBLES AND COINSURANCE"/	1148
23	MEDICAL SAVINGS ACCOUNTS/	375
24	ECONOMICS, HOSPITAL/	8341
25	ECONOMICS, MEDICAL/	6943
26	ECONOMICS, NURSING/	3758
27	ECONOMICS, PHARMACEUTICAL/	1874
28	MODELS, ECONOMIC/	2944
29	MODELS, ECONOMETRIC/	2591
30	RESOURCE ALLOCATION/	5833
31	HEALTH CARE RATIONING/	8793
32	"FEES AND CHARGES"/	7275
33	BUDGETS/	8005
34	VALUE OF LIFE/	4930
35	(financ\$ or fiscal\$ or funding).tw.	51581
36	(QALY\$ or life?year\$).tw.	1855
37	(econom\$ or cost\$).tw.	268277
38	pharmacoeconomic\$.tw.	1819
39	ec.fs.	235528
40	or/1-39	541795
41	SURGICAL WOUND INFECTION/	22182
42	SURGICAL WOUND DEHISCENCE/	4700
43	(SSI or SSTI).tw.	1596
44	WOUND INFECTION/	7641
45	INFECTION CONTROL/	13331
46	((wound? or incision\$) adj3 (infect\$ or sepsis or septic\$ or dehiscen\$)).tw.	15592
47	((surger\$ or surgical\$) adj3 (infect\$ or sepsis or septic\$ or dehiscen\$)).tw.	9023
48	POSTOPERATIVE COMPLICATIONS/	228450
49	SURGICAL WOUND DEHISCENCE/	4700

# Search history	Results
50 or/41-49	278425
51 ANTI-INFECTIVE AGENTS, LOCAL/	9077
52 POVIDONE-IODINE/	1817
53 CHLORHEXIDINE/	4303
54 DISINFECTION/	7038
55 DETERGENTS/	14041
56 or/52-55	26508
57 56 and (skin or topical\$.tw.	1638
58 betadine.tw.	314
59 ((skin or topical\$) adj3 chlorhexidine).tw.	132
60 (povidone adj2 iodine).tw.	1577
61 (skin adj3 (disinfect\$ or anti infective agent? or anti?infective agent? or antiseptic? or alcohol\$)).tw.	582
62 (topical\$ adj3 (disinfect\$ or anti infective agent? or anti?infective agent? or antiseptic? or alcohol\$)).tw.	295
63 ((skin or topical\$) adj3 anti microbial agent?).tw.	5
64 iodophor\$.tw.	319
65 PVPI.tw.	20
66 or/51,57-65	11939
67 PREOPERATIVE CARE/	39291
68 (pre operative\$ or pre?operative\$.tw.	131218
69 PERIOPERATIVE CARE/	3655
70 (peri operative\$ or peri?operative\$.tw.	32526
71 or/67-70	177789
72 and/50,66	1543
73 and/71-72	258
74 and/40,73	19
75 limit 74 to english language	18
76 from 75 keep 1-18	18

### EMBASE 1980 to 2007 Week 47

# Search history	Results
1 ECONOMICS/	5437
2 HEALTH ECONOMICS/	9649
3 ECONOMIC EVALUATION/	3896
4 COST BENEFIT ANALYSIS/	27460
5 COST CONTROL/	15866
6 COST EFFECTIVENESS ANALYSIS/	51766
7 COST MINIMIZATION ANALYSIS/	1251
8 COST OF ILLNESS/	4234
9 COST UTILITY ANALYSIS/	2108
10 COST/	19587
11 HEALTH CARE COST/	55901
12 DRUG COST/	31442
13 HEALTH CARE FINANCING/	8862
14 HOSPITAL COST/	5992
15 SOCIOECONOMICS/	28359

## Surgical site infection

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#	Search history	Results
16	ECONOMIC ASPECT/	68607
17	QUALITY-ADJUSTED LIFE YEARS/	3351
18	FINANCIAL MANAGEMENT/	21568
19	PHARMACOECONOMICS/	897
20	RESOURCE ALLOCATION/	6974
21	(financ\$ or fiscal\$ or funding).tw.	36434
22	(QALY\$ or life?year\$).tw.	1804
23	(econom\$ or cost\$).tw.	217897
24	pharmacoeconomic\$.tw.	2455
25	or/1-24	389544
26	SURGICAL INFECTION/	3765
27	WOUND DEHISCENCE/	3139
28	WOUND INFECTION/	13903
29	POSTOPERATIVE INFECTION/	13740
30	((wound? or incision\$) adj5 (infect\$ or sepsis or septic\$ or dehiscen\$)).tw.	13391
31	((surger\$ or surgical\$) adj5 (infect\$ or sepsis or septic\$ or dehiscen\$)).tw.	11215
32	(SSI or SSTI).tw.	1222
33	POSTOPERATIVE COMPLICATION/	91602
34	or/26-33	127469
35	TOPICAL ANTIINFECTIVE AGENT/	173
36	ANTIINFECTIVE AGENT/	31487
37	POVIDONE-IODINE/	4670
38	exp DISINFECTANT AGENT/	66185
39	DISINFECTION/	8321
40	DETERGENTS/	5962
41	or/36-40	108335
42	41 and (skin or topical\$.tw.	7514
43	((skin or topical\$) adj3 chlorhexidine).tw.	114
44	(povidone adj2 iodine).tw.	1336
45	(skin adj3 (disinfect\$ or anti infective agent? or anti?infective agent? or antiseptic? or alcohol\$)).tw.	467
46	(topical\$ adj3 (disinfect\$ or anti infective agent? or anti?infective agent? or antiseptic? or alcohol\$)).tw.	263
47	((skin or topical\$) adj3 anti microbial agent?).tw.	4
48	iodophor\$.tw.	140
49	PVPI.tw.	20
50	or/35,42-49	8940
51	(preoperative\$ or pre operative\$).hw,tw.	135991
52	(perioperative\$ or peri operative\$).tw,hw.	32456
53	or/51-52	159100
54	and/34,50	729
55	and/53-54	152
56	and/25,55	16

## DARE/EED

#	Search	Matching records
# 1	MESH SURGICAL WOUND INFECTION	161

Search	Matching records
# 2 MESH SURGICAL WOUND DEHISCENCE	17
# 3 MESH WOUND INFECTION	29
# 4 MESH INFECTION CONTROL	192
# 5 MESH POSTOPERATIVE COMPLICATIONS	843
# 6 MESH SURGICAL WOUND DEHISCENCE	17
# 7 SSI	11
# 8 #1 or #2 or #3 or #4 or #5 or #6 or #7	1191
# 9 MESH ANTI-INFECTIVE AGENTS, LOCAL	0
# 10 MESH POVIDONE-IODINE	1
# 11 MESH CHLORHEXIDINE	29
# 12 MESH DISINFECTION	19
# 13 MESH DETERGENTS	7
# 14 betadine	3
# 15 iodophor*	2
# 16 MESH ANTI-INFECTIVE AGENTS	1
# 17 #9 OR #10 OR #11 OR #12 OR #13 OR #14 OR #15 OR #16	59
# 18 skin OR topical*	1261
# 19 #17 and #18	13
# 20 #8 and 19	2

## SSI\_antibiotic\_prophylaxis\_051207

Ovid MEDLINE(R) 1950 to November Week 2 2007

# Search history	Results
1 randomized controlled trial.pt.	246761
2 controlled clinical trial.pt.	77022
3 DOUBLE BLIND METHOD/	94781
4 SINGLE BLIND METHOD/	11591
5 RANDOM ALLOCATION/	59778
6 RANDOMIZED CONTROLLED TRIALS/	52472
7 or/1-6	418296
8 ((single or double or triple or treble) adj5 (blind\$ or mask\$)).tw,sh.	92403
9 clinical trial.pt.	444490
10 exp CLINICAL TRIALS/	199910
11 (clinic\$ adj5 trial\$).tw,sh.	121169
12 PLACEBOS/	26956
13 placebo\$.tw,sh.	119903
14 random\$.tw,sh.	520862

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#	Search history	Results
15	or/8-14	874045
16	or/7,15	882795
17	META ANALYSIS/	7911
18	meta analysis.pt.	17222
19	(metaanaly\$ or meta-analy\$ or (meta adj analy\$)).tw,sh.	30602
20	(systematic\$ adj5 (review\$ or overview\$)).tw,sh.	15366
21	(methodologic\$ adj5 (review\$ or overview\$)).tw,sh.	1812
22	or/17-21	42251
23	review\$.pt.	1342019
24	(medline or medlars or embase or cinahl or cochrane or psycinfo or psychinfo or psychlit or psyclit or "web of science" or "science citation" or scisearch).tw.	27929
25	((hand or manual\$) adj2 search\$).tw.	3130
26	(electronic database\$ or bibliographic database\$ or computerized database\$ or online database\$).tw,sh.	4661
27	(pooling or pooled or mantel haenszel).tw,sh.	27753
28	(peto or dersimonian or der simonian or fixed effect).tw,sh.	1270
29	or/24-28	57345
30	23 and 29	23775
31	or/22,30	56696
32	letter.pt.	612627
33	case report.tw.	129971
34	comment.pt.	348760
35	editorial.pt.	213480
36	historical article.pt.	248519
37	or/32-36	1243797
38	16 not 37	849294
39	31 not 37	53492
40	or/38-39	876416
41	SURGICAL WOUND INFECTION/	22182
42	SURGICAL WOUND DEHISCENCE/	4700
43	(SSI or SSTI).tw.	1596
44	WOUND INFECTION/	7641
45	((wound? or incision\$) adj3 (infect\$ or sepsis or septic\$ or dehiscen\$)).tw.	15592
46	((surger\$ or surgical\$) adj3 (infect\$ or sepsis or septic\$ or dehiscen\$)).tw.	9023
47	((post operative\$ or post surgical\$) adj3 (infect\$ or sepsis or septic\$)).tw.	877
48	or/41-47	47910
49	ANTIBIOTIC PROPHYLAXIS/	5167
50	ANTI-INFECTIVE AGENTS/	26990
51	(antimicrob\$ or anti microb\$ or antibiotic\$ or anti biotic\$).tw.	195578
52	((anti-infective\$ or antiinfective\$ or antibacteria\$ or anti-bacteria\$) adj (agent\$ or drug\$)).tw.	5135
53	microbicide?.tw.	809
54	(bacteriocide? or bacteriocidal agent?).tw.	39
55	ANTI-BACTERIAL AGENTS/	170156

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# Search history	Results
56 exp CARBAPENEMS/	4488
57 exp CEPHALOSPORINS/	32015
58 exp CEPHAMYCINS/	2997
59 exp MONOBACTAMS/	1293
60 exp PENICILLINS/	60951
61 THIENAMYCINS/	2093
62 exp MACROLIDES/	71976
63 exp FLUOROQUINOLONES/	18345
64 exp SULFONAMIDES/	76423
65 exp TETRACYCLINES/	33836
66 exp AMINOGLYCOSIDES/	104898
67 CLINDAMYCIN/	4064
68 exp NITROIMIDAZOLES/	12658
69 (gentamicin? or cefuroxime? or metronidazole? or ciprofloxacin?).tw.	36066
70 or/50-69	569274
71 prophyla\$.tw.	84060
72 (premedicat\$ or pre medicat\$).tw.	6702
73 prevention.tw,hw.	228211
74 BACTERIAL INFECTION/pc	6664
75 INFECTION CONTROL/	13331
76 (prevent\$ adj3 infection?).tw.	13424
77 or/71-76	326857
78 and/70,77	34041
79 or/49,78	36054
80 and/48,79	5996
81 and/40,80	2035
82 exp ADMINISTRATION, ORAL/	90427
83 oral\$.tw.	319938
84 (by mouth or per os).tw.	5765
85 sublingual\$.tw.	5709
86 buccal.tw.	11868
87 or/82-86	368202
88 and/81,87	241
89 limit 88 to humans	239
90 limit 89 to english language	214
91 limit 81 to yr="2006 - 2008"	115
92 limit 91 to humans	114
93 limit 92 to english language	103

**EMBASE 1980 to 2007 Week 48**

# Search history	Results
1 CLINICAL TRIALS/	483041
2 (clinic\$ adj5 trial\$).ti,ab,sh.	113205

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#	Search history	Results
3	SINGLE BLIND PROCEDURE/	7207
4	DOUBLE BLIND PROCEDURE/	67407
5	RANDOM ALLOCATION/	24554
6	CROSSOVER PROCEDURE/	19714
7	PLACEBO/	107181
8	placebo\$.ti,ab,sh.	156569
9	random\$.ti,ab,sh.	392483
10	RANDOMIZED CONTROLLED TRIALS/	151808
11	((single or double or triple or treble) adj (blind\$ or mask\$)).ti,ab,sh.	88068
12	randomi?ed control\$ trial\$.tw.	27740
13	or/1-12	794867
14	META ANALYSIS/	32539
15	((meta adj analy\$) or metaanalys\$ or meta-analy\$).ti,ab,sh.	40238
16	(systematic\$ adj5 (review\$ or overview\$)).ti,sh,ab.	22621
17	(methodologic\$ adj5 (review\$ or overview\$)).ti,ab,sh.	1462
18	or/14-17	54508
19	review.pt.	843077
20	(medline or medlars or embase).ab.	19660
21	(scisearch or science citation index).ab.	571
22	(psychlit or psychlit or psychinfo or psycinfo or cinahl or cochrane).ab.	6196
23	((hand or manual\$) adj2 search\$).tw.	2264
24	(electronic database\$ or bibliographic database\$ or computeri?ed database\$ or online database\$).tw.	3574
25	(pooling or pooled or mantel haenszel).tw.	22506
26	(peto or dersimonian or "der simonian" or fixed effect).tw.	686
27	or/20-26	46037
28	19 and 27	15423
29	or/18,28	63390
30	case study.tw,sh.	20758
31	abstract report.tw,sh.	71202
32	note.tw,sh.	240556
33	short survey.tw,sh.	398647
34	letter.tw,sh.	387684
35	case report.tw,sh.	974062
36	editorial.tw,sh.	242312
37	or/30-36	2214756
38	13 not 37	706395
39	29 not 38	27284
40	or/38-39	733679
41	SURGICAL INFECTION/	3785
42	WOUND DEHISCENCE/	3144
43	WOUND INFECTION/	13932
44	POSTOPERATIVE INFECTION/	13777

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#	Search history	Results
45	((wound? or incision\$) adj5 (infect\$ or sepsis or septic\$ or dehiscen\$)).tw.	13415
46	((surger\$ or surgical\$) adj5 (infect\$ or sepsis or septic\$ or dehiscen\$)).tw.	11244
47	(SSI or SSTI).tw.	1225
48	((post operative\$ or postoperative\$ or post surgical\$ or postsurgical\$) adj3 (infect\$ or sepsis or septic\$)).tw.	6315
49	or/41-48	45953
50	ANTI-INFECTIVE AGENTS/	31558
51	ANTIBIOTIC AGENT/	111096
52	(antimicrob\$ or anti microb\$ or antibiotic\$ or anti biotic\$).tw.	159999
53	((anti-infective\$ or antiinfective\$ or antibacteria\$ or anti-bacteria\$) adj (agent\$ or drug\$)).tw.	4661
54	microbicid\$.tw.	2351
55	(bactericide? or bacteriocidal agent?).tw.	22
56	exp QUINOLINE DERIVED ANTIINFECTIVE AGENT/	71631
57	exp SULFONAMIDE/	66875
58	exp AMINOGLYCOSIDE ANTIBIOTIC AGENT/	117950
59	exp BETA LACTAM ANTIBIOTIC/	187556
60	exp ANTHRACYCLINE ANTIBIOTIC AGENT/	99429
61	CHLORAMPHENICOL DERIVATIVE/	434
62	exp MACROLIDE/	75098
63	exp POLYENE ANTIBIOTIC AGENT/	2066
64	exp POLYPEPTIDE ANTIBIOTIC AGENT/	62747
65	exp TETRACYCLINE DERIVATIVE/	64197
66	exp QUINOLONE DERIVATIVE/	59388
67	exp NITROIMIDAZOLE DERIVATIVE/	75851
68	(gentamicin? or cefuroxime? or metronidazole? or ciprofloxacin?).tw.	32781
69	or/50-68	613207
70	prophyla\$.tw.	70280
71	(premedicat\$ or pre medicat\$).tw.	5518
72	prevention.tw,hw.	275800
73	BACTERIAL INFECTION/pc	5017
74	INFECTION CONTROL/	23278
75	(prevent\$ adj2 infect\$).tw.	7564
76	or/70-75	355503
77	and/69,76	47910
78	ANTIBIOTIC PROPHYLAXIS/	10423
79	or/77-78	52153
80	and/49,79	7331
81	and/40,80	2097
82	limit 81 to yr="2006 - 2008"	207
83	limit 82 to human	205
84	limit 83 to english language	188
85	ORAL DRUG ADMINISTRATION/	294049
86	(by mouth or per os).tw.	4232

## Surgical site infection

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# Search history	Results
87 sublingual\$.tw.	4713
88 buccal.tw.	6503
89 or/85-88	306993
90 and/81,89	186
91 limit 90 to human	172
92 limit 91 to english language	154

## CINAHL - Cumulative Index to Nursing & Allied Health Literature 1982 to November Week 5 2007

# Search history	Results
1 exp CLINICAL TRIALS/	49541
2 clinical trial.pt.	24077
3 (clinic\$ adj5 trial\$).tw,sh.	12612
4 SINGLE-BLIND STUDIES/	2535
5 DOUBLE-BLIND STUDIES/	9366
6 TRIPLE-BLIND STUDIES/	37
7 ((single or double or triple or treble) adj5 (blind\$ or mask\$)).tw,sh.	6895
8 RANDOM ASSIGNMENT/	16888
9 random\$.tw.	46370
10 RANDOMIZED CONTROLLED TRIALS/	37853
11 randomi?ed control\$ trial\$.tw.	10212
12 PLACEBOS/	3888
13 placebo\$.tw.	9634
14 or/1-13	82772
15 META ANALYSIS/	5898
16 ((meta adj analy\$) or metaanalys\$ or meta-analy\$).tw.	4169
17 SYSTEMATIC REVIEW/	3443
18 systematic review.pt.	10183
19 (systematic\$ adj5 (review\$ or overview\$)).tw.	7972
20 LITERATURE REVIEW/	2497
21 or/15-20	19162
22 ("review" or "review studies" or "review academic" or "review tutorial").ti,ab,sh,pt.	100250
23 (medline or medlars or embase or cochrane or scisearch or psycinfo or psychinfo or psychlit or psyclit or "web of science" or "science citation").tw.	8484
24 ((hand or manual\$) adj2 search\$).tw.	957
25 (electronic database\$ or bibliographic database\$ or computeri?ed database\$ or online database\$).tw.	1547
26 (pooling or pooled or mantel haenszel).tw.	2254
27 (peto or dersimonian or "der simonian" or fixed effect).tw.	391
28 or/23-27	10981
29 and/22,28	6404
30 or/21,29	20839
31 letter.pt.	49058
32 commentary.pt.	69620

# Search history	Results
33 editorial.pt.	79412
34 or/31-33	162377
35 14 not 34	73335
36 30 not 34	18010
37 or/35-36	83878
38 SURGICAL WOUND INFECTION/	2006
39 SURGICAL WOUND DEHISCENCE/	216
40 (SSI or SSTI).tw.	453
41 ((wound? or incision\$) adj3 (infect\$ or sepsis or septic\$ or dehiscen\$)).tw.	1317
42 ((surger\$ or surgical\$) adj3 (infect\$ or sepsis or septic\$ or dehiscen\$)).tw.	1021
43 ((post operative\$ or post surgical\$) adj3 (infect\$ or sepsis or septic\$)).tw.	59
44 WOUND INFECTION/	1384
45 or/38-44	4666
46 ANTI-INFECTIVE AGENTS/	797
47 (antimicrob\$ or anti microb\$ or antibiotic\$ or anti biotic\$).tw.	9096
48 ((anti-infective\$ or antiinfective\$ or antibacteria\$ or anti-bacteria\$) adj (agent\$ or drug\$)).tw.	174
49 microbicide?.tw.	138
50 (bacteriocide? or bacteriocidal agent?).tw.	2
51 ANTIBIOTICS/	7366
52 AMINOGLYCOSIDES/	235
53 ANTIBIOTICS, COMBINED/	200
54 exp ANTIBIOTICS, LACTAM/	1834
55 exp ANTIBIOTICS, MACROLIDE/	794
56 ANTIBIOTICS, PEPTIDE/	28
57 BACITRACIN/	32
58 CHLORAMPHENICOL/	51
59 exp ERYTHROMYCIN/	717
60 MUPIROCIN/	132
61 exp POLYMYXINS/	66
62 exp TETRACYCLINES/	580
63 VANCOMYCIN/	457
64 exp ANTIINFECTIVE AGENTS, FLUOROQUINOLONE/	938
65 ANTIINFECTIVE AGENTS, QUINOLONE/	178
66 exp SULFONAMIDES/	774
67 exp PENICILLINS/	1019
68 (gentamicin? or cefuroxime? or metronidazole? or ciprofloxacin?).tw.	973
69 or/46-68	17601
70 prophyla\$.tw.	4938
71 (premedicat\$ or pre medicat\$).tw.	176
72 prevention.tw,hw.	37243
73 BACTERIAL INFECTION/pc	358
74 INFECTION CONTROL/	10078

## Surgical site infection

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# Search history	Results
75 (prevent\$ adj2 infect\$.tw.	1329
76 or/70-75	50363
77 and/69,76	3080
78 ANTIBIOTIC PROPHYLAXIS/	1496
79 or/77-78	3879
80 exp ADMINISTRATION, ORAL/	2774
81 (by mouth or per os).tw.	154
82 sublingual\$.tw.	285
83 buccal.tw.	469
84 oral\$.ti.	7581
85 or/80-84	9936
86 and/45,79	564
87 and/37,86	86
88 limit 87 to yr="2006 - 2007"	28
89 limit 88 to english	28
90 and/85,87	4
91 limit 90 to english	4

## SSI\_antibiotic\_prophylaxis\_economics\_051207

### Ovid MEDLINE(R) 1950 to November Week 2 2007

# Search history	Results
1 ECONOMICS/	25237
2 "COSTS AND COST ANALYSIS"/	36345
3 COST ALLOCATION/	1830
4 COST-BENEFIT ANALYSIS/	41737
5 COST CONTROL/	17535
6 COST SAVINGS/	5855
7 COST OF ILLNESS/	9873
8 COST SHARING/	1330
9 HEALTH CARE COSTS/	16042
10 DIRECT SERVICE COSTS/	828
11 DRUG COSTS/	8371
12 EMPLOYER HEALTH COSTS/	982
13 HOSPITAL COSTS/	5400
14 HEALTH RESOURCES/	6072
15 "HEALTH SERVICES NEEDS AND DEMAND"/	27706
16 HEALTH PRIORITIES/	6508
17 HEALTH EXPENDITURES/	9771
18 CAPITAL EXPENDITURES/	1809
19 FINANCIAL MANAGEMENT/	14258
20 FINANCIAL MANAGEMENT, HOSPITAL/	6768

# Search history	Results
21 QUALITY-ADJUSTED LIFE YEARS/	3162
22 "DEDUCTIBLES AND COINSURANCE"/	1148
23 MEDICAL SAVINGS ACCOUNTS/	375
24 ECONOMICS, HOSPITAL/	8341
25 ECONOMICS, MEDICAL/	6943
26 ECONOMICS, NURSING/	3758
27 ECONOMICS, PHARMACEUTICAL/	1874
28 MODELS, ECONOMIC/	2944
29 MODELS, ECONOMETRIC/	2591
30 RESOURCE ALLOCATION/	5833
31 HEALTH CARE RATIONING/	8793
32 "FEES AND CHARGES"/	7275
33 BUDGETS/	8005
34 VALUE OF LIFE/	4930
35 (financ\$ or fiscal\$ or funding).tw.	51581
36 (QALY\$ or life?year\$).tw.	1855
37 (econom\$ or cost\$).tw.	268277
38 pharmaco-economic\$.tw.	1819
39 ec.fs.	235528
40 SURGICAL WOUND INFECTION/	22182
41 SURGICAL WOUND DEHISCENCE/	4700
42 (SSI or SSTI).tw.	1596
43 WOUND INFECTION/	7641
44 ((wound? or incision\$) adj3 (infect\$ or sepsis or septic\$ or dehiscen\$)).tw.	15592
45 ((surger\$ or surgical\$) adj3 (infect\$ or sepsis or septic\$ or dehiscen\$)).tw.	9023
46 ((post operative\$ or post surgical\$) adj3 (infect\$ or sepsis or septic\$)).tw.	877
47 or/40-46	47910
48 ANTIBIOTIC PROPHYLAXIS/	5167
49 ANTI-INFECTIVE AGENTS/	26990
50 (antimicrob\$ or anti microb\$ or antibiotic\$ or anti biotic\$).tw.	195578
51 ((anti-infective\$ or antiinfective\$ or antibacteria\$ or anti-bacteria\$) adj (agent\$ or drug\$)).tw.	5135
52 microbicide?.tw.	809
53 (bactericide? or bacteriocidal agent?).tw.	39
54 ANTI-BACTERIAL AGENTS/	170156
55 exp CARBAPENEMS/	4488
56 exp CEPHALOSPORINS/	32015
57 exp CEPHAMYCINS/	2997
58 exp MONOBACTAMS/	1293
59 exp PENICILLINS/	60951
60 THIENAMYCINS/	2093
61 exp MACROLIDES/	71976
62 exp FLUOROQUINOLONES/	18345

## Surgical site infection

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# Search history	Results
63 exp SULFONAMIDES/	76423
64 exp TETRACYCLINES/	33836
65 exp AMINOGLYCOSIDES/	104898
66 CLINDAMYCIN/	4064
67 exp NITROIMIDAZOLES/	12658
68 (gentamicin? or cefuroxime? or metronidazole? or ciprofloxacin?).tw.	36066
69 or/49-68	569274
70 prophyla\$.tw.	84060
71 (premedicat\$ or pre medicat\$).tw.	6702
72 prevention.tw,hw.	228211
73 BACTERIAL INFECTION/pc	6664
74 INFECTION CONTROL/	13331
75 (prevent\$ adj3 infection?).tw.	13424
76 or/70-75	326857
77 and/69,76	34041
78 or/48,77	36054
79 and/47,78	5996
80 exp ADMINISTRATION, ORAL/	90427
81 oral\$.tw.	319938
82 (by mouth or per os).tw.	5765
83 sublingual\$.tw.	5709
84 buccal.tw.	11868
85 or/80-84	368202
86 or/1-39	541795
87 and/79,86	605
88 limit 87 to yr="2006 - 2008"	52
89 limit 88 to english language	46
90 and/79,85	456
91 and/86,90	67
92 limit 91 to english language	57

## EMBASE 1980 to 2007 Week 48

# Search history	Results
1 ECONOMICS/	5446
2 HEALTH ECONOMICS/	9667
3 ECONOMIC EVALUATION/	3907
4 COST BENEFIT ANALYSIS/	27511
5 COST CONTROL/	15881
6 COST EFFECTIVENESS ANALYSIS/	51890
7 COST MINIMIZATION ANALYSIS/	1253
8 COST OF ILLNESS/	4249
9 COST UTILITY ANALYSIS/	2112
10 COST/	19604

# Search history	Results
11 HEALTH CARE COST/	56000
12 DRUG COST/	31521
13 HEALTH CARE FINANCING/	8866
14 HOSPITAL COST/	6006
15 SOCIOECONOMICS/	28410
16 ECONOMIC ASPECT/	68666
17 QUALITY-ADJUSTED LIFE YEARS/	3366
18 FINANCIAL MANAGEMENT/	21608
19 PHARMACOECONOMICS/	900
20 RESOURCE ALLOCATION/	6983
21 (financ\$ or fiscal\$ or funding).tw.	36500
22 (QALY\$ or life?year\$).tw.	1812
23 (econom\$ or cost\$).tw.	218321
24 pharmaco-economic\$.tw.	2474
25 or/1-24	390257
26 SURGICAL INFECTION/	3785
27 WOUND DEHISCENCE/	3144
28 WOUND INFECTION/	13932
29 POSTOPERATIVE INFECTION/	13777
30 ((wound? or incision\$) adj5 (infect\$ or sepsis or septic\$ or dehiscen\$)).tw.	13415
31 ((surger\$ or surgical\$) adj5 (infect\$ or sepsis or septic\$ or dehiscen\$)).tw.	11244
32 (SSI or SSTI).tw.	1225
33 ((post operative\$ or postoperative\$ or post surgical\$ or postsurgical\$) adj3 (infect\$ or sepsis or septic\$)).tw.	6315
34 or/26-33	45953
35 ANTI-INFECTIVE AGENTS/	31558
36 ANTIBIOTIC AGENT/	111096
37 (antimicrob\$ or anti microb\$ or antibiotic\$ or anti biotic\$).tw.	159999
38 ((anti-infective\$ or antiinfective\$ or antibacteria\$ or anti-bacteria\$) adj (agent\$ or drug\$)).tw.	4661
39 microbicid\$.tw.	2351
40 (bactericide? or bacteriocidal agent?).tw.	22
41 exp QUINOLINE DERIVED ANTIINFECTIVE AGENT/	71631
42 exp SULFONAMIDE/	66875
43 exp AMINOGLYCOSIDE ANTIBIOTIC AGENT/	117950
44 exp BETA LACTAM ANTIBIOTIC/	187556
45 exp ANTHRACYCLINE ANTIBIOTIC AGENT/	99429
46 CHLORAMPHENICOL DERIVATIVE/	434
47 exp MACROLIDE/	75098
48 exp POLYENE ANTIBIOTIC AGENT/	2066
49 exp POLYPEPTIDE ANTIBIOTIC AGENT/	62747
50 exp TETRACYCLINE DERIVATIVE/	64197
51 exp QUINOLONE DERIVATIVE/	59388
52 exp NITROIMIDAZOLE DERIVATIVE/	75851

## Surgical site infection

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# Search history	Results
53 (gentamicin? or cefuroxime? or metronidazole? or ciprofloxacin?).tw.	32781
54 or/35-53	613207
55 prophyla\$.tw.	70280
56 (premedicat\$ or pre medicat\$).tw.	5518
57 prevention.tw,hw.	275800
58 BACTERIAL INFECTION/pc	5017
59 INFECTION CONTROL/	23278
60 (prevent\$ adj2 infect\$).tw.	7564
61 or/55-60	355503
62 and/54,61	47910
63 ANTIBIOTIC PROPHYLAXIS/	10423
64 or/62-63	52153
65 and/34,64	7331
66 ORAL DRUG ADMINISTRATION/	294049
67 (by mouth or per os).tw.	4232
68 sublingual\$.tw.	4713
69 buccal.tw.	6503
70 or/66-69	306993
71 limit 65 to yr="2006 - 2008"	842
72 and/25,71	119
73 limit 72 to english language	99
74 and/65,70	519
75 and/25,74	61
76 limit 75 to english language	56

### DARE/EED

Search	Matching records
# 1 MESH SURGICAL WOUND INFECTION	165
# 2 MESH SURGICAL WOUND DEHISCENCE	18
# 3 MESH WOUND INFECTION	29
# 4 SSI OR SSTI	11
# 5 #1 or #2 or #3 or #4	212
# 6 MESH ANTI-INFECTIVE AGENTS	1
# 7 MESH ANTI-BACTERIAL AGENTS	3
# 8 MESH CARBAPENEMS	9
# 9 MESH CEPHALOSPORINS	77
# 10 MESH CEPHAMYCINS	1
# 11 MESH MONOBACTAMS	1
# 12 MESH PENICILLINS	65
# 13 MESH THIENAMYCINS	21

Search	Matching records
# 14 MESH MACROLIDES	15
# 15 MESH FLUOROQUINOLONES	20
# 16 MESH SULFONAMIDES	74
# 17 MESH TETRACYCLINES	5
# 18 MESH AMINOGLYCOSIDES	20
# 19 MESH CLINDAMYCIN	20
# 20 MESH NITROIMIDAZOLES	8
# 21 gentamicin* OR cefuroxime* OR metronidazole* OR ciprofloxacin*	304
# 22 #6 or #7 or #8 or #9 or #10 or #11 or #12 or #13 or #14 or #15 or #16 or #17 or #18 or #19 or #20 or #21	539
# 23 prophyla*	1420
# 24 prevent*	9376
# 25 premedicat* OR pre-medicat*	177
# 26 MESH INFECTION CONTROL	195
# 27 #23 or #24 or #25 or #26	9844
# 28 #22 and #27	185
# 29 MESH ANTIBIOTIC PROPHYLAXIS	160
# 31 #28 OR #29	297
# 32 #5 AND #31	56

## SSI\_drapes\_gowns\_gloves\_071207

### Ovid MEDLINE(R) 1950 to November Week 2 2007

# Search history	Results
1 SURGICAL WOUND INFECTION/	22182
2 SURGICAL WOUND DEHISCENCE/	4700
3 (SSI or SSTI).tw.	1596
4 WOUND INFECTION/	7641
5 ((wound? or incision\$) adj3 (infect\$ or sepsis or septic\$ or dehiscen\$)).tw.	15592
6 ((surger\$ or surgical\$) adj3 (infect\$ or sepsis or septic\$ or dehiscen\$)).tw.	9023
7 ((post operative\$ or post surgical\$) adj3 (infect\$ or sepsis or septic\$)).tw.	877
8 or/1-7	47910
9 GLOVES, SURGICAL/	2356
10 GLOVES, PROTECTIVE/	1060
11 (glove or gloves or gloving).tw.	5111
12 overglove?.tw.	1
13 or/9-12	6113
14 (draping or drape?).tw.	924

## Surgical site infection

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15 "BEDDING AND LINENS"/	2886
16 ((wound? or incision\$) adj1 (guard? or protector?)).tw.	16
17 PROTECTIVE CLOTHING/	3654
18 (gown? or gowning).tw.	662
19 surgical scrubs.tw.	39
20 overgown\$.tw.	3
21 (attire or theatrewear or theatre wear).tw.	183
22 (clothe? or clothing or apparel).tw.	5391
23 CLOTHING/	5574
24 or/14-23	16295
25 steril\$.tw.	45337
26 disposable.tw.	6048
27 STERILIZATION/	14303
28 impregnated.tw.	5738
29 or/25-28	64122
30 and/24,29	1017
31 OPERATING ROOMS/	8182
32 (surg\$ or operating room? or theatre? or surgical suite?).tw.	888547
33 (perioperative\$ or intraoperative\$ or intra operative\$).tw,hw.	114113
34 or/31-33	939724
35 and/30,34	288
36 and/8,35	86
37 limit 36 to (humans and english language)	72
38 and/13,34	1616
39 and/8,38	162
40 limit 39 to yr = "2006 - 2008"	24
41 limit 40 to (humans and english language)	21
42 from 41 keep 1-21	21
42 or/37,41	92

### EMBASE 1980 to 2007 Week 49

#	Search history	Results
1	CLINICAL TRIALS/	483702
2	(clinic\$ adj5 trial\$).ti,ab,sh.	113379
3	SINGLE BLIND PROCEDURE/	7221
4	DOUBLE BLIND PROCEDURE/	67463
5	RANDOM ALLOCATION/	24615
6	CROSSOVER PROCEDURE/	19730
7	PLACEBO/	107354
8	placebo\$.ti,ab,sh.	156765
9	random\$.ti,ab,sh.	393043
10	RANDOMIZED CONTROLLED TRIALS/	152014
11	((single or double or triple or treble) adj (blind\$ or mask\$)).ti,ab,sh.	88128
12	randomi?ed control\$ trial\$.tw.	27826

# Search history	Results
13 or/1-12	795934
14 META ANALYSIS/	32571
15 ((meta adj analy\$) or metaanalys\$ or meta-analy\$).ti,ab,sh.	40307
16 (systematic\$ adj5 (review\$ or overview\$)).ti,sh,ab.	22685
17 (methodologic\$ adj5 (review\$ or overview\$)).ti,ab,sh.	1468
18 or/14-17	54621
19 review.pt.	844256
20 (medline or medlars or embase).ab.	19711
21 (scisearch or science citation index).ab.	572
22 (psychlit or psyclit or psychinfo or psycinfo or cinahl or cochrane).ab.	6223
23 ((hand or manual\$) adj2 search\$).tw.	2274
24 (electronic database\$ or bibliographic database\$ or computeri?ed database\$ or online database\$).tw.	3588
25 (pooling or pooled or mantel haenszel).tw.	22534
26 (peto or dersimonian or "der simonian" or fixed effect).tw.	689
27 or/20-26	46128
28 19 and 27	15459
29 or/18,28	63515
30 case study.tw,sh.	20797
31 abstract report.tw,sh.	71202
32 note.tw,sh.	240822
33 short survey.tw,sh.	398871
34 letter.tw,sh.	388240
35 case report.tw,sh.	974959
36 editorial.tw,sh.	242670
37 or/30-36	2216944
38 13 not 37	707359
39 29 not 38	27351
40 or/38-39	734710
41 SURGICAL INFECTION/	3788
42 WOUND DEHISCENCE/	3153
43 WOUND INFECTION/	13944
44 POSTOPERATIVE INFECTION/	13798
45 ((wound? or incision\$) adj5 (infect\$ or sepsis or septic\$ or dehiscen\$)).tw.	13432
46 ((surger\$ or surgical\$) adj5 (infect\$ or sepsis or septic\$ or dehiscen\$)).tw.	11256
47 (SSI or SSTI).tw.	1227
48 ((post operative\$ or postoperative\$ or post surgical\$ or postsurgical\$) adj3 (infect\$ or sepsis or septic\$)).tw.	6320
49 or/41-48	46005
50 SURGICAL GLOVE/	925
51 GLOVE/	1759
52 (glove or gloves or gloving).tw.	3853
53 overglove?.tw.	0
54 or/50-53	4597

## Surgical site infection

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# Search history	Results
55 (draping or drape?).tw.	610
56 ((wound? or incision\$) adj1 (guard? or protector?)).tw.	11
57 PROTECTIVE CLOTHING/	3623
58 (gown? or gowning).tw.	423
59 surgical scrubs.tw.	20
60 overgown\$.tw.	3
61 (attire or theatrewear or theatre wear).tw.	119
62 (clothe? or clothing or apparel).tw.	4281
63 CLOTHING/	2271
64 or/55-63	9191
65 INSTRUMENT STERILIZATION/	4896
66 DISINFECTION/	8344
67 steril\$.tw.	29510
68 disposable.tw.	4778
69 impregnated.tw.	4778
70 or/65-69	47488
71 and/64,70	534
72 OPERATING ROOM/	5546
73 (surg\$ or operating room? or theatre? or surgical suite?).tw.	670950
74 (perioperative\$ or intraoperative\$ or intra operative\$).tw,hw.	79279
75 or/72-74	701881
76 and/71,75	204
77 and/49,76	60
78 and/54,75	1171
79 and/49,78	123
80 limit 79 to yr="2006 - 2008"	21
81 or/77,80	79
82 limit 81 to (human and english language)	58

## CINAHL - Cumulative Index to Nursing & Allied Health Literature 1982 to November Week 5 2007

# Search history	Results
1 SURGICAL WOUND INFECTION/	2006
2 SURGICAL WOUND DEHISCENCE/	216
3 (SSI or SSTI).tw.	453
4 ((wound? or incision\$) adj3 (infect\$ or sepsis or septic\$ or dehiscen\$)).tw.	1317
5 ((surger\$ or surgical\$) adj3 (infect\$ or sepsis or septic\$ or dehiscen\$)).tw.	1021
6 ((post operative\$ or post surgical\$) adj3 (infect\$ or sepsis or septic\$)).tw.	59
7 WOUND INFECTION/	1384
8 or/1-7	4666
9 GLOVES/	1305
10 (glove or gloves or gloving).tw.	1269
11 overglove?.tw.	0
12 or/9-11	1862

#	Search history	Results
13	(draping or drape?).tw.	168
14	((wound? or incision\$) adj1 (guard? or protector?)).tw.	1
15	PROTECTIVE CLOTHING/	1342
16	"BEDDING AND LINENS"/	409
17	(gown? or gowning).tw.	241
18	surgical scrubs.tw.	16
19	overgown\$.tw.	2
20	(attire or theatrewear or theatre wear).tw.	88
21	(clothe? or clothing or apparel).tw.	854
22	CLOTHING/	956
23	or/13-22	3489
24	steril\$.tw.	2166
25	disposable.tw.	566
26	impregnated.tw.	216
27	"STERILIZATION AND DISINFECTION"/	2990
28	or/24-27	5044
29	OPERATING ROOMS/	3242
30	(surg\$ or operating room? or theatre? or surgical suite?).tw.	51098
31	(perioperative\$ or intraoperative\$ or intra operative\$).tw,hw.	14763
32	or/29-31	61255
33	and/23,28	245
34	and/32-33	117
35	and/8,34	24
36	and/12,32	318
37	and/8,36	32
38	limit 37 to yr = "2006 - 2007"	9
39	or/35,38	33
40	limit 39 to english	31

## SSI\_drapes\_gowns\_gloves\_economics\_101207

Ovid MEDLINE(R) 1950 to November Week 2 2007

#	Search history	Results
1	ECONOMICS/	25237
2	"COSTS AND COST ANALYSIS"/	36345
3	COST ALLOCATION/	1830
4	COST-BENEFIT ANALYSIS/	41737
5	COST CONTROL/	17535
6	COST SAVINGS/	5855
7	COST OF ILLNESS/	9873
8	COST SHARING/	1330
9	HEALTH CARE COSTS/	16042

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#	Search history	Results
10	DIRECT SERVICE COSTS/	828
11	DRUG COSTS/	8371
12	EMPLOYER HEALTH COSTS/	982
13	HOSPITAL COSTS/	5400
14	HEALTH RESOURCES/	6072
15	"HEALTH SERVICES NEEDS AND DEMAND"/	27706
16	HEALTH PRIORITIES/	6508
17	HEALTH EXPENDITURES/	9771
18	CAPITAL EXPENDITURES/	1809
19	FINANCIAL MANAGEMENT/	14258
20	FINANCIAL MANAGEMENT, HOSPITAL/	6768
21	QUALITY-ADJUSTED LIFE YEARS/	3162
22	"DEDUCTIBLES AND COINSURANCE"/	1148
23	MEDICAL SAVINGS ACCOUNTS/	375
24	ECONOMICS, HOSPITAL/	8341
25	ECONOMICS, MEDICAL/	6943
26	ECONOMICS, NURSING/	3758
27	ECONOMICS, PHARMACEUTICAL/	1874
28	MODELS, ECONOMIC/	2944
29	MODELS, ECONOMETRIC/	2591
30	RESOURCE ALLOCATION/	5833
31	HEALTH CARE RATIONING/	8793
32	"FEES AND CHARGES"/	7275
33	BUDGETS/	8005
34	VALUE OF LIFE/	4930
35	(financ\$ or fiscal\$ or funding).tw.	51581
36	(QALY\$ or life?year\$).tw.	1855
37	(econom\$ or cost\$).tw.	268277
38	pharmacoeconomic\$.tw.	1819
39	ec.fs.	235528
40	or/1-39	541795
41	SURGICAL WOUND INFECTION/	22182
42	SURGICAL WOUND DEHISCENCE/	4700
43	(SSI or SSTI).tw.	1596
44	WOUND INFECTION/	7641
45	((wound? or incision\$) adj3 (infect\$ or sepsis or septic\$ or dehiscen\$)).tw.	15592
46	((surger\$ or surgical\$) adj3 (infect\$ or sepsis or septic\$ or dehiscen\$)).tw.	9023
47	((post operative\$ or post surgical\$) adj3 (infect\$ or sepsis or septic\$)).tw.	877
48	or/41-47	47910
49	GLOVES, SURGICAL/	2356
50	GLOVES, PROTECTIVE/	1060
51	(glove or gloves or gloving).tw.	5111
52	overglove?.tw.	1

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#	Search history	Results
53	or/49-52	6113
54	(draping or drape?).tw.	924
55	"BEDDING AND LINENS"/	2886
56	((wound? or incision\$) adj1 (guard? or protector?)).tw.	16
57	PROTECTIVE CLOTHING/	3654
58	(gown? or gowning).tw.	662
59	surgical scrubs.tw.	39
60	overgown\$.tw.	3
61	(attire or theatrewear or theatre wear).tw.	183
62	(clothe? or clothing or apparel).tw.	5391
63	CLOTHING/	5574
64	or/54-63	16295
65	steril\$.tw.	45337
66	disposable.tw.	6048
67	STERILIZATION/	14303
68	impregnated.tw.	5738
69	or/65-68	64122
70	and/64,69	1017
71	OPERATING ROOMS/	8182
72	(surg\$ or operating room? or theatre? or surgical suite?).tw.	888547
73	(perioperative\$ or intraoperative\$ or intra operative\$).tw,hw.	114113
74	or/71-73	939724
75	and/70,74	288
76	and/48,75	86
77	and/53,74	1616
78	and/48,77	162
79	or/76,78	233
80	and/40,79	22
81	limit 80 to english language	20

#### EMBASE 1980 to 2007 Week 49

#	Search history	Results
1	ECONOMICS/	5449
2	HEALTH ECONOMICS/	9679
3	ECONOMIC EVALUATION/	3911
4	COST BENEFIT ANALYSIS/	27546
5	COST CONTROL/	15904
6	COST EFFECTIVENESS ANALYSIS/	51947
7	COST MINIMIZATION ANALYSIS/	1255
8	COST OF ILLNESS/	4253
9	COST UTILITY ANALYSIS/	2117
10	COST/	19610
11	HEALTH CARE COST/	56076

## Surgical site infection

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# Search history	Results
12 DRUG COST/	31557
13 HEALTH CARE FINANCING/	8877
14 HOSPITAL COST/	6009
15 SOCIOECONOMICS/	28460
16 ECONOMIC ASPECT/	68697
17 QUALITY-ADJUSTED LIFE YEARS/	3374
18 FINANCIAL MANAGEMENT/	21641
19 PHARMACOECONOMICS/	901
20 RESOURCE ALLOCATION/	6989
21 (financ\$ or fiscal\$ or funding).tw.	36553
22 (QALY\$ or life?year\$).tw.	1817
23 (econom\$ or cost\$).tw.	218613
24 pharmaco-economic\$.tw.	2475
25 or/1-24	390760
26 SURGICAL INFECTION/	3788
27 WOUND DEHISCENCE/	3153
28 WOUND INFECTION/	13944
29 POSTOPERATIVE INFECTION/	13798
30 ((wound? or incision\$) adj5 (infect\$ or sepsis or septic\$ or dehiscen\$)).tw.	13432
31 ((surger\$ or surgical\$) adj5 (infect\$ or sepsis or septic\$ or dehiscen\$)).tw.	11256
32 (SSI or SSTI).tw.	1227
33 ((post operative\$ or postoperative\$ or post surgical\$ or postsurgical\$) adj3 (infect\$ or sepsis or septic\$)).tw.	6320
34 or/26-33	46005
35 SURGICAL GLOVE/	925
36 GLOVE/	1759
37 (glove or gloves or gloving).tw.	3853
38 overglove?.tw.	0
39 or/35-38	4597
40 (draping or drape?).tw.	610
41 ((wound? or incision\$) adj1 (guard? or protector?)).tw.	11
42 PROTECTIVE CLOTHING/	3623
43 (gown? or gowning).tw.	423
44 surgical scrubs.tw.	20
45 overgown\$.tw.	3
46 (attire or theatrewear or theatre wear).tw.	119
47 (clothe? or clothing or apparel).tw.	4281
48 CLOTHING/	2271
49 or/40-48	9191
50 INSTRUMENT STERILIZATION/	4896
51 DISINFECTION/	8344
52 steril\$.tw.	29510
53 disposable.tw.	4778

# Search history	Results
54 impregnated.tw.	4778
55 or/50-54	47488
56 and/49,55	534
57 OPERATING ROOM/	5546
58 (surg\$ or operating room? or theatre? or surgical suite?).tw.	670950
59 (perioperative\$ or intraoperative\$ or intra operative\$).tw,hw.	79279
60 or/57-59	701881
61 and/56,60	204
62 and/34,61	60
63 and/39,60	1171
64 and/34,63	123
65 or/62,64	170
66 and/25,65	11
67 limit 66 to english language	9

**DARE/EED**

Search	Matching records
# 1 MESH SURGICAL WOUND INFECTION	165
# 2 MESH SURGICAL WOUND DEHISCENCE	18
# 3 MESH WOUND INFECTION	29
# 4 ssi OR ssti	11
# 5 #1 or #2 or #3 or #4	212
# 6 MESH GLOVES, SURGICAL	6
# 7 MESH GLOVES, PROTECTIVE	5
# 8 MESH PROTECTIVE CLOTHING	14
# 9 MESH CLOTHING	5
# 10 glove*	46
# 11 gown*	17
# 12 attire OR apparel OR clothe* OR clothing	39
# 13 scrubs	1
# 14 #6 or #7 or #8 or #9 or #10 or #11 or #12 or #13	86
# 17 #5 and #14	5

**SSI\_closure\_methods\_101207****Ovid MEDLINE(R) 1950 to November Week 2 2007**

# Search history	Results
1 randomized controlled trial.pt.	246761
2 controlled clinical trial.pt.	77022

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#	Search history	Results
3	DOUBLE BLIND METHOD/	94781
4	SINGLE BLIND METHOD/	11591
5	RANDOM ALLOCATION/	59778
6	RANDOMIZED CONTROLLED TRIALS/	52472
7	or/1-6	418296
8	((single or double or triple or treble) adj5 (blind\$ or mask\$)).tw,sh.	92403
9	clinical trial.pt.	444490
10	exp CLINICAL TRIALS/	199910
11	(clinic\$ adj5 trial\$).tw,sh.	121169
12	PLACEBOS/	26956
13	placebo\$.tw,sh.	119903
14	random\$.tw,sh.	520862
15	or/8-14	874045
16	or/7,15	882795
17	META ANALYSIS/	7911
18	meta analysis.pt.	17222
19	(metaanaly\$ or meta-analy\$ or (meta adj analy\$)).tw,sh.	30602
20	(systematic\$ adj5 (review\$ or overview\$)).tw,sh.	15366
21	(methodologic\$ adj5 (review\$ or overview\$)).tw,sh.	1812
22	or/17-21	42251
23	review\$.pt.	1342019
24	(medline or medlars or embase or cinahl or cochrane or psycinfo or psychinfo or psychlit or psyclit or "web of science" or "science citation" or scisearch).tw.	27929
25	((hand or manual\$) adj2 search\$).tw.	3130
26	(electronic database\$ or bibliographic database\$ or computerized database\$ or online database\$).tw,sh.	4661
27	(pooling or pooled or mantel haenszel).tw,sh.	27753
28	(peto or dersimonian or der simonian or fixed effect).tw,sh.	1270
29	or/24-28	57345
30	23 and 29	23775
31	or/22,30	56696
32	letter.pt.	612627
33	case report.tw.	129971
34	comment.pt.	348760
35	editorial.pt.	213480
36	historical article.pt.	248519
37	or/32-36	1243797
38	16 not 37	849294
39	31 not 37	53492
40	or/38-39	876416
41	SURGICAL WOUND INFECTION/	22182
42	SURGICAL WOUND DEHISCENCE/	4700
43	(SSI or SSTI).tw.	1596
44	WOUND INFECTION/	7641

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# Search history	Results
45 ((wound? or incision\$) adj3 (infect\$ or sepsis or septic\$ or dehiscen\$)).tw.	15592
46 ((surger\$ or surgical\$) adj3 (infect\$ or sepsis or septic\$ or dehiscen\$)).tw.	9023
47 ((post operative\$ or post surgical\$) adj3 (infect\$ or sepsis or septic\$)).tw.	877
48 BACTERIAL INFECTION/pc	6664
49 or/41-48	53488
50 SUTURES/	10085
51 (suture? or stitch\$2).tw.	35812
52 SURGICAL TAPE/	37
53 TISSUE ADHESIVES/	4076
54 ((tape? or adhesive?) adj3 (skin or tissue or surg\$)).tw.	2068
55 staple?.tw.	5675
56 (surg\$ adj3 stapling).tw.	143
57 SUTURE TECHNIQUES/	28619
58 SURGICAL STAPLING/	1540
59 (glue\$ adj3 (skin or tissue or surg\$)).tw.	622
60 ((wound? or incision\$ or skin or surg\$) adj3 closure).tw.	7407
61 or/50-60	71461
62 and/49,61	4589
63 and/40,62	715
64 limit 63 to humans	659
65 limit 64 to english language	576
66 limit 65 to yr="2005 - 2008"	100

#### EMBASE 1980 to 2007 Week 49

# Search history	Results
1 CLINICAL TRIALS/	483702
2 (clinic\$ adj5 trial\$).ti,ab,sh.	113379
3 SINGLE BLIND PROCEDURE/	7221
4 DOUBLE BLIND PROCEDURE/	67463
5 RANDOM ALLOCATION/	24615
6 CROSSOVER PROCEDURE/	19730
7 PLACEBO/	107354
8 placebo\$.ti,ab,sh.	156765
9 random\$.ti,ab,sh.	393043
10 RANDOMIZED CONTROLLED TRIALS/	152014
11 ((single or double or triple or treble) adj (blind\$ or mask\$)).ti,ab,sh.	88128
12 randomi?ed control\$ trial\$.tw.	27826
13 or/1-12	795934
14 META ANALYSIS/	32571
15 ((meta adj analy\$) or metaanalys\$ or meta-analy\$).ti,ab,sh.	40307
16 (systematic\$ adj5 (review\$ or overview\$)).ti,sh,ab.	22685
17 (methodologic\$ adj5 (review\$ or overview\$)).ti,ab,sh.	1468
18 or/14-17	54621

## Surgical site infection

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#	Search history	Results
19	review.pt.	844256
20	(medline or medlars or embase).ab.	19711
21	(scisearch or science citation index).ab.	572
22	(psychlit or psyclit or psychinfo or psycinfo or cinahl or cochrane).ab.	6223
23	((hand or manual\$) adj2 search\$).tw.	2274
24	(electronic database\$ or bibliographic database\$ or computerized database\$ or online database\$).tw.	3588
25	(pooling or pooled or mantel haenszel).tw.	22534
26	(peto or dersimonian or "der simonian" or fixed effect).tw.	689
27	or/20-26	46128
28	19 and 27	15459
29	or/18,28	63515
30	case study.tw,sh.	20797
31	abstract report.tw,sh.	71202
32	note.tw,sh.	240822
33	short survey.tw,sh.	398871
34	letter.tw,sh.	388240
35	case report.tw,sh.	974959
36	editorial.tw,sh.	242670
37	or/30-36	2216944
38	13 not 37	707359
39	29 not 38	27351
40	or/38-39	734710
41	SURGICAL INFECTION/	3788
42	WOUND DEHISCENCE/	3153
43	WOUND INFECTION/	13944
44	POSTOPERATIVE INFECTION/	13798
45	((wound? or incision\$) adj5 (infect\$ or sepsis or septic\$ or dehiscen\$)).tw.	13432
46	((surger\$ or surgical\$) adj5 (infect\$ or sepsis or septic\$ or dehiscen\$)).tw.	11256
47	(SSI or SSTI).tw.	1227
48	((post operative\$ or postoperative\$ or post surgical\$ or postsurgical\$) adj3 (infect\$ or sepsis or septic\$)).tw.	6320
49	BACTERIAL INFECTION/pc	5019
50	SKIN INFECTION/pc	311
51	or/41-50	50903
52	SUTURE/	7091
53	(suture? or stitch\$2).tw.	26043
54	WOUND CLOSURE/	5075
55	SUTURE MATERIAL/	1323
56	SURGICAL STAPLING/	1403
57	((tape? or adhesive?) adj3 (skin or tissue or surg\$)).tw.	1437
58	staple?.tw.	4682
59	(surg\$ adj3 stapling).tw.	107
60	(glue\$ adj3 (skin or tissue or surg\$)).tw.	494

# Search history	Results
61 ((wound? or incision\$ or skin or surg\$) adj3 closure).tw.	6145
62 TISSUE ADHESIVE/	1399
63 biologic\$ glue?.tw.	161
64 (clip? adj3 (skin or tissue or surg\$)).tw.	438
65 or/52-64	42591
66 and/51,65	3255
67 and/40,66	629
68 limit 67 to human	574
69 limit 68 to english language	530
70 limit 69 to yr= "2005 - 2008"	152

### CINAHL - Cumulative Index to Nursing & Allied Health Literature 1982 to November Week 5 2007

# Search history	Results
1 exp CLINICAL TRIALS/	49541
2 clinical trial.pt.	24077
3 (clinic\$ adj5 trial\$).tw,sh.	12612
4 SINGLE-BLIND STUDIES/	2535
5 DOUBLE-BLIND STUDIES/	9366
6 TRIPLE-BLIND STUDIES/	37
7 ((single or double or triple or treble) adj5 (blind\$ or mask\$)).tw,sh.	6895
8 RANDOM ASSIGNMENT/	16888
9 random\$.tw.	46370
10 RANDOMIZED CONTROLLED TRIALS/	37853
11 randomi?ed control\$ trial\$.tw.	10212
12 PLACEBOS/	3888
13 placebo\$.tw.	9634
14 or/1-13	82772
15 META ANALYSIS/	5898
16 ((meta adj analy\$) or metaanalys\$ or meta-analy\$).tw.	4169
17 SYSTEMATIC REVIEW/	3443
18 systematic review.pt.	10183
19 (systematic\$ adj5 (review\$ or overview\$)).tw.	7972
20 LITERATURE REVIEW/	2497
21 or/15-20	19162
22 ("review" or "review studies" or "review academic" or "review tutorial").ti,ab,sh,pt.	100250
23 (medline or medlars or embase or cochrane or scisearch or psycinfo or psychinfo or psychlit or psyclit or "web of science" or "science citation").tw.	8484
24 ((hand or manual\$) adj2 search\$).tw.	957
25 (electronic database\$ or bibliographic database\$ or computeri?ed database\$ or online database\$).tw.	1547
26 (pooling or pooled or mantel haenszel).tw.	2254
27 (peto or dersimonian or "der simonian" or fixed effect).tw.	391
28 or/23-27	10981

## Surgical site infection

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# Search history	Results
29 and/22,28	6404
30 or/21,29	20839
31 letter.pt.	49058
32 commentary.pt.	69620
33 editorial.pt.	79412
34 or/31-33	162377
35 14 not 34	73335
36 30 not 34	18010
37 or/35-36	83878
38 SURGICAL WOUND INFECTION/	2006
39 SURGICAL WOUND DEHISCENCE/	216
40 (SSI or SSTI).tw.	453
41 ((wound? or incision\$) adj3 (infect\$ or sepsis or septic\$ or dehiscen\$)).tw.	1317
42 ((surger\$ or surgical\$) adj3 (infect\$ or sepsis or septic\$ or dehiscen\$)).tw.	1021
43 ((post operative\$ or post surgical\$) adj3 (infect\$ or sepsis or septic\$)).tw.	59
44 WOUND INFECTION/	1384
45 BACTERIAL INFECTIONS/pc	358
46 or/38-45	5001
47 SUTURE TECHNIQUES/	522
48 SUTURES/	384
49 (suture? or stitch\$2).tw.	999
50 ((tape? or adhesive?) adj3 (skin or tissue or surg\$)).tw.	137
51 FIBRIN TISSUE ADHESIVE/	103
52 ADHESIVES/	363
53 staple?.tw.	242
54 (surg\$ adj3 stapling).tw.	8
55 SURGICAL STAPLING/	102
56 (glue\$ adj3 (skin or tissue or surg\$)).tw.	30
57 ((wound? or incision\$ or skin or surg\$) adj3 closure).tw.	541
58 or/47-57	2592
59 and/46,58	216
60 limit 59 to english	213
61 limit 60 to yr="2005 - 2007"	80
62 and/37,61	25

## SSI\_closure\_methods\_economics\_101207

Ovid MEDLINE(R) 1950 to November Week 2 2007

# Search history	Results
1 ECONOMICS/	25237
2 "COSTS AND COST ANALYSIS"/	36345
3 COST ALLOCATION/	1830

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#	Search history	Results
4	COST-BENEFIT ANALYSIS/	41737
5	COST CONTROL/	17535
6	COST SAVINGS/	5855
7	COST OF ILLNESS/	9873
8	COST SHARING/	1330
9	HEALTH CARE COSTS/	16042
10	DIRECT SERVICE COSTS/	828
11	DRUG COSTS/	8371
12	EMPLOYER HEALTH COSTS/	982
13	HOSPITAL COSTS/	5400
14	HEALTH RESOURCES/	6072
15	"HEALTH SERVICES NEEDS AND DEMAND"/	27706
16	HEALTH PRIORITIES/	6508
17	HEALTH EXPENDITURES/	9771
18	CAPITAL EXPENDITURES/	1809
19	FINANCIAL MANAGEMENT/	14258
20	FINANCIAL MANAGEMENT, HOSPITAL/	6768
21	QUALITY-ADJUSTED LIFE YEARS/	3162
22	"DEDUCTIBLES AND COINSURANCE"/	1148
23	MEDICAL SAVINGS ACCOUNTS/	375
24	ECONOMICS, HOSPITAL/	8341
25	ECONOMICS, MEDICAL/	6943
26	ECONOMICS, NURSING/	3758
27	ECONOMICS, PHARMACEUTICAL/	1874
28	MODELS, ECONOMIC/	2944
29	MODELS, ECONOMETRIC/	2591
30	RESOURCE ALLOCATION/	5833
31	HEALTH CARE RATIONING/	8793
32	"FEES AND CHARGES"/	7275
33	BUDGETS/	8005
34	VALUE OF LIFE/	4930
35	(financ\$ or fiscal\$ or funding).ti.	13116
36	(QALY\$ or life?year\$).ti.	188
37	(econom\$ or cost\$).ti.	76053
38	pharmacoeconomic\$.ti.	1030
39	or/1-38	272989
40	SURGICAL WOUND INFECTION/	22182
41	SURGICAL WOUND DEHISCENCE/	4700
42	(SSI or SSTI).tw.	1596
43	WOUND INFECTION/	7641
44	((wound? or incision\$) adj3 (infect\$ or sepsis or septic\$ or dehiscen\$)).tw.	15592
45	((surger\$ or surgical\$) adj3 (infect\$ or sepsis or septic\$ or dehiscen\$)).tw.	9023
46	((post operative\$ or post surgical\$) adj3 (infect\$ or sepsis or septic\$)).tw.	877

## Surgical site infection

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#	Search history	Results
47	BACTERIAL INFECTION/pc	6664
48	or/40-47	53488
49	SUTURES/	10085
50	(suture? or stitch\$2).tw.	35812
51	SURGICAL TAPE/	37
52	TISSUE ADHESIVES/	4076
53	((tape? or adhesive?) adj3 (skin or tissue or surg\$)).tw.	2068
54	staple?.tw.	5675
55	(surg\$ adj3 stapling).tw.	143
56	SUTURE TECHNIQUES/	28619
57	SURGICAL STAPLING/	1540
58	(glue\$ adj3 (skin or tissue or surg\$)).tw.	622
59	((wound? or incision\$ or skin or surg\$) adj3 closure).tw.	7407
60	or/49-59	71461
61	and/48,60	4589
62	and/39,61	54
63	limit 62 to english language	43

## EMBASE 1980 to 2007 Week 49

#	Search history	Results
1	ECONOMICS/	5449
2	HEALTH ECONOMICS/	9679
3	ECONOMIC EVALUATION/	3911
4	COST BENEFIT ANALYSIS/	27546
5	COST CONTROL/	15904
6	COST EFFECTIVENESS ANALYSIS/	51947
7	COST MINIMIZATION ANALYSIS/	1255
8	COST OF ILLNESS/	4253
9	COST UTILITY ANALYSIS/	2117
10	COST/	19610
11	HEALTH CARE COST/	56076
12	DRUG COST/	31557
13	HEALTH CARE FINANCING/	8877
14	HOSPITAL COST/	6009
15	SOCIOECONOMICS/	28460
16	ECONOMIC ASPECT/	68697
17	QUALITY-ADJUSTED LIFE YEARS/	3374
18	FINANCIAL MANAGEMENT/	21641
19	PHARMACOECONOMICS/	901
20	RESOURCE ALLOCATION/	6989
21	(financ\$ or fiscal\$ or funding).ti.	5917
22	(QALY\$ or life?year\$).ti.	140
23	(econom\$ or cost\$).ti.	50100

#	Search history	Results
24	pharmacoeconomic\$.ti.	1231
25	or/1-24	283159
26	SURGICAL INFECTION/	3788
27	WOUND DEHISCENCE/	3153
28	WOUND INFECTION/	13944
29	POSTOPERATIVE INFECTION/	13798
30	((wound? or incision\$) adj5 (infect\$ or sepsis or septic\$ or dehiscen\$)).tw.	13432
31	((surger\$ or surgical\$) adj5 (infect\$ or sepsis or septic\$ or dehiscen\$)).tw.	11256
32	(SSI or SSTI).tw.	1227
33	((post operative\$ or postoperative\$ or post surgical\$ or postsurgical\$) adj3 (infect\$ or sepsis or septic\$)).tw.	6320
34	BACTERIAL INFECTION/pc	5019
35	SKIN INFECTION/pc	311
36	or/26-35	50903
37	SUTURE/	7091
38	(suture? or stitch\$2).tw.	26043
39	WOUND CLOSURE/	5075
40	SUTURE MATERIAL/	1323
41	SURGICAL STAPLING/	1403
42	((tape? or adhesive?) adj3 (skin or tissue or surg\$)).tw.	1437
43	staple?.tw.	4682
44	(surg\$ adj3 stapling).tw.	107
45	(glue\$ adj3 (skin or tissue or surg\$)).tw.	494
46	((wound? or incision\$ or skin or surg\$) adj3 closure).tw.	6145
47	TISSUE ADHESIVE/	1399
48	biologic\$ glue?.tw.	161
49	(clip? adj3 (skin or tissue or surg\$)).tw.	438
50	or/37-49	42591
51	and/36,50	3255
52	and/25,51	141
53	limit 52 to english language	127

**DARE/EED**

#	Search	Matching records
# 1	MESH SURGICAL WOUND INFECTION	165
# 2	MESH SURGICAL WOUND DEHISCENCE	18
# 3	MESH WOUND INFECTION	29
# 4	ssi OR ssti	11
# 5	#1 or #2 or #3 or #4	212
# 18	MESH SUTURES	26
# 19	MESH TISSUE ADHESIVES	21

	<b>Search</b>	<b>Matching records</b>
# 20	MESH SUTURE TECHNIQUES	65
# 21	MESH SURGICAL STAPLING	23
# 22	tape* OR adhesive* OR glue*	215
# 23	sutur* OR stitch* OR stapl*	232
# 24	wound AND closure	78
# 25	skin AND closure	40
# 26	#18 or #19 or #20 or #21 or #22 or #23 or #24 or #25	484
# 27	#5 and #26	25

## SSI\_glycaemic\_control\_131207

### Ovid MEDLINE(R) 1950 to November Week 2 2007

#	<b>Search history</b>	<b>Results</b>
41	SURGICAL WOUND INFECTION/	22182
42	SURGICAL WOUND DEHISCENCE/	4700
43	(SSI or SSTI).tw.	1596
44	WOUND INFECTION/	7641
45	((wound? or incision\$) adj3 (infect\$ or sepsis or septic\$ or dehiscen\$)).tw.	15592
46	((surger\$ or surgical\$) adj3 (infect\$ or sepsis or septic\$ or dehiscen\$)).tw.	9023
47	((post operative\$ or post surgical\$) adj3 (infect\$ or sepsis or septic\$)).tw.	877
48	BACTERIAL INFECTION/pc	6664
49	CROSS INFECTION/pc	14187
50	or/41-49	66011
51	BLOOD GLUCOSE/	98489
52	GLYCEMIC INDEX/	586
53	HYPOGLYCEMIA/	17103
54	HYPERGLYCEMIA/	13243
55	blood glucose.tw.	27877
56	hyperglyc?emi\$.tw.	25028
57	INSULIN/	130338
58	HYPOGLYCEMIC AGENTS/	23429
59	(insulin\$ adj3 (therap\$ or treatment?)).tw.	14544
60	(hypoglyc?emic agent? or hypoglyc?emic therap\$).tw.	2399
61	((blood glucose or blood sugar? or glyc?emic) adj3 control\$).tw.	11723
62	HYPERGLYCEMIA/pc	959
63	or/51-62	229248
64	and/50,63	267
65	diabet\$.ti.	157112
66	64 not 65	173
67	letter.pt.	612627

#	Search history	Results
41	SURGICAL WOUND INFECTION/	22182
68	comment.pt.	348760
69	editorial.pt.	213480
70	historical article.pt.	248519
71	or/67-70	1116464
72	66 not 71	167
73	limit 72 to (humans and english language)	131

**EMBASE 1980 to 2007 Week 49**

#	Search history	Results
1	CLINICAL TRIALS/	483702
2	(clinic\$ adj5 trial\$.ti,ab,sh.	113379
3	SINGLE BLIND PROCEDURE/	7221
4	DOUBLE BLIND PROCEDURE/	67463
5	RANDOM ALLOCATION/	24615
6	CROSSOVER PROCEDURE/	19730
7	PLACEBO/	107354
8	placebo\$.ti,ab,sh.	156765
9	random\$.ti,ab,sh.	393043
10	RANDOMIZED CONTROLLED TRIALS/	152014
11	((single or double or triple or treble) adj (blind\$ or mask\$)).ti,ab,sh.	88128
12	randomi?ed control\$ trial\$.tw.	27826
13	or/1-12	795934
14	META ANALYSIS/	32571
15	((meta adj analy\$) or metaanalys\$ or meta-analy\$).ti,ab,sh.	40307
16	(systematic\$ adj5 (review\$ or overview\$)).ti,sh,ab.	22685
17	(methodologic\$ adj5 (review\$ or overview\$)).ti,ab,sh.	1468
18	or/14-17	54621
19	review.pt.	844256
20	(medline or medlars or embase).ab.	19711
21	(scisearch or science citation index).ab.	572
22	(psychlit or psyclit or psychinfo or psycinfo or cinahl or cochrane).ab.	6223
23	((hand or manual\$) adj2 search\$.tw.	2274
24	(electronic database\$ or bibliographic database\$ or computeri?ed database\$ or online database\$.tw.	3588
25	(pooling or pooled or mantel haenszel).tw.	22534
26	(peto or dersimonian or "der simonian" or fixed effect).tw.	689
27	or/20-26	46128
28	19 and 27	15459
29	or/18,28	63515
30	case study.tw,sh.	20797
31	abstract report.tw,sh.	71202
32	note.tw,sh.	240822

## Surgical site infection

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# Search history	Results
33 short survey.tw,sh.	398871
34 letter.tw,sh.	388240
35 case report.tw,sh.	974959
36 editorial.tw,sh.	242670
37 or/30-36	2216944
38 13 not 37	707359
39 29 not 38	27351
40 or/38-39	734710
41 SURGICAL INFECTION/	3788
42 WOUND DEHISCENCE/	3153
43 WOUND INFECTION/	13944
44 POSTOPERATIVE INFECTION/	13798
45 ((wound? or incision\$) adj5 (infect\$ or sepsis or septic\$ or dehiscen\$)).tw.	13432
46 ((surger\$ or surgical\$) adj5 (infect\$ or sepsis or septic\$ or dehiscen\$)).tw.	11256
47 (SSI or SSTI).tw.	1227
48 ((post operative\$ or postoperative\$ or post surgical\$ or postsurgical\$) adj3 (infect\$ or sepsis or septic\$)).tw.	6320
49 BACTERIAL INFECTION/pc	5019
50 SKIN INFECTION/pc	311
51 or/41-50	50903
52 GLUCOSE BLOOD LEVEL/	52721
53 GLYCEMIC INDEX/	621
54 HYPOGLYCEMIA/	20411
55 HYPERGLYCEMIA/	23130
56 INSULIN/	109496
57 ANTIDIABETIC AGENT/	8610
58 GLYCEMIC CONTROL/	2238
59 blood glucose.tw.	24351
60 blood sugar?.tw.	3016
61 (insulin\$ adj3 (therap\$ or treatment?)).tw.	13061
62 (hypoglyc?emic agent? or hypoglyc?emic therap\$).tw.	2008
63 (glyc?emi\$ adj2 control\$).tw.	9347
64 euglyc?emi?.tw.	6229
65 normoglyc?emi?.tw.	3911
66 or/52-65	178912
67 ((post or after) adj2 (surg\$ or operative\$ or operation?)).tw.	140605
68 recovery phase?.tw.	2085
69 ((during or before or peri) adj2 (surg\$ or operative\$ or operation?)).tw.	61348
70 (postoperative\$ or perioperative\$).tw,hw.	310787
71 (preoperative\$ or pre operative\$).tw,hw.	136428
72 surgery.tw,hw.	612440
73 or/67-72	827988
74 and/51,66	613

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# Search history	Results
75 and/73-74	403
76 diabet\$.ti.	115740
77 75 not 76	312
78 and/40,77	99
79 limit 78 to (human and english language)	91

### CINAHL - Cumulative Index to Nursing & Allied Health Literature 1982 to December Week 1 2007

# Search history	Results
1 SURGICAL WOUND INFECTION/	2018
2 SURGICAL WOUND DEHISCENCE/	217
3 (SSI or SSTI).tw.	455
4 ((wound? or incision\$) adj3 (infect\$ or sepsis or septic\$ or dehiscen\$)).tw.	1333
5 ((surger\$ or surgical\$) adj3 (infect\$ or sepsis or septic\$ or dehiscen\$)).tw.	1024
6 ((post operative\$ or post surgical\$) adj3 (infect\$ or sepsis or septic\$)).tw.	59
7 WOUND INFECTION/	1395
8 BACTERIAL INFECTIONS/pc	363
9 or/1-8	5040
10 BLOOD GLUCOSE/	4250
11 GLYCEMIC INDEX/	496
12 HYPOGLYCEMIA/	1710
13 HYPERGLYCEMIA/	1265
14 blood glucose.tw.	2426
15 blood sugar?.tw.	350
16 hyperglyc?emi\$.tw.	1424
17 INSULIN/	5326
18 HYPOGLYCEMIC AGENTS/	1697
19 (insulin\$ adj3 (therap\$ or treatment?)).tw.	1082
20 (hypoglyc?emic agent? or hypoglyc?emic therap\$).tw.	188
21 (glyc?emic adj3 control\$).tw.	1830
22 GLYCEMIC CONTROL/	3636
23 normoglyc?emi?.tw.	173
24 euglyc?emi?.tw.	349
25 or/10-24	14824
26 and/9,25	86
27 diabet\$.ti.	21031
28 26 not 27	56
29 limit 28 to english	56

**SSI\_intraop\_skin\_antiseptics\_020108**

Ovid MEDLINE(R) 1950 to November Week 2 2007

#	Search history	Results
1	randomized controlled trial.pt.	246761
2	controlled clinical trial.pt.	77022
3	DOUBLE BLIND METHOD/	94781
4	SINGLE BLIND METHOD/	11591
5	RANDOM ALLOCATION/	59778
6	RANDOMIZED CONTROLLED TRIALS/	52472
7	or/1-6	418296
8	((single or double or triple or treble) adj5 (blind\$ or mask\$)).tw,sh.	92403
9	clinical trial.pt.	444490
10	exp CLINICAL TRIALS/	199910
11	(clinic\$ adj5 trial\$).tw,sh.	121169
12	PLACEBOS/	26956
13	placebo\$.tw,sh.	119903
14	random\$.tw,sh.	520862
15	or/8-14	874045
16	or/7,15	882795
17	META ANALYSIS/	7911
18	meta analysis.pt.	17222
19	(metaanaly\$ or meta-analy\$ or (meta adj analy\$)).tw,sh.	30602
20	(systematic\$ adj5 (review\$ or overview\$)).tw,sh.	15366
21	(methodologic\$ adj5 (review\$ or overview\$)).tw,sh.	1812
22	or/17-21	42251
23	review\$.pt.	1342019
24	(medline or medlars or embase or cinahl or cochrane or psycinfo or psychinfo or psychlit or psyclit or "web of science" or "science citation" or scisearch).tw.	27929
25	((hand or manual\$) adj2 search\$).tw.	3130
26	(electronic database\$ or bibliographic database\$ or computerized database\$ or online database\$).tw,sh.	4661
27	(pooling or pooled or mantel haenszel).tw,sh.	27753
28	(peto or dersimonian or der simonian or fixed effect).tw,sh.	1270
29	or/24-28	57345
30	23 and 29	23775
31	or/22,30	56696
32	letter.pt.	612627
33	case report.tw.	129971
34	comment.pt.	348760
35	editorial.pt.	213480
36	historical article.pt.	248519
37	or/32-36	1243797
38	16 not 37	849294

# Search history	Results
39 31 not 37	53492
40 or/38-39	876416
41 SURGICAL WOUND INFECTION/	22182
42 SURGICAL WOUND DEHISCENCE/	4700
43 (SSI or SSTI).tw.	1596
44 WOUND INFECTION/	7641
45 INFECTION CONTROL/	13331
46 ((wound? or incision\$) adj3 (infect\$ or sepsis or septic\$ or dehiscen\$)).tw.	15592
47 ((surger\$ or surgical\$) adj3 (infect\$ or sepsis or septic\$ or dehiscen\$)).tw.	9023
48 POSTOPERATIVE COMPLICATIONS/	228450
49 BACTERIAL INFECTION/pc	6664
50 or/41-49	283097
51 ANTI-INFECTIVE AGENTS, LOCAL/	9077
52 POVIDONE-IODINE/	1817
53 CHLORHEXIDINE/	4303
54 DISINFECTION/	7038
55 DETERGENTS/	14041
56 ANTIBACTERIAL AGENTS/	170156
57 (antimicrob\$ or anti microb\$ or antibiotic\$ or anti biotic\$).tw.	195578
58 ((anti-infective\$ or antiinfective\$ or antibacteria\$ or anti-bacteria\$) adj (agent\$ or drug\$)).tw.	5135
59 microbicide?.tw.	809
60 (bacteriocide? or bacteriocidal agent?).tw.	39
61 exp CARBAPENEMS/	4488
62 exp CEPHALOSPORINS/	32015
63 exp CEPHAMYCINS/	2997
64 exp MONOBACTAMS/	1293
65 exp PENICILLINS/	60951
66 THIENAMYCINS/	2093
67 exp MACROLIDES/	71976
68 exp FLUOROQUINOLONES/	18345
69 exp SULFONAMIDES/	76423
70 exp TETRACYCLINES/	33836
71 exp AMINOGLYCOSIDES/	104898
72 CLINDAMYCIN/	4064
73 exp NITROIMIDAZOLES/	12658
74 (gentamicin? or cefuroxime? or metronidazole? or ciprofloxacin?).tw.	36066
75 or/52-74	586857
76 skin.tw.	265367
77 topical\$.tw.	50380
78 local\$.tw.	599057
79 ADMINISTRATION, CUTANEOUS/	10017
80 dermis.tw.	11696

## Surgical site infection

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# Search history	Results
81 dermal\$.tw.	24238
82 or/76-81	894444
83 ((before or prior to or previous to or preced\$) adj3 (clos\$ or stitch\$ or stapl\$)).tw.	2242
84 (pre closure or preclosure).tw.	50
85 intraoperative\$.tw,hw.	81813
86 or/83-85	83879
87 and/75,82	42335
88 or/51,87	50120
89 and/50,88	4950
90 and/86,89	259
91 and/40,90	84
92 limit 91 to (humans and english language)	68

### EMBASE 1980 to 2007 Week 52

# Search history	Results
1 CLINICAL TRIALS/	485927
2 (clinic\$ adj5 trial\$.ti,ab,sh.	113965
3 SINGLE BLIND PROCEDURE/	7258
4 DOUBLE BLIND PROCEDURE/	67654
5 RANDOM ALLOCATION/	24752
6 CROSSOVER PROCEDURE/	19796
7 PLACEBO/	108111
8 placebo\$.ti,ab,sh.	157583
9 random\$.ti,ab,sh.	394617
10 RANDOMIZED CONTROLLED TRIALS/	152628
11 ((single or double or triple or treble) adj (blind\$ or mask\$)).ti,ab,sh.	88367
12 randomi?ed control\$ trial\$.tw.	28004
13 or/1-12	799269
14 META ANALYSIS/	32663
15 ((meta adj analy\$) or metaanalys\$ or meta-analy\$).ti,ab,sh.	40471
16 (systematic\$ adj5 (review\$ or overview\$)).ti,sh,ab.	22875
17 (methodologic\$ adj5 (review\$ or overview\$)).ti,ab,sh.	1477
18 or/14-17	54915
19 review.pt.	848114
20 (medline or medlars or embase).ab.	19863
21 (scisearch or science citation index).ab.	575
22 (psychlit or psyclit or psychinfo or psycinfo or cinahl or cochrane).ab.	6296
23 ((hand or manual\$) adj2 search\$).tw.	2289
24 (electronic database\$ or bibliographic database\$ or computeri?ed database\$ or online database\$).tw.	3623
25 (pooling or pooled or mantel haenszel).tw.	22630
26 (peto or dersimonian or "der simonian" or fixed effect).tw.	696
27 or/20-26	46408

# Search history	Results
28 19 and 27	15566
29 or/18,28	63858
30 case study.tw,sh.	20889
31 abstract report.tw,sh.	71202
32 note.tw,sh.	241694
33 short survey.tw,sh.	400593
34 letter.tw,sh.	390103
35 case report.tw,sh.	977427
36 editorial.tw,sh.	243789
37 or/30-36	2224591
38 13 not 37	710244
39 29 not 38	27516
40 or/38-39	737760
41 SURGICAL INFECTION/	3810
42 WOUND DEHISCENCE/	3172
43 WOUND INFECTION/	13987
44 POSTOPERATIVE INFECTION/	13866
45 ((wound? or incision\$) adj5 (infect\$ or sepsis or septic\$ or dehiscen\$)).tw.	13468
46 ((surger\$ or surgical\$) adj5 (infect\$ or sepsis or septic\$ or dehiscen\$)).tw.	11296
47 (SSI or SSTI).tw.	1233
48 ((post operative\$ or postoperative\$ or post surgical\$ or postsurgical\$) adj3 (infect\$ or sepsis or septic\$)).tw.	6335
49 BACTERIAL INFECTION/pc	5031
50 SKIN INFECTION/pc	312
51 or/41-50	51094
52 ANTI-INFECTIVE AGENTS/	31762
53 ANTIBIOTIC AGENT/	111751
54 (antimicrob\$ or anti microb\$ or antibiotic\$ or anti biotic\$).tw.	160785
55 ((anti-infective\$ or antiinfective\$ or antibacteria\$ or anti-bacteria\$) adj (agent\$ or drug\$)).tw.	4682
56 microbicid\$.tw.	2371
57 (bactericide? or bacteriocidal agent?).tw.	22
58 exp QUINOLINE DERIVED ANTIINFECTIVE AGENT/	72082
59 exp SULFONAMIDE/	67200
60 exp AMINOGLYCOSIDE ANTIBIOTIC AGENT/	118421
61 exp BETA LACTAM ANTIBIOTIC/	188338
62 exp ANTHRACYCLINE ANTIBIOTIC AGENT/	99926
63 CHLORAMPHENICOL DERIVATIVE/	435
64 exp MACROLIDE/	75484
65 exp POLYENE ANTIBIOTIC AGENT/	2070
66 exp POLYPEPTIDE ANTIBIOTIC AGENT/	63124
67 exp TETRACYCLINE DERIVATIVE/	64530
68 exp QUINOLONE DERIVATIVE/	59796
69 exp NITROIMIDAZOLE DERIVATIVE/	76219

## Surgical site infection

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# Search history	Results
70 (gentamicin? or cefuroxime? or metronidazole? or ciprofloxacin?).tw.	32879
71 TOPICAL ANTIINFECTIVE AGENT/	173
72 CHLORHEXIDINE/	4887
73 POVIDONE IODINE/	4687
74 DISINFECTION/	8372
75 SKIN DECONTAMINATION/	683
76 ANTISEPSIS/	958
77 (antiseptic? or antiseptis).tw.	2861
78 or/52-77	627588
79 TOPICAL DRUG ADMINISTRATION/	49333
80 tp.fs.	38650
81 skin.tw.	218175
82 topical\$.tw,hw.	83591
83 local\$.tw.	489722
84 cutaneous\$.tw.	67499
85 dermis.tw.	11410
86 dermal\$.tw.	22321
87 or/79-86	812790
88 ((before or prior to or previous to or preced\$) adj3 (clos\$ or stitch\$ or stapl\$)).tw.	1883
89 (pre closure or preclosure).tw.	53
90 intraoperative\$.tw,hw.	49742
91 or/88-90	51499
92 and/51,78	21625
93 and/87,91	8348
94 and/92-93	195
95 and/40,94	55
96 limit 95 to (human and english language)	50

## CINAHL - Cumulative Index to Nursing & Allied Health Literature 1982 to December Week 1 2007

# Search history	Results
1 exp CLINICAL TRIALS/	50105
2 clinical trial.pt.	24633
3 (clinic\$ adj5 trial\$).tw,sh.	12795
4 SINGLE-BLIND STUDIES/	2554
5 DOUBLE-BLIND STUDIES/	9444
6 TRIPLE-BLIND STUDIES/	37
7 ((single or double or triple or treble) adj5 (blind\$ or mask\$)).tw,sh.	6949
8 RANDOM ASSIGNMENT/	16979
9 random\$.tw.	46842
10 RANDOMIZED CONTROLLED TRIALS/	38347
11 randomi?ed control\$ trial\$.tw.	10291
12 PLACEBOS/	3902
13 placebo\$.tw.	9720

# Search history	Results
14 or/1-13	83913
15 META ANALYSIS/	5947
16 ((meta adj analy\$) or metaanalys\$ or meta-analy\$).tw.	4215
17 SYSTEMATIC REVIEW/	3456
18 systematic review.pt.	10264
19 (systematic\$ adj5 (review\$ or overview\$)).tw.	8021
20 LITERATURE REVIEW/	2503
21 or/15-20	19334
22 ("review" or "review studies" or "review academic" or "review tutorial").ti,ab,sh,pt.	100805
23 (medline or medlars or embase or cochrane or scisearch or psycinfo or psychinfo or psychlit or psyclit or "web of science" or "science citation").tw.	8521
24 ((hand or manual\$) adj2 search\$).tw.	960
25 (electronic database\$ or bibliographic database\$ or computerized database\$ or online database\$).tw.	1557
26 (pooling or pooled or mantel haenszel).tw.	2264
27 (peto or dersimonian or "der simonian" or fixed effect).tw.	393
28 or/23-27	11039
29 and/22,28	6430
30 or/21,29	21021
31 letter.pt.	49691
32 commentary.pt.	70142
33 editorial.pt.	79891
34 or/31-33	163544
35 14 not 34	74342
36 30 not 34	18172
37 or/35-36	84979
38 SURGICAL WOUND INFECTION/	2018
39 SURGICAL WOUND DEHISCENCE/	217
40 (SSI or SSTI).tw.	455
41 ((wound? or incision\$) adj3 (infect\$ or sepsis or septic\$ or dehiscen\$)).tw.	1333
42 ((surger\$ or surgical\$) adj3 (infect\$ or sepsis or septic\$ or dehiscen\$)).tw.	1024
43 ((post operative\$ or post surgical\$) adj3 (infect\$ or sepsis or septic\$)).tw.	59
44 WOUND INFECTION/	1395
45 INFECTION CONTROL/	10095
46 BACTERIAL INFECTION/pc	363
47 or/38-46	14522
48 ANTI-INFECTIVE AGENTS/	810
49 (antimicrob\$ or anti microb\$ or antibiotic\$ or anti biotic\$).tw.	9145
50 ((anti-infective\$ or antiinfective\$ or antibacteria\$ or anti-bacteria\$) adj (agent\$ or drug\$)).tw.	176
51 microbicide?.tw.	138
52 (bacteriocide? or bacteriocidal agent?).tw.	2
53 ANTIBIOTICS/	7414
54 AMINOGLYCOSIDES/	246

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# Search history	Results
55 ANTIBIOTICS, COMBINED/	200
56 exp ANTIBIOTICS, LACTAM/	1846
57 exp ANTIBIOTICS, MACROLIDE/	806
58 ANTIBIOTICS, PEPTIDE/	28
59 BACITRACIN/	33
60 CHLORAMPHENICOL/	51
61 exp ERYTHROMYCIN/	718
62 MUPIROCIN/	132
63 exp POLYMYXINS/	67
64 exp TETRACYCLINES/	586
65 VANCOMYCIN/	460
66 exp ANTIINFECTIVE AGENTS, FLUOROQUINOLONE/	940
67 ANTIINFECTIVE AGENTS, QUINOLONE/	184
68 exp SULFONAMIDES/	791
69 exp PENICILLINS/	1028
70 (gentamicin? or cefuroxime? or metronidazole? or ciprofloxacin?).tw.	976
71 ANTI-INFECTIVE AGENTS, LOCAL/	1201
72 POVIDONE-IODINE/	220
73 CHLORHEXIDINE/	616
74 DISINFECTION/	2995
75 DETERGENTS/	102
76 (antiseptic? or antisepsis).tw.	497
77 or/48-76	21991
78 skin.tw.	11907
79 ADMINISTRATION, TOPICAL/	1749
80 topical\$.tw.	2854
81 local\$.tw.	18873
82 dermis.tw.	183
83 dermal\$.tw.	578
84 or/78-83	33359
85 ((before or prior to or previous to or preced\$) adj3 (clos\$ or stitch\$ or stapl\$)).tw.	117
86 (pre closure or preclosure).tw.	2
87 intraoperative\$.tw,hw.	4261
88 or/85-87	4373
89 and/47,77	3099
90 and/84,88	338
91 and/89-90	10
92 and/37,91	2

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**SSI\_intraop\_skin\_antiseptics\_economics\_020108**
**Ovid MEDLINE(R) 1950 to November Week 2 2007**

#	Search history	Results
1	ECONOMICS/	25237
2	"COSTS AND COST ANALYSIS"/	36345
3	COST ALLOCATION/	1830
4	COST-BENEFIT ANALYSIS/	41737
5	COST CONTROL/	17535
6	COST SAVINGS/	5855
7	COST OF ILLNESS/	9873
8	COST SHARING/	1330
9	HEALTH CARE COSTS/	16042
10	DIRECT SERVICE COSTS/	828
11	DRUG COSTS/	8371
12	EMPLOYER HEALTH COSTS/	982
13	HOSPITAL COSTS/	5400
14	HEALTH RESOURCES/	6072
15	"HEALTH SERVICES NEEDS AND DEMAND"/	27706
16	HEALTH PRIORITIES/	6508
17	HEALTH EXPENDITURES/	9771
18	CAPITAL EXPENDITURES/	1809
19	FINANCIAL MANAGEMENT/	14258
20	FINANCIAL MANAGEMENT, HOSPITAL/	6768
21	QUALITY-ADJUSTED LIFE YEARS/	3162
22	"DEDUCTIBLES AND COINSURANCE"/	1148
23	MEDICAL SAVINGS ACCOUNTS/	375
24	ECONOMICS, HOSPITAL/	8341
25	ECONOMICS, MEDICAL/	6943
26	ECONOMICS, NURSING/	3758
27	ECONOMICS, PHARMACEUTICAL/	1874
28	MODELS, ECONOMIC/	2944
29	MODELS, ECONOMETRIC/	2591
30	RESOURCE ALLOCATION/	5833
31	HEALTH CARE RATIONING/	8793
32	"FEES AND CHARGES"/	7275
33	BUDGETS/	8005
34	VALUE OF LIFE/	4930
35	(financ\$ or fiscal\$ or funding).tw.	51581
36	(QALY\$ or life?year\$).tw.	1855
37	(econom\$ or cost\$).tw.	268277
38	pharmacoeconomic\$.tw.	1819
39	ec.fs.	235528
40	or/1-39	541795

## Surgical site infection

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#	Search history	Results
41	SURGICAL WOUND INFECTION/	22182
42	SURGICAL WOUND DEHISCENCE/	4700
43	(SSI or SSTI).tw.	1596
44	WOUND INFECTION/	7641
45	INFECTION CONTROL/	13331
46	((wound? or incision\$) adj3 (infect\$ or sepsis or septic\$ or dehiscen\$)).tw.	15592
47	((surger\$ or surgical\$) adj3 (infect\$ or sepsis or septic\$ or dehiscen\$)).tw.	9023
48	POSTOPERATIVE COMPLICATIONS/	228450
49	BACTERIAL INFECTION/pc	6664
50	or/41-49	283097
51	ANTI-INFECTIVE AGENTS, LOCAL/	9077
52	POVIDONE-IODINE/	1817
53	CHLORHEXIDINE/	4303
54	DISINFECTION/	7038
55	DETERGENTS/	14041
56	ANTIBACTERIAL AGENTS/	170156
57	(antimicrob\$ or anti microb\$ or antibiotic\$ or anti biotic\$).tw.	195578
58	((anti-infective\$ or antiinfective\$ or antibacteria\$ or anti-bacteria\$) adj (agent\$ or drug\$)).tw.	5135
59	microbicide?.tw.	809
60	(bacteriocide? or bacteriocidal agent?).tw.	39
61	exp CARBAPENEMS/	4488
62	exp CEPHALOSPORINS/	32015
63	exp CEPHAMYCINS/	2997
64	exp MONOBACTAMS/	1293
65	exp PENICILLINS/	60951
66	THIENAMYCINS/	2093
67	exp MACROLIDES/	71976
68	exp FLUOROQUINOLONES/	18345
69	exp SULFONAMIDES/	76423
70	exp TETRACYCLINES/	33836
71	exp AMINOGLYCOSIDES/	104898
72	CLINDAMYCIN/	4064
73	exp NITROIMIDAZOLES/	12658
74	(gentamicin? or cefuroxime? or metronidazole? or ciprofloxacin?).tw.	36066
75	or/52-74	586857
76	skin.tw.	265367
77	topical\$.tw.	50380
78	local\$.tw.	599057
79	ADMINISTRATION, CUTANEOUS/	10017
80	dermis.tw.	11696
81	dermal\$.tw.	24238
82	or/76-81	894444

# Search history	Results
83 ((before or prior to or previous to or preced\$) adj3 (clos\$ or stitch\$ or stapl\$)).tw.	2242
84 (pre closure or preclosure).tw.	50
85 intraoperative\$.tw,hw.	81813
86 or/83-85	83879
87 and/75,82	42335
88 or/51,87	50120
89 and/50,88	4950
90 and/86,89	259
91 and/40,90	14

### EMBASE 1980 to 2007 Week 52

# Search history	Results
1 ECONOMICS/	5471
2 HEALTH ECONOMICS/	9731
3 ECONOMIC EVALUATION/	3946
4 COST BENEFIT ANALYSIS/	27680
5 COST CONTROL/	15970
6 COST EFFECTIVENESS ANALYSIS/	52215
7 COST MINIMIZATION ANALYSIS/	1271
8 COST OF ILLNESS/	4289
9 COST UTILITY ANALYSIS/	2126
10 COST/	19668
11 HEALTH CARE COST/	56522
12 DRUG COST/	31924
13 HEALTH CARE FINANCING/	8918
14 HOSPITAL COST/	6034
15 SOCIOECONOMICS/	28644
16 ECONOMIC ASPECT/	68833
17 QUALITY-ADJUSTED LIFE YEARS/	3400
18 FINANCIAL MANAGEMENT/	21786
19 PHARMACOECONOMICS/	903
20 RESOURCE ALLOCATION/	7029
21 (financ\$ or fiscal\$ or funding).tw.	36731
22 (QALY\$ or life?year\$).tw.	1829
23 (econom\$ or cost\$).tw.	219585
24 pharmaco-economic\$.tw.	2487
25 or/1-24	392813
26 SURGICAL INFECTION/	3810
27 WOUND DEHISCENCE/	3172
28 WOUND INFECTION/	13987
29 POSTOPERATIVE INFECTION/	13866
30 ((wound? or incision\$) adj5 (infect\$ or sepsis or septic\$ or dehiscen\$)).tw.	13468
31 ((surger\$ or surgical\$) adj5 (infect\$ or sepsis or septic\$ or dehiscen\$)).tw.	11296

## Surgical site infection

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#	Search history	Results
32	(SSI or SSTI).tw.	1233
33	((post operative\$ or postoperative\$ or post surgical\$ or postsurgical\$) adj3 (infect\$ or sepsis or septic\$)).tw.	6335
34	BACTERIAL INFECTION/pc	5031
35	SKIN INFECTION/pc	312
36	or/26-35	51094
37	ANTI-INFECTIVE AGENTS/	31762
38	ANTIBIOTIC AGENT/	111751
39	(antimicrob\$ or anti microb\$ or antibiotic\$ or anti biotic\$).tw.	160785
40	((anti-infective\$ or antiinfective\$ or antibacteria\$ or anti-bacteria\$) adj (agent\$ or drug\$)).tw.	4682
41	microbicid\$.tw.	2371
42	(bacteriocide? or bacteriocidal agent?).tw.	22
43	exp QUINOLINE DERIVED ANTIINFECTIVE AGENT/	72082
44	exp SULFONAMIDE/	67200
45	exp AMINOGLYCOSIDE ANTIBIOTIC AGENT/	118421
46	exp BETA LACTAM ANTIBIOTIC/	188338
47	exp ANTHRACYCLINE ANTIBIOTIC AGENT/	99926
48	CHLORAMPHENICOL DERIVATIVE/	435
49	exp MACROLIDE/	75484
50	exp POLYENE ANTIBIOTIC AGENT/	2070
51	exp POLYPEPTIDE ANTIBIOTIC AGENT/	63124
52	exp TETRACYCLINE DERIVATIVE/	64530
53	exp QUINOLONE DERIVATIVE/	59796
54	exp NITROIMIDAZOLE DERIVATIVE/	76219
55	(gentamicin? or cefuroxime? or metronidazole? or ciprofloxacin?).tw.	32879
56	TOPICAL ANTIINFECTIVE AGENT/	173
57	CHLORHEXIDINE/	4887
58	POVIDONE IODINE/	4687
59	DISINFECTION/	8372
60	SKIN DECONTAMINATION/	683
61	ANTISEPSIS/	958
62	(antiseptic? or antiseptis).tw.	2861
63	or/37-62	627588
64	TOPICAL DRUG ADMINISTRATION/	49333
65	tp.fs.	38650
66	skin.tw.	218175
67	topical\$.tw,hw.	83591
68	local\$.tw.	489722
69	cutaneous\$.tw.	67499
70	dermis.tw.	11410
71	dermal\$.tw.	22321
72	or/64-71	812790
73	((before or prior to or previous to or preced\$) adj3 (clos\$ or stitch\$ or stapl\$)).tw.	1883

# Search history	Results
74 (pre closure or preclosure).tw.	53
75 intraoperative\$.tw,hw.	49742
76 or/73-75	51499
77 and/36,63	21625
78 and/72,76	8348
79 and/77-78	195
80 and/25,79	14

**DARE/EED**

Search	Matching records
# 1 MESH SURGICAL WOUND INFECTION	165
# 2 MESH SURGICAL WOUND DEHISCENCE	18
# 3 MESH WOUND INFECTION	29
# 4 MESH INFECTION CONTROL	195
# 5 MESH POSTOPERATIVE COMPLICATIONS	849
# 6 SSI OR SSTI	11
# 7 #1 or #2 or #3 or #4 or #5 or #6	1204
# 8 MESH ANTI-INFECTIVE AGENTS, LOCAL	0
# 9 MESH POVIDONE-IODINE	1
# 10 MESH CHLORHEXIDINE	29
# 11 MESH DISINFECTION	19
# 12 MESH DETERGENTS	7
# 13 MESH CEPHALOSPORINS	77
# 14 MESH CEPHAMYCINS	1
# 15 MESH MONOBACTAMS	1
# 16 MESH PENICILLINS	65
# 17 MESH MACROLIDES	15
# 18 MESH FLUOROQUINOLONES	20
# 19 MESH CLINDAMYCIN	20
# 20 MESH SULFONAMIDES	74
# 21 MESH TETRACYCLINES	5
# 22 MESH AMINOGLYCOSIDES	20
# 23 MESH NITROIMIDAZOLES	8
# 24 gentamicin OR cefuroxime OR metronidazole OR ciprofloxacin	297
# 25 antibiotic* OR antiseptic* OR antisepsis OR anti-infective	1837
# 26 microbicid* OR bacteriocid*	3
# 27 MESH ANTI-INFECTIVE AGENTS	1

## Surgical site infection

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Search	Matching records
# 28 #9 or #10 or #11 or #12 or #13 or #14 or #15 or #16 or #17 or #18 or #19 or #20 or #21 or #22 or #23 or #24 or #25 or #26 or #27	2066
# 29 MESH ADMINISTRATION, TOPICAL	108
# 30 skin OR topical* OR local* OR dermis* OR dermal*	3307
# 31 #29 or #30	3307
# 32 intraoperativ* OR intra-operativ*	472
# 33 MESH INTRAOPERATIVE PERIOD	37
# 34 MESH INTRAOPERATIVE CARE	49
# 35 #32 or #33 or #34	472
# 36 #7 and #28	184
# 37 #31 and #35	89
# 38 #36 and #37	0

## SSI\_wound\_cleansing\_080108

### Ovid MEDLINE(R) 1950 to December Week 4 2007

# Search history	Results
1 SURGICAL WOUND INFECTION/	21961
2 SURGICAL WOUND DEHISCENCE/	4682
3 (SSI or SSTI).tw.	1632
4 WOUND INFECTION/	7563
5 INFECTION CONTROL/	13313
6 ((wound? or incision\$) adj3 (infect\$ or sepsis or septic\$ or dehiscen\$)).tw.	15465
7 ((surger\$ or surgical\$) adj3 (infect\$ or sepsis or septic\$ or dehiscen\$)).tw.	8966
8 POSTOPERATIVE COMPLICATIONS/	226216
9 BACTERIAL INFECTION/pc	6576
10 or/1-9	280515
11 ANTI-INFECTIVE AGENTS, LOCAL/	8981
12 POVIDONE-IODINE/	1795
13 CHLORHEXIDINE/	4282
14 DISINFECTION/	6996
15 DETERGENTS/	13493
16 IODINE/	15073
17 IODINE COMPOUNDS/	257
18 betadine.tw.	308
19 SODIUM CHLORIDE/	40507
20 saline.tw,hw.	95373
21 WATER/	69332
22 (water or H2O).tw.	287894
23 HYDROGEN PEROXIDE/	27924

#	Search history	Results
24	hydrogen peroxide.tw.	22635
25	SODIUM HYPOCHLORITE/	2256
26	eusol.tw.	44
27	shurclens?.tw.	1
28	(pluronic f 68 or pluronic f68).tw.	309
29	DISINFECTANTS/	6718
30	SOLUTIONS/	34105
31	HYPERTONIC SOLUTIONS/	5151
32	HYPOTONIC SOLUTIONS/	2610
33	ISOTONIC SOLUTIONS/	5948
34	(alcohol or spirit?).tw.	116034
35	exp ALCOHOLS/	454082
36	procaine spirit?.tw.	2
37	BATHS/	3430
38	STEAM BATH/	488
39	HYDROTHERAPY/	1728
40	IRRIGATION/	12893
41	(shower\$ or bath\$).tw.	29668
42	(soak\$ or irrigat\$ or hydrotherap\$ or hydro therap\$).tw.	17087
43	jacuzzi.tw.	19
44	(whirlpool? or whirl pool or hot tub).tw.	373
45	exp PRESSURES/	73902
46	pressur\$.tw.	427741
47	or/11-46	1447731
48	(wound? adj3 clean\$).tw.	753
49	(wound? adj3 irrigat\$).tw.	391
50	or/48-49	1111
51	and/10,47	23168
52	and/50-51	339
53	limit 52 to (english language and humans)	247

**EMBASE 1980 to 2008 Week 01**

#	Search history	Results
1	SURGICAL INFECTION/	3816
2	WOUND DEHISCENCE/	3175
3	WOUND INFECTION/	14001
4	POSTOPERATIVE INFECTION/	13891
5	((wound? or incision\$) adj5 (infect\$ or sepsis or septic\$ or dehiscen\$)).tw.	13482
6	((surger\$ or surgical\$) adj5 (infect\$ or sepsis or septic\$ or dehiscen\$)).tw.	11308
7	(SSI or SSTI).tw.	1234
8	((post operative\$ or postoperative\$ or post surgical\$ or postsurgical\$) adj3 (infect\$ or sepsis or septic\$)).tw.	6342
9	BACTERIAL INFECTION/pc	5037

## Surgical site infection

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# Search history	Results
10 SKIN INFECTION/pc	313
11 or/1-10	51159
12 TOPICAL ANTIINFECTIVE AGENT/	173
13 CHLORHEXIDINE/	4892
14 POVIDONE IODINE/	4693
15 DISINFECTION/	8378
16 IODINE/	7966
17 betadine.tw.	1116
18 SODIUM CHLORIDE/	51974
19 HYPOCHLORITE SODIUM/	1455
20 saline.tw,hw.	84254
21 exp WATER/	108914
22 (water or H2O).tw.	277742
23 HYDROGEN PEROXIDE/	27437
24 hydrogen peroxide.tw.	20888
25 eusol.tw.	53
26 shurclens?.tw.	1
27 (pluronic f 68 or pluronic f68).tw.	476
28 DISINFECTANT AGENT/	3284
29 PHOSPHATE BUFFERED SALINE/	1202
30 HYPERTONIC SOLUTION/	1783
31 ISOTONIC SOLUTION/	909
32 HYPOTONIC SOLUTION/	784
33 BALANCED SALT SOLUTION/	723
34 (alcohol or spirit?).tw.	103655
35 ALCOHOL/	88211
36 procaine spirit?.tw.	1
37 BATH/	1943
38 SPA TREATMENT/	729
39 THALASSOTHERAPY/	79
40 HYDROTHERAPY/	1121
41 WOUND IRRIGATION/	595
42 (shower\$ or bath\$).tw.	25242
43 (soak\$ or irrigat\$ or hydrotherap\$ hydro therap\$).tw.	13858
44 jacuzzi.tw.	10
45 (whirlpool? or whirl pool or hot tub).tw.	314
46 PRESSURE/	13666
47 pressur\$.tw.	370994
48 (iodine or chlorhexidine).tw.	20405
49 or/12-48	968617
50 (wound? adj3 clean\$).tw.	524
51 (wound? adj3 irrigat\$).tw.	282
52 or/50-51	782

# Search history	Results
53 and/11,49	4764
54 and/52-53	220
55 limit 54 to (human and english language)	148

### CINAHL - Cumulative Index to Nursing & Allied Health Literature 1982 to December Week 1 2007

# Search history	Results
1 SURGICAL WOUND INFECTION/	2018
2 SURGICAL WOUND DEHISCENCE/	217
3 (SSI or SSTI).tw.	455
4 ((wound? or incision\$) adj3 (infect\$ or sepsis or septic\$ or dehiscen\$)).tw.	1333
5 ((surger\$ or surgical\$) adj3 (infect\$ or sepsis or septic\$ or dehiscen\$)).tw.	1024
6 ((post operative\$ or post surgical\$) adj3 (infect\$ or sepsis or septic\$)).tw.	59
7 WOUND INFECTION/	1395
8 INFECTION CONTROL/	10095
9 BACTERIAL INFECTION/pc	363
10 or/1-9	14522
11 ANTI-INFECTIVE AGENTS, LOCAL/	1201
12 POVIDONE-IODINE/	220
13 CHLORHEXIDINE/	616
14 DISINFECTION/	2995
15 DETERGENTS/	102
16 IODINE/	348
17 IODINE COMPOUNDS/	68
18 betadine.tw.	33
19 SODIUM CHLORIDE/	402
20 saline.tw,hw.	2291
21 WATER/	1485
22 (water or H2O).tw.	6765
23 HYDROGEN PEROXIDE/	239
24 hydrogen peroxide.tw.	252
25 SODIUM HYPOCHLORITE/	154
26 eusol.tw.	10
27 shurclens?.tw.	1
28 (pluronic f 68 or pluronic f68).tw.	1
29 DISINFECTANTS/	681
30 exp SOLUTIONS/	2724
31 (alcohol or spirit?).tw.	14318
32 exp ALCOHOLS/	3173
33 procaine spirit?.tw.	2
34 BATHS/	922
35 HYDROTHERAPY/	585
36 IRRIGATION/	1091
37 (shower\$ or bath\$).tw.	1744

## Surgical site infection

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#	Search history	Results
38	(soak\$ or irrigat\$ or hydrotherap\$ hydro therap\$).tw.	698
39	jacuzzi.tw.	2
40	(whirlpool? or whirl pool or hot tub).tw.	85
41	PRESSURE/	1682
42	pressur\$.tw.	26420
43	or/11-42	60432
44	(wound? adj3 clean\$).tw.	226
45	(wound? adj3 irrigat\$).tw.	73
46	or/44-45	286
47	and/10,43	2136
48	and/46-47	67
49	limit 48 to english	65

## SSI\_wound\_cleansing\_economics\_090108

### Ovid MEDLINE(R) 1950 to December Week 4 2007

#	Search history	Results
1	ECONOMICS/	24883
2	"COSTS AND COST ANALYSIS"/	35773
3	COST ALLOCATION/	1822
4	COST-BENEFIT ANALYSIS/	41472
5	COST CONTROL/	17387
6	COST SAVINGS/	5839
7	COST OF ILLNESS/	9875
8	COST SHARING/	1330
9	HEALTH CARE COSTS/	15947
10	DIRECT SERVICE COSTS/	821
11	DRUG COSTS/	8238
12	EMPLOYER HEALTH COSTS/	977
13	HOSPITAL COSTS/	5393
14	HEALTH RESOURCES/	6041
15	"HEALTH SERVICES NEEDS AND DEMAND"/	27755
16	HEALTH PRIORITIES/	6452
17	HEALTH EXPENDITURES/	9700
18	CAPITAL EXPENDITURES/	1806
19	FINANCIAL MANAGEMENT/	14196
20	FINANCIAL MANAGEMENT, HOSPITAL/	6789
21	QUALITY-ADJUSTED LIFE YEARS/	3181
22	"DEDUCTIBLES AND COINSURANCE"/	1146
23	MEDICAL SAVINGS ACCOUNTS/	371
24	ECONOMICS, HOSPITAL/	8271
25	ECONOMICS, MEDICAL/	6753

#	Search history	Results
26	ECONOMICS, NURSING/	3753
27	ECONOMICS, PHARMACEUTICAL/	1844
28	MODELS, ECONOMIC/	2953
29	MODELS, ECONOMETRIC/	2618
30	RESOURCE ALLOCATION/	5737
31	HEALTH CARE RATIONING/	8665
32	"FEES AND CHARGES"/	7167
33	BUDGETS/	7470
34	VALUE OF LIFE/	4881
35	(financ\$ or fiscal\$ or funding).tw.	51262
36	(QALY\$ or life?year\$).tw.	1880
37	(econom\$ or cost\$).tw.	266295
38	pharmacoeconomic\$.tw.	1814
39	ec.fs.	232773
40	or/1-39	536375
41	SURGICAL WOUND INFECTION/	21961
42	SURGICAL WOUND DEHISCENCE/	4682
43	(SSI or SSTI).tw.	1632
44	WOUND INFECTION/	7563
45	INFECTION CONTROL/	13313
46	((wound? or incision\$) adj3 (infect\$ or sepsis or septic\$ or dehiscen\$)).tw.	15465
47	((surger\$ or surgical\$) adj3 (infect\$ or sepsis or septic\$ or dehiscen\$)).tw.	8966
48	POSTOPERATIVE COMPLICATIONS/	226216
49	BACTERIAL INFECTION/pc	6576
50	or/41-49	280515
51	ANTI-INFECTIVE AGENTS, LOCAL/	8981
52	POVIDONE-IODINE/	1795
53	CHLORHEXIDINE/	4282
54	DISINFECTION/	6996
55	DETERGENTS/	13493
56	IODINE/	15073
57	IODINE COMPOUNDS/	257
58	betadine.tw.	308
59	SODIUM CHLORIDE/	40507
60	saline.tw,hw.	95373
61	WATER/	69332
62	(water or H2O).tw.	287894
63	HYDROGEN PEROXIDE/	27924
64	hydrogen peroxide.tw.	22635
65	SODIUM HYPOCHLORITE/	2256
66	eusol.tw.	44
67	shurclens?.tw.	1
68	(pluronic f 68 or pluronic f68).tw.	309

## Surgical site infection

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#	Search history	Results
69	DISINFECTANTS/	6718
70	SOLUTIONS/	34105
71	HYPERTONIC SOLUTIONS/	5151
72	HYPOTONIC SOLUTIONS/	2610
73	ISOTONIC SOLUTIONS/	5948
74	(alcohol or spirit?).tw.	116034
75	exp ALCOHOLS/	454082
76	procaine spirit?.tw.	2
77	BATHS/	3430
78	STEAM BATH/	488
79	HYDROTHERAPY/	1728
80	IRRIGATION/	12893
81	(shower\$ or bath\$).tw.	29668
82	(soak\$ or irrigat\$ or hydrotherap\$ hydro therap\$).tw.	17087
83	jacuzzi.tw.	19
84	(whirlpool? or whirl pool or hot tub).tw.	373
85	exp PRESSURES/	73902
86	pressur\$.tw.	427741
87	or/51-86	1447731
88	(wound? adj3 clean\$).tw.	753
89	(wound? adj3 irrigat\$).tw.	391
90	or/88-89	1111
91	and/50,87	23168
92	and/90-91	339
93	and/40,92	26
94	limit 93 to english language	25

## EMBASE 1980 to 2008 Week 01

#	Search history	Results
1	ECONOMICS/	5482
2	HEALTH ECONOMICS/	9743
3	ECONOMIC EVALUATION/	3952
4	COST BENEFIT ANALYSIS/	27703
5	COST CONTROL/	15986
6	COST EFFECTIVENESS ANALYSIS/	52288
7	COST MINIMIZATION ANALYSIS/	1272
8	COST OF ILLNESS/	4293
9	COST UTILITY ANALYSIS/	2128
10	COST/	19678
11	HEALTH CARE COST/	56604
12	DRUG COST/	31988
13	HEALTH CARE FINANCING/	8925
14	HOSPITAL COST/	6045

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# Search history	Results
15 SOCIOECONOMICS/	28699
16 ECONOMIC ASPECT/	68874
17 QUALITY-ADJUSTED LIFE YEARS/	3403
18 FINANCIAL MANAGEMENT/	21813
19 PHARMACOECONOMICS/	903
20 RESOURCE ALLOCATION/	7035
21 (financ\$ or fiscal\$ or funding).tw.	36764
22 (QALY\$ or life?year\$).tw.	1835
23 (econom\$ or cost\$).tw.	219849
24 pharmaco-economic\$.tw.	2487
25 or/1-24	393292
26 SURGICAL INFECTION/	3816
27 WOUND DEHISCENCE/	3175
28 WOUND INFECTION/	14001
29 POSTOPERATIVE INFECTION/	13891
30 ((wound? or incision\$) adj5 (infect\$ or sepsis or septic\$ or dehiscen\$)).tw.	13482
31 ((surger\$ or surgical\$) adj5 (infect\$ or sepsis or septic\$ or dehiscen\$)).tw.	11308
32 (SSI or SSTI).tw.	1234
33 ((post operative\$ or postoperative\$ or post surgical\$ or postsurgical\$) adj3 (infect\$ or sepsis or septic\$)).tw.	6342
34 BACTERIAL INFECTION/pc	5037
35 SKIN INFECTION/pc	313
36 or/26-35	51159
37 TOPICAL ANTIINFECTIVE AGENT/	173
38 CHLORHEXIDINE/	4892
39 POVIDONE IODINE/	4693
40 DISINFECTION/	8378
41 IODINE/	7966
42 betadine.tw.	1116
43 SODIUM CHLORIDE/	51974
44 HYPOCHLORITE SODIUM/	1455
45 saline.tw,hw.	84254
46 exp WATER/	108914
47 (water or H2O).tw.	277742
48 HYDROGEN PEROXIDE/	27437
49 hydrogen peroxide.tw.	20888
50 eusol.tw.	53
51 shurclens?.tw.	1
52 (pluronic f 68 or pluronic f68).tw.	476
53 DISINFECTANT AGENT/	3284
54 PHOSPHATE BUFFERED SALINE/	1202
55 HYPERTONIC SOLUTION/	1783
56 ISOTONIC SOLUTION/	909

## Surgical site infection

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# Search history	Results
57 HYPOTONIC SOLUTION/	784
58 BALANCED SALT SOLUTION/	723
59 (alcohol or spirit?).tw.	103655
60 ALCOHOL/	88211
61 procaine spirit?.tw.	1
62 BATH/	1943
63 SPA TREATMENT/	729
64 THALASSOTHERAPY/	79
65 HYDROTHERAPY/	1121
66 WOUND IRRIGATION/	595
67 (shower\$ or bath\$).tw.	25242
68 (soak\$ or irrigat\$ or hydrotherap\$ hydro therap\$).tw.	13858
69 jacuzzi.tw.	10
70 (whirlpool? or whirl pool or hot tub).tw.	314
71 PRESSURE/	13666
72 pressur\$.tw.	370994
73 (iodine or chlorhexidine).tw.	20405
74 or/37-73	968617
75 (wound? adj3 clean\$).tw.	524
76 (wound? adj3 irrigat\$).tw.	282
77 or/75-76	782
78 and/36,74	4764
79 and/77-78	220
80 and/25,79	24
81 limit 80 to english language	23

## DARE/EED

Search	Matching records
# 1 MESH SURGICAL WOUND INFECTION	165
# 2 MESH SURGICAL WOUND DEHISCENCE	18
# 3 MESH WOUND INFECTION	29
# 4 MESH INFECTION CONTROL	198
# 5 MESH POSTOPERATIVE COMPLICATIONS	856
# 6 SSI OR SSTI	11
# 7 #1 or #2 or #3 or #4 or #5 or #6	1214
# 8 MESH ANTI-INFECTIVE AGENTS, LOCAL	0
# 9 MESH POVIDONE-IODINE	1
# 10 MESH CHLORHEXIDINE	30
# 11 MESH IODINE	4
# 12 MESH IODINE COMPOUNDS	4

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Search	Matching records
# 13 MESH SODIUM CHLORIDE	24
# 14 MESH WATER	15
# 15 MESH HYDROGEN PEROXIDE	3
# 16 MESH SODIUM HYPOCHLORITE	5
# 17 MESH DISINFECTANTS	15
# 18 MESH SOLUTIONS	13
# 19 MESH HYPERTONIC SOLUTIONS	2
# 20 MESH HYPOTONIC SOLUTIONS	0
# 21 MESH ISOTONIC SOLUTIONS	7
# 22 MESH ALCOHOLS	3
# 23 MESH BATHS	13
# 24 MESH STEAM BATH	0
# 25 MESH HYDROTHERAPY	10
# 26 betadine	3
# 27 saline	238
# 28 water	226
# 29 eusol	3
# 30 shurclens	0
# 31 pluronic	0
# 32 shower*	8
# 33 bath*	113
# 34 irrigat*	63
# 35 hydrotherap*	19
# 36 whirlpool*	4
# 37 jacuzzi*	1
# 38 pressur* OR psi	1611
# 39 #8 or #9 or #10 or #11 or #12 or #13 or #14 or #15 or #16 or #17 or #18 or #19 or #20 or #21 or #22 or #23 or #24 or #25 or #26 or #27 or #28 or #29 or #30 or #31 or #32 or #33 or #34 or #35 or #36 or #37 or #38	2213
# 40 clean* OR irrigat*	228
# 41 #7 and #39	67
# 42 #40 and #41	15

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**SSI\_debridement\_170108****Ovid MEDLINE(R) 1950 to January Week 2 2008**

#	Search history	Results
1	randomized controlled trial.pt.	245965
2	controlled clinical trial.pt.	75981
3	DOUBLE BLIND METHOD/	94055
4	SINGLE BLIND METHOD/	11506
5	RANDOM ALLOCATION/	59351
6	RANDOMIZED CONTROLLED TRIALS/	51480
7	or/1-6	415145
8	((single or double or triple or treble) adj5 (blind\$ or mask\$)).tw,sh.	91523
9	clinical trial.pt.	439230
10	exp CLINICAL TRIALS/	0
11	(clinic\$ adj5 trial\$).tw,sh.	120477
12	PLACEBOS/	26486
13	placebo\$.tw,sh.	118602
14	random\$.tw,sh.	449329
15	or/8-14	814244
16	or/7,15	829620
17	META ANALYSIS/	65
18	meta analysis.pt.	16902
19	(metaanaly\$ or meta-analy\$ or (meta adj analy\$)).tw,sh.	24121
20	(systematic\$ adj5 (review\$ or overview\$)).tw,sh.	15277
21	(methodologic\$ adj5 (review\$ or overview\$)).tw,sh.	1774
22	or/17-21	41830
23	review\$.pt.	1329951
24	(medline or medlars or embase or cinahl or cochrane or psycinfo or psychinfo or psychlit or psyclit or "web of science" or "science citation" or scisearch).tw.	27342
25	((hand or manual\$) adj2 search\$).tw.	3070
26	(electronic database\$ or bibliographic database\$ or computerized database\$ or online database\$).tw,sh.	4613
27	(pooling or pooled or mantel haenszel).tw,sh.	27485
28	(peto or dersimonian or der simonian or fixed effect).tw,sh.	1214
29	or/24-28	56627
30	23 and 29	23152
31	CASE-CONTROL STUDIES/	92786
32	RETROSPECTIVE STUDIES/	282610
33	PROSPECTIVE STUDIES/	232535
34	COHORT STUDIES/	79884
35	(case\$ adj2 control\$).tw.	48581
36	(compar\$ adj3 stud\$).tw.	166058
37	or/31-36	792617
38	or/16,22,30,37	1510551

#	Search history	Results
39	letter.pt.	605142
40	comment.pt.	342228
41	editorial.pt.	211231
42	historical article.pt.	241757
43	or/39-42	1097635
44	38 not 43	1470511
45	SURGICAL WOUND INFECTION/	21984
46	SURGICAL WOUND DEHISCENCE/	4685
47	(SSI or SSTI).tw.	1635
48	WOUND INFECTION/	7571
49	INFECTION CONTROL/	13347
50	((wound? or incision\$) adj3 (infect\$ or sepsis or septic\$ or dehiscen\$)).tw.	15500
51	((surger\$ or surgical\$) adj3 (infect\$ or sepsis or septic\$ or dehiscen\$)).tw.	8982
52	BACTERIAL INFECTION/pc	6584
53	WOUND HEALING/	50303
54	or/45-53	110965
55	DEBRIDEMENT/	7731
56	debrid\$.tw.	10587
57	(negative pressure adj3 (wound or therap\$ or topical\$)).tw.	235
58	NEGATIVE-PRESSURE WOUND THERAPY/	11
59	(vacuum adj3 (wound or closure)).tw.	396
60	VAC.tw.	1318
61	LARVA/	30581
62	(larva? or maggot?).tw.	43075
63	(versajet or hydrosurgery).tw.	10
64	(water jet? or hydroscalpel?).tw.	251
65	HYDROGEL/	1413
66	hydrogel?.tw.	5376
67	(Intrasite gel or sterigel or granugel).tw.	24
68	COLLOIDS/	8956
69	(colloid? or hydrocolloid?).tw.	11762
70	wet to dry dressing?.tw.	29
71	ZINC OXIDE/	1440
72	zinc oxide.tw.	1271
73	((dextranomer or cadexomer) adj3 (bead? or paste?)).tw.	18
74	ALGINATES/	4335
75	debrisan.tw.	69
76	DEXTRANS/	17764
77	iodosorb.tw.	17
78	(transorbent or duoderm).tw.	103
79	"STREPTODORNASE AND STREPTOKINASE"/	1343
80	(streptokinase or streptodornase or collagenase or trypsin).tw.	58625
81	enzyme?.tw.	574621

## Surgical site infection

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#	Search history	Results
82	VACUUM/	2326
83	COLLAGENASES/	5185
84	TRYPsin/	36213
85	mezinc.tw.	4
86	varidase.tw.	166
87	(remov\$ adj3 (necrotic tissue? or gangren\$ or dead tissue?)).tw.	230
88	or/55-87	751300
89	(postoperative\$ or postsurg\$ or post surg\$ or post operative\$).tw.	259659
90	((after or following) adj3 (surger\$ or surgical\$)).tw.	140782
91	POSTOPERATIVE CARE/	43125
92	POSTOPERATIVE PERIOD/	25278
93	POSTOPERATIVE COMPLICATIONS/	226517
94	or/89-93	529679
95	and/54,88	6933
96	and/94-95	1624
97	and/44,96	525
98	ulcer?.ti.	46902
99	97 not 98	513
100	limit 99 to (english language and humans)	427

## EMBASE 1980 to 2008 Week 02

#	Search history	Results
1	CLINICAL TRIALS/	487252
2	(clinic\$ adj5 trial\$).ti,ab,sh.	114383
3	SINGLE BLIND PROCEDURE/	7279
4	DOUBLE BLIND PROCEDURE/	67759
5	RANDOM ALLOCATION/	24818
6	CROSSOVER PROCEDURE/	19820
7	PLACEBO/	108531
8	placebo\$.ti,ab,sh.	158062
9	random\$.ti,ab,sh.	395641
10	RANDOMIZED CONTROLLED TRIALS/	153006
11	((single or double or triple or treble) adj (blind\$ or mask\$)).ti,ab,sh.	88485
12	randomi?ed control\$ trial\$.tw.	28114
13	or/1-12	801356
14	META ANALYSIS/	32722
15	((meta adj analy\$) or metaanalys\$ or meta-analy\$).ti,ab,sh.	40584
16	(systematic\$ adj5 (review\$ or overview\$)).ti,sh,ab.	23016
17	(methodologic\$ adj5 (review\$ or overview\$)).ti,ab,sh.	1482
18	or/14-17	55123
19	review.pt.	850453
20	(medline or medlars or embase).ab.	19944
21	(scisearch or science citation index).ab.	577

#	Search history	Results
22	(psychlit or psyclit or psychinfo or psycinfo or cinahl or cochrane).ab.	6334
23	((hand or manual\$) adj2 search\$).tw.	2298
24	(electronic database\$ or bibliographic database\$ or computeri?ed database\$ or online database\$).tw.	3640
25	(pooling or pooled or mantel haenszel).tw.	22691
26	(peto or dersimonian or "der simonian" or fixed effect).tw.	699
27	or/20-26	46567
28	19 and 27	15626
29	or/18,28	64093
30	COMPARATIVE STUDY/	102820
31	(compar\$ adj5 stud\$).tw.	170071
32	CASE-CONTROL STUDY/	17282
33	RETROSPECTIVE STUDY/	85673
34	PROSPECTIVE STUDY/	71635
35	COHORT STUDY/	46361
36	(case\$ adj2 series).ti,ab.	15003
37	(case\$ adj2 control\$).ti,ab.	45112
38	or/30-37	479972
39	abstract report.tw,sh.	71202
40	note.tw,sh.	242219
41	short survey.tw,sh.	401177
42	letter.tw,sh.	391075
43	editorial.tw,sh.	244449
44	or/39-43	1339129
45	or/13,29,38	1201359
46	45 not 44	1107512
47	SURGICAL INFECTION/	3824
48	WOUND DEHISCENCE/	3183
49	WOUND INFECTION/	14022
50	POSTOPERATIVE INFECTION/	13914
51	((wound? or incision\$) adj5 (infect\$ or sepsis or septic\$ or dehiscen\$)).tw.	13497
52	((surger\$ or surgical\$) adj5 (infect\$ or sepsis or septic\$ or dehiscen\$)).tw.	11321
53	(SSI or SSTI).tw.	1234
54	((post operative\$ or postoperative\$ or post surgical\$ or postsurgical\$) adj3 (infect\$ or sepsis or septic\$)).tw.	6351
55	BACTERIAL INFECTION/pc	5046
56	SKIN INFECTION/pc	313
57	WOUND HEALING/	27128
58	or/47-57	76012
59	DEBRIDEMENT/	9806
60	debrid\$.tw.	8837
61	(negative pressure adj3 (wound or therap\$ or topical\$)).tw.	117
62	VACUUM ASSISTED CLOSURE/	388
63	(vacuum adj3 (wound or closure)).tw.	395

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#	Search history	Results
64	VAC.tw.	1277
65	MAGGOT/	57
66	MAGGOT THERAPY/	69
67	(larva? or maggot?).tw.	24356
68	(versajet or hydrosurgery).tw.	12
69	(water jet? or hydroscalpel?).tw.	207
70	HYDROGEL/	5782
71	HYDROGEL DRESSING/	35
72	hydrogel?.tw.	5923
73	(Intrasite gel or sterigel or granugel).tw.	17
74	COLLOID/	6846
75	(colloid? or hydrocolloid?).tw.	10530
76	wet to dry dressing?.tw.	25
77	ZINC OXIDE/	1810
78	zinc.tw.	45822
79	(dextranomer or cadexomer).tw.	227
80	ALGINIC ACID/	4617
81	debrisan.tw.	170
82	DEXTRAN/	9390
83	(transorbent or duoderm or iodisorb).tw.	228
84	STREPTODORNASE/	108
85	STREPTODORNASE PLUS STREPTOKINASE/	192
86	STREPTOKINASE/	12485
87	(streptokinase or streptodornase or collagenase or trypsin).tw.	42030
88	varidase.tw.	180
89	enzyme?.tw.	449197
90	COLLAGENASES/	7643
91	TRYPSIN/	12145
92	mezinc.tw.	11
93	(remov\$ adj3 (necrotic tissue? or gangren\$ or dead tissue?)).tw.	190
94	or/59-93	604863
95	postoperative\$.hw.	194390
96	(postoperative\$ or postsurg\$ or post surg\$ or post operative\$).tw.	214166
97	((after or following) adj3 (surger\$ or surgical\$)).tw.	118270
98	or/95-97	378525
99	and/58,94	6458
100	and/98-99	1901
101	ulcer?.ti.	22542
102	100 not 101	1868
103	and/46,102	423
104	limit 103 to (human and english language)	368

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**CINAHL - Cumulative Index to Nursing & Allied Health Literature 1982 to December Week 1 2007**

#	Search history	Results
1	exp CLINICAL TRIALS/	50105
2	clinical trial.pt.	24633
3	(clinic\$ adj5 trial\$.tw,sh.	12795
4	SINGLE-BLIND STUDIES/	2554
5	DOUBLE-BLIND STUDIES/	9444
6	TRIPLE-BLIND STUDIES/	37
7	((single or double or triple or treble) adj5 (blind\$ or mask\$)).tw,sh.	6949
8	RANDOM ASSIGNMENT/	16979
9	random\$.tw.	46842
10	RANDOMIZED CONTROLLED TRIALS/	38347
11	CLINICAL TRIALS/	38347
12	randomi?ed control\$ trial\$.tw.	10291
13	PLACEBOS/	3902
14	placebo\$.tw.	9720
15	or/1-14	83913
16	META ANALYSIS/	5947
17	((meta adj analy\$) or metaanalys\$ or meta-analy\$).tw.	4215
18	SYSTEMATIC REVIEW/	3456
19	systematic review.pt.	10264
20	(systematic\$ adj5 (review\$ or overview\$)).tw.	8021
21	LITERATURE REVIEW/	2503
22	or/16-21	19334
23	("review" or "review studies" or "review academic" or "review tutorial").ti,ab,sh,pt.	100805
24	(medline or medlars or embase or cochrane or scisearch or psycinfo or psychinfo or psychlit or psyclit or "web of science" or "science citation").tw.	8521
25	((hand or manual\$) adj2 search\$.tw.	960
26	(electronic database\$ or bibliographic database\$ or computeri?ed database\$ or online database\$.tw.	1557
27	(pooling or pooled or mantel haenszel).tw.	2264
28	(peto or dersimonian or "der simonian" or fixed effect).tw.	393
29	or/24-28	11039
30	and/23,29	6430
31	COMPARATIVE STUDIES/	43115
32	(compar\$ adj5 stud\$.tw.	15772
33	CASE-CONTROL STUDIES/	12857
34	(case\$ adj2 control\$.ti,ab.	4184
35	RETROSPECTIVE DESIGN/	25599
36	exp PROSPECTIVE STUDIES/	62687
37	RETROSPECTIVE PANEL STUDIES/	39
38	PRETEST-POSTTEST DESIGN/	10765
39	CROSS SECTIONAL STUDIES/	22209
40	or/31-39	156561
41	or/15,22,30,40	225462

## Surgical site infection

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# Search history	Results
42 letter.pt.	49691
43 commentary.pt.	70142
44 editorial.pt.	79891
45 or/42-44	163544
46 41 not 45	209948
47 SURGICAL WOUND INFECTION/	2018
48 SURGICAL WOUND DEHISCENCE/	217
49 (SSI or SSTI).tw.	455
50 ((wound? or incision\$) adj3 (infect\$ or sepsis or septic\$ or dehiscen\$)).tw.	1333
51 ((surger\$ or surgical\$) adj3 (infect\$ or sepsis or septic\$ or dehiscen\$)).tw.	1024
52 ((post operative\$ or post surgical\$) adj3 (infect\$ or sepsis or septic\$)).tw.	59
53 WOUND INFECTION/	1395
54 INFECTION CONTROL/	10095
55 BACTERIAL INFECTION/pc	363
56 WOUND HEALING/	5731
57 or/47-56	19488
58 DEBRIDEMENT/	1482
59 debrid\$.tw.	1172
60 (negative pressure adj3 (wound or therap\$ or topical\$)).tw.	198
61 NEGATIVE-PRESSURE WOUND THERAPY/	97
62 (vacuum adj3 (wound or closure)).tw.	113
63 VAC.tw.	132
64 LARVA/	77
65 (larva? or maggot?).tw.	240
66 (versajet or hydrosurgery).tw.	10
67 (water jet? or hydroscalpel?).tw.	10
68 hydrogel?.tw.	179
69 (Intrasite gel or sterigel or granugel).tw.	14
70 COLLOIDS/	138
71 HYDROGEL DRESSINGS/	267
72 (colloid? or hydrocolloid?).tw.	379
73 wet to dry dressing?.tw.	20
74 ZINC OXIDE/	52
75 zinc oxide.tw.	47
76 (dextranomer or cadexomer).tw.	24
77 ALGINATES/	275
78 debrisan.tw.	3
79 DEXTRANS/	65
80 iodisorb.tw.	4
81 (transorbent or duoderm).tw.	27
82 STREPTOKINASE/	214
83 (streptokinase or streptodornase or collagenase or trypsin).tw.	306
84 enzyme?.tw.	4787

# Search history	Results
85 TRYPSIN/	49
86 varidase.tw.	2
87 (remov\$ adj3 (necrotic tissue? or gangren\$ or dead tissue?)).tw.	32
88 or/58-87	8792
89 (postoperative\$ or postsurg\$ or post surg\$ or post operative\$).tw.	12052
90 ((after or following) adj3 (surger\$ or surgical\$)).tw.	7321
91 postoperative\$.hw.	16694
92 or/89-91	26751
93 and/57,88	1397
94 and/92-93	161
95 ulcer?.ti.	4440
96 94 not 95	158
97 and/46,96	52
98 limit 97 to english	52

## SSI\_debridement\_economics\_200108

### Ovid MEDLINE(R) 1950 to January Week 2 2008

# Search history	Results
1 ECONOMICS/	24888
2 "COSTS AND COST ANALYSIS"/	35819
3 COST ALLOCATION/	1822
4 COST-BENEFIT ANALYSIS/	41572
5 COST CONTROL/	17398
6 COST SAVINGS/	5851
7 COST OF ILLNESS/	9901
8 COST SHARING/	1331
9 HEALTH CARE COSTS/	15994
10 DIRECT SERVICE COSTS/	821
11 DRUG COSTS/	8254
12 EMPLOYER HEALTH COSTS/	977
13 HOSPITAL COSTS/	5407
14 HEALTH RESOURCES/	6052
15 "HEALTH SERVICES NEEDS AND DEMAND"/	27844
16 HEALTH PRIORITIES/	6465
17 HEALTH EXPENDITURES/	9713
18 CAPITAL EXPENDITURES/	1807
19 FINANCIAL MANAGEMENT/	14207
20 FINANCIAL MANAGEMENT, HOSPITAL/	6797
21 QUALITY-ADJUSTED LIFE YEARS/	3201
22 "DEDUCTIBLES AND COINSURANCE"/	1146
23 MEDICAL SAVINGS ACCOUNTS/	375

## Surgical site infection

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#	Search history	Results
24	ECONOMICS, HOSPITAL/	8283
25	ECONOMICS, MEDICAL/	6755
26	ECONOMICS, NURSING/	3753
27	ECONOMICS, PHARMACEUTICAL/	1847
28	MODELS, ECONOMIC/	2970
29	MODELS, ECONOMETRIC/	2628
30	RESOURCE ALLOCATION/	5742
31	HEALTH CARE RATIONING/	8673
32	"FEES AND CHARGES"/	7170
33	BUDGETS/	7477
34	VALUE OF LIFE/	4881
35	(financ\$ or fiscal\$ or funding).ti.	12911
36	(QALY\$ or life?year\$).ti.	187
37	(econom\$ or cost\$).ti.	75376
38	pharmacoeconomic\$.ti.	1019
39	or/1-38	270353
40	SURGICAL WOUND INFECTION/	21984
41	SURGICAL WOUND DEHISCENCE/	4685
42	(SSI or SSTI).tw.	1635
43	WOUND INFECTION/	7571
44	INFECTION CONTROL/	13347
45	((wound? or incision\$) adj3 (infect\$ or sepsis or septic\$ or dehiscen\$)).tw.	15500
46	((surger\$ or surgical\$) adj3 (infect\$ or sepsis or septic\$ or dehiscen\$)).tw.	8982
47	BACTERIAL INFECTION/pc	6584
48	WOUND HEALING/	50303
49	or/40-48	110965
50	DEBRIDEMENT/	7731
51	debrid\$.tw.	10587
52	(negative pressure adj3 (wound or therap\$ or topical\$)).tw.	235
53	NEGATIVE-PRESSURE WOUND THERAPY/	11
54	(vacuum adj3 (wound or closure)).tw.	396
55	VAC.tw.	1318
56	LARVA/	30581
57	(larva? or maggot?).tw.	43075
58	(versajet or hydrosurgery).tw.	10
59	(water jet? or hydrosscalpel?).tw.	251
60	HYDROGEL/	1413
61	hydrogel?.tw.	5376
62	(Intrasite gel or sterigel or granugel).tw.	24
63	COLLOIDS/	8956
64	(colloid? or hydrocolloid?).tw.	11762
65	wet to dry dressing?.tw.	29
66	ZINC OXIDE/	1440

#	Search history	Results
67	zinc oxide.tw.	1271
68	((dextranomer or cadexomer) adj3 (bead? or paste?)).tw.	18
69	ALGINATES/	4335
70	debrisan.tw.	69
71	DEXTRANS/	17764
72	iodosorb.tw.	17
73	(transorbent or duoderm).tw.	103
74	"STREPTODORNASE AND STREPTOKINASE"/	1343
75	(streptokinase or streptodornase or collagenase or trypsin).tw.	58625
76	enzyme?.tw.	574621
77	VACUUM/	2326
78	COLLAGENASES/	5185
79	TRYPSIN/	36213
80	mezinc.tw.	4
81	varidase.tw.	166
82	(remov\$ adj3 (necrotic tissue? or gangren\$ or dead tissue?)).tw.	230
83	or/50-82	751300
84	(postoperative\$ or postsurg\$ or post surg\$ or post operative\$).tw.	259659
85	((after or following) adj3 (surger\$ or surgical\$)).tw.	140782
86	POSTOPERATIVE CARE/	43125
87	POSTOPERATIVE PERIOD/	25278
88	POSTOPERATIVE COMPLICATIONS/	226517
89	or/84-88	529679
90	and/49,83	6933
91	and/89-90	1624
92	and/39,91	24
93	limit 92 to english language	22

### EMBASE 1980 to 2008 Week 03

#	Search history	Results
1	SURGICAL INFECTION/	3833
2	WOUND DEHISCENCE/	3192
3	WOUND INFECTION/	14052
4	POSTOPERATIVE INFECTION/	13947
5	((wound? or incision\$) adj5 (infect\$ or sepsis or septic\$ or dehiscen\$)).tw.	13510
6	((surger\$ or surgical\$) adj5 (infect\$ or sepsis or septic\$ or dehiscen\$)).tw.	11332
7	(SSI or SSTI).tw.	1235
8	((post operative\$ or postoperative\$ or post surgical\$ or postsurgical\$) adj3 (infect\$ or sepsis or septic\$)).tw.	6356
9	BACTERIAL INFECTION/pc	5054
10	SKIN INFECTION/pc	314
11	WOUND HEALING/	27174
12	or/1-11	76141

## Surgical site infection

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# Search history	Results
13 DEBRIDEMENT/	9827
14 debrid\$.tw.	8848
15 (negative pressure adj3 (wound or therap\$ or topical\$)).tw.	119
16 VACUUM ASSISTED CLOSURE/	389
17 (vacuum adj3 (wound or closure)).tw.	395
18 VAC.tw.	1279
19 MAGGOT/	57
20 MAGGOT THERAPY/	69
21 (larva? or maggot?).tw.	24397
22 (versajet or hydrosurgery).tw.	12
23 (water jet? or hydroscalpel?).tw.	207
24 HYDROGEL/	5800
25 HYDROGEL DRESSING/	36
26 hydrogel?.tw.	5945
27 (Intrasite gel or sterigel or granugel).tw.	17
28 COLLOID/	6857
29 (colloid? or hydrocolloid?).tw.	10537
30 wet to dry dressing?.tw.	25
31 ZINC OXIDE/	1817
32 zinc.tw.	45874
33 (dextranomer or cadexomer).tw.	227
34 ALGINIC ACID/	4624
35 debrisan.tw.	170
36 DEXTRAN/	9396
37 (transorbent or duoderm or iodisorb).tw.	228
38 STREPTODORNASE/	108
39 STREPTODORNASE PLUS STREPTOKINASE/	192
40 STREPTOKINASE/	12487
41 (streptokinase or streptodornase or collagenase or trypsin).tw.	42054
42 varidase.tw.	180
43 enzyme?.tw.	449720
44 COLLAGENASES/	7647
45 TRYPSIN/	12160
46 mezinc.tw.	11
47 (remov\$ adj3 (necrotic tissue? or gangren\$ or dead tissue?)).tw.	191
48 or/13-47	605572
49 postoperative\$.hw.	194848
50 (postoperative\$ or postsurg\$ or post surg\$ or post operative\$).tw.	214528
51 ((after or following) adj3 (surger\$ or surgical\$)).tw.	118462
52 or/49-51	379186
53 and/12,48	6470
54 and/52-53	1906
55 limit 54 to "economics (2 or more terms min difference)"	66

#	Search history	Results
56	limit 55 to english language	55

**DARE, HTA, EED**

#	Search history	Results
1	SURGICAL WOUND INFECTION/	115
2	SURGICAL WOUND DEHISCENCE/	8
3	(SSI or SSTI).tw.	11
4	WOUND INFECTION/	22
5	INFECTION CONTROL/	171
6	((wound? or incision\$) adj3 (infect\$ or sepsis or septic\$ or dehiscen\$)).tw.	376
7	((surger\$ or surgical\$) adj3 (infect\$ or sepsis or septic\$ or dehiscen\$)).tw.	218
8	BACTERIAL INFECTION/pc	34
9	WOUND HEALING/	172
10	or/1-9	734
11	DEBRIDEMENT/	36
12	debrid\$.tw.	78
13	(negative pressure adj3 (wound or therap\$ or topical\$)).tw.	6
14	NEGATIVE-PRESSURE WOUND THERAPY/	0
15	(vacuum adj3 (wound or closure)).tw.	17
16	VAC.tw.	11
17	LARVA/	5
18	(larva? or maggot?).tw.	8
19	(versajet or hydrosurgery).tw.	1
20	(water jet? or hydroscalpel?).tw.	1
21	HYDROGEL/	4
22	hydrogel?.tw.	22
23	(Intrasite gel or sterigel or granugel).tw.	1
24	COLLOIDS/	15
25	(colloid? or hydrocolloid?).tw.	59
26	wet to dry dressing?.tw.	4
27	ZINC OXIDE/	1
28	zinc oxide.tw.	8
29	((dextranomer or cadexomer) adj3 (bead? or paste?)).tw.	2
30	ALGINATES/	9
31	debrisan.tw.	0
32	DEXTRANS/	7
33	iodosorb.tw.	1
34	(transorbent or duoderm).tw.	4
35	"STREPTODORNASE AND STREPTOKINASE"/	1
36	(streptokinase or streptodornase or collagenase or trypsin).tw.	92
37	enzyme?.tw.	650
38	VACUUM/	15
39	COLLAGENASES/	2

## Surgical site infection

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#	Search history	Results
40	TRYPsin/	3
41	mezinc.tw.	0
42	varidase.tw.	0
43	(remov\$ adj3 (necrotic tissue? or gangren\$ or dead tissue?)).tw.	0
44	or/11-43	929
45	(postoperative\$ or postsurg\$ or post surg\$ or post operative\$).tw.	2242
46	((after or following) adj3 (surger\$ or surgical\$)).tw.	1994
47	POSTOPERATIVE CARE/	173
48	POSTOPERATIVE PERIOD/	54
49	POSTOPERATIVE COMPLICATIONS/	640
50	or/45-49	3360
51	and/10,44	68
52	and/50-51	17

## SSI\_diathermy\_medline\_220108

### Ovid MEDLINE(R) 1950 to January Week 2 2008

#	Search history	Results
1	SURGICAL WOUND INFECTION/	21984
2	SURGICAL WOUND DEHISCENCE/	4685
3	(SSI or SSTI).tw.	1635
4	WOUND INFECTION/	7571
5	INFECTION CONTROL/	13347
6	((wound? or incision\$) adj3 (infect\$ or sepsis or septic\$ or dehiscen\$)).tw.	15500
7	((surger\$ or surgical\$) adj3 (infect\$ or sepsis or septic\$ or dehiscen\$)).tw.	8982
8	BACTERIAL INFECTION/pc	6584
9	or/1-8	64963
10	ELECTROCOAGULATION/	8625
11	((surg\$ or cut\$ or incis\$) adj3 diatherm\$).tw.	171
12	(harmonic adj3 scalpel?).tw.	377
13	((cut\$ or surg\$ or scalpel?) adj3 laser?).tw.	4961
14	LASER THERAPY/	26881
15	((knife or knives or scalpel? or surg\$ or incis\$) adj3 laser\$).tw.	4762
16	ELECTROSURGERY/	3056
17	(electrosurg\$ or electrocaut\$ or electro surg\$ or electro caut\$).tw.	3590
18	CAUTERY/	1041
19	or/10-18	41642
20	and/9,19	384
21	limit 20 to english language	233
22	limit 21 to humans	185

**EMBASE 1980 to 2008 Week 03**

#	Search history	Results
1	SURGICAL INFECTION/	3833
2	WOUND DEHISCENCE/	3192
3	WOUND INFECTION/	14052
4	POSTOPERATIVE INFECTION/	13947
5	((wound? or incision\$) adj5 (infect\$ or sepsis or septic\$ or dehiscen\$)).tw.	13510
6	((surger\$ or surgical\$) adj5 (infect\$ or sepsis or septic\$ or dehiscen\$)).tw.	11332
7	(SSI or SSTI).tw.	1235
8	((post operative\$ or postoperative\$ or post surgical\$ or postsurgical\$) adj3 (infect\$ or sepsis or septic\$)).tw.	6356
9	BACTERIAL INFECTION/pc	5054
10	SKIN INFECTION/pc	314
11	or/1-10	51314
12	ELECTROCOAGULATION/	1759
13	(electrosurg\$ or electrocaut\$ or electro surg\$ or electro caut\$).tw.	2761
14	ELECTROSURGERY/	1872
15	((surg\$ or cut\$ or incis\$) adj3 diatherm\$).tw.	129
16	(harmonic adj3 scalpel?).tw.	340
17	((cut\$ or surg\$ or scalpel?) adj3 laser?).tw.	4143
18	((knife or knives or incis\$) adj3 laser\$).tw.	284
19	CAUTERIZATION/	3534
20	or/12-19	12192
21	and/11,20	245
22	limit 21 to (human and english language)	191

**CINAHL - Cumulative Index to Nursing & Allied Health Literature 1982 to December Week 1 2007**

#	Search history	Results
1	SURGICAL WOUND INFECTION/	2018
2	SURGICAL WOUND DEHISCENCE/	217
3	(SSI or SSTI).tw.	455
4	((wound? or incision\$) adj3 (infect\$ or sepsis or septic\$ or dehiscen\$)).tw.	1333
5	((surger\$ or surgical\$) adj3 (infect\$ or sepsis or septic\$ or dehiscen\$)).tw.	1024
6	((post operative\$ or post surgical\$) adj3 (infect\$ or sepsis or septic\$)).tw.	59
7	WOUND INFECTION/	1395
8	INFECTION CONTROL/	10095
9	BACTERIAL INFECTION/pc	363
10	or/1-9	14522
11	((surg\$ or cut\$ or incis\$) adj3 diatherm\$).tw.	4
12	(harmonic adj3 scalpel?).tw.	17
13	((cut\$ or surg\$ or scalpel?) adj3 laser?).tw.	306
14	LASERS/	1209
15	((knife or knives or incis\$) adj3 laser\$).tw.	9
16	ELECTROSURGERY/	333

## Surgical site infection

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#	Search history	Results
17	(electrosurg\$ or electrocaut\$ or electro surg\$ or electro caut\$).tw.	262
18	CAUTERY/	144
19	or/11-18	2004
20	and/10,19	13
21	limit 20 to english	12

## SSI\_diathermy\_medline\_economics\_220108

### Ovid MEDLINE(R) 1950 to January Week 2 2008

#	Search history	Results
1	ECONOMICS/	24888
2	"COSTS AND COST ANALYSIS"/	35819
3	COST ALLOCATION/	1822
4	COST-BENEFIT ANALYSIS/	41572
5	COST CONTROL/	17398
6	COST SAVINGS/	5851
7	COST OF ILLNESS/	9901
8	COST SHARING/	1331
9	HEALTH CARE COSTS/	15994
10	DIRECT SERVICE COSTS/	821
11	DRUG COSTS/	8254
12	EMPLOYER HEALTH COSTS/	977
13	HOSPITAL COSTS/	5407
14	HEALTH RESOURCES/	6052
15	"HEALTH SERVICES NEEDS AND DEMAND"/	27844
16	HEALTH PRIORITIES/	6465
17	HEALTH EXPENDITURES/	9713
18	CAPITAL EXPENDITURES/	1807
19	FINANCIAL MANAGEMENT/	14207
20	FINANCIAL MANAGEMENT, HOSPITAL/	6797
21	QUALITY-ADJUSTED LIFE YEARS/	3201
22	"DEDUCTIBLES AND COINSURANCE"/	1146
23	MEDICAL SAVINGS ACCOUNTS/	375
24	ECONOMICS, HOSPITAL/	8283
25	ECONOMICS, MEDICAL/	6755
26	ECONOMICS, NURSING/	3753
27	ECONOMICS, PHARMACEUTICAL/	1847
28	MODELS, ECONOMIC/	2970
29	MODELS, ECONOMETRIC/	2628
30	RESOURCE ALLOCATION/	5742
31	HEALTH CARE RATIONING/	8673
32	"FEES AND CHARGES"/	7170

#	Search history	Results
33	BUDGETS/	7477
34	VALUE OF LIFE/	4881
35	(financ\$ or fiscal\$ or funding).tw.	51412
36	(QALY\$ or life?year\$).tw.	1892
37	(econom\$ or cost\$).tw.	267052
38	pharmacoeconomic\$.tw.	1818
39	ec.fs.	233262
40	or/1-39	537596
41	SURGICAL WOUND INFECTION/	21984
42	SURGICAL WOUND DEHISCENCE/	4685
43	(SSI or SSTI).tw.	1635
44	WOUND INFECTION/	7571
45	INFECTION CONTROL/	13347
46	((wound? or incision\$) adj3 (infect\$ or sepsis or septic\$ or dehiscen\$)).tw.	15500
47	((surger\$ or surgical\$) adj3 (infect\$ or sepsis or septic\$ or dehiscen\$)).tw.	8982
48	BACTERIAL INFECTION/pc	6584
49	or/41-48	64963
50	ELECTROCOAGULATION/	8625
51	((surg\$ or cut\$ or incis\$) adj3 diatherm\$).tw.	171
52	(harmonic adj3 scalpel?).tw.	377
53	((cut\$ or surg\$ or scalpel?) adj3 laser?).tw.	4961
54	LASER THERAPY/	26881
55	((knife or knives or scalpel? or surg\$ or incis\$) adj3 laser\$).tw.	4762
56	ELECTROSURGERY/	3056
57	(electrosurg\$ or electrocaut\$ or electro surg\$ or electro caut\$).tw.	3590
58	CAUTERY/	1041
59	or/50-58	41642
60	and/49,59	384
61	and/40,60	14
62	limit 61 to english language	11

**EMBASE 1980 to 2008 Week 03**

#	Search history	Results
1	ECONOMICS/	5491
2	HEALTH ECONOMICS/	9777
3	ECONOMIC EVALUATION/	3969
4	COST BENEFIT ANALYSIS/	27763
5	COST CONTROL/	16028
6	COST EFFECTIVENESS ANALYSIS/	52472
7	COST MINIMIZATION ANALYSIS/	1276
8	COST OF ILLNESS/	4311
9	COST UTILITY ANALYSIS/	2135
10	COST/	19693

## Surgical site infection

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# Search history	Results
11 HEALTH CARE COST/	56817
12 DRUG COST/	32133
13 HEALTH CARE FINANCING/	8947
14 HOSPITAL COST/	6059
15 SOCIOECONOMICS/	28805
16 ECONOMIC ASPECT/	68947
17 QUALITY-ADJUSTED LIFE YEARS/	3420
18 FINANCIAL MANAGEMENT/	21876
19 PHARMACOECONOMICS/	904
20 RESOURCE ALLOCATION/	7062
21 (financ\$ or fiscal\$ or funding).tw.	36867
22 (QALY\$ or life?year\$).tw.	1846
23 (econom\$ or cost\$).tw.	220503
24 pharmaco-economic\$.tw.	2492
25 or/1-24	394434
26 SURGICAL INFECTION/	3833
27 WOUND DEHISCENCE/	3192
28 WOUND INFECTION/	14052
29 POSTOPERATIVE INFECTION/	13947
30 ((wound? or incision\$) adj5 (infect\$ or sepsis or septic\$ or dehiscen\$)).tw.	13510
31 ((surger\$ or surgical\$) adj5 (infect\$ or sepsis or septic\$ or dehiscen\$)).tw.	11332
32 (SSI or SSTI).tw.	1235
33 ((post operative\$ or postoperative\$ or post surgical\$ or postsurgical\$) adj3 (infect\$ or sepsis or septic\$)).tw.	6356
34 BACTERIAL INFECTION/pc	5054
35 SKIN INFECTION/pc	314
36 or/26-35	51314
37 ELECTROCOAGULATION/	1759
38 (electrosurg\$ or electrocaut\$ or electro surg\$ or electro caut\$).tw.	2761
39 ELECTROSURGERY/	1872
40 ((surg\$ or cut\$ or incis\$) adj3 diatherm\$).tw.	129
41 (harmonic adj3 scalpel?).tw.	340
42 ((cut\$ or surg\$ or scalpel?) adj3 laser?).tw.	4143
43 ((knife or knives or incis\$) adj3 laser\$).tw.	284
44 CAUTERIZATION/	3534
45 or/37-44	12192
46 and/36,45	245
47 limit 46 to (human and english language)	191
48 and/25,47	18
49 limit 48 to english language	18

## HTA/EED

# Search history	Results
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#	Search history	Results
1	SURGICAL WOUND INFECTION/	115
2	SURGICAL WOUND DEHISCENCE/	8
3	(SSI or SSTI).tw.	5
4	WOUND INFECTION/	22
5	INFECTION CONTROL/	171
6	((wound? or incision\$) adj3 (infect\$ or sepsis or septic\$ or dehiscen\$)).tw.	274
7	((surger\$ or surgical\$) adj3 (infect\$ or sepsis or septic\$ or dehiscen\$)).tw.	152
8	BACTERIAL INFECTION/pc	34
9	or/1-8	473
10	ELECTROCOAGULATION/	48
11	((surg\$ or cut\$ or incis\$) adj3 diatherm\$).tw.	1
12	(harmonic adj3 scalpel?).tw.	2
13	((cut\$ or surg\$ or scalpel?) adj3 laser?).tw.	135
14	LASER THERAPY/	1
15	((knife or knives or scalpel? or surg\$ or incis\$) adj3 laser\$).tw.	133
16	ELECTROSURGERY/	14
17	(electrosurg\$ or electrocaut\$ or electro surg\$ or electro caut\$).tw.	36
18	CAUTERY/	3
19	or/10-18	210
20	and/9,19	0

## SSI\_postop\_antiseptics\_medline\_250108

### Ovid MEDLINE(R) 1950 to January Week 3 2008

#	Search history	Results
1	randomized controlled trial.pt.	246309
2	controlled clinical trial.pt.	76009
3	DOUBLE BLIND METHOD/	94156
4	SINGLE BLIND METHOD/	11521
5	RANDOM ALLOCATION/	59382
6	RANDOMIZED CONTROLLED TRIALS/	51740
7	or/1-6	415806
8	((single or double or triple or treble) adj5 (blind\$ or mask\$)).tw,sh.	91633
9	clinical trial.pt.	439361
10	exp CLINICAL TRIALS/	0
11	(clinic\$ adj5 trial\$).tw,sh.	120743
12	PLACEBOS/	26504
13	placebo\$.tw,sh.	118790
14	random\$.tw,sh.	450329
15	or/8-14	815493
16	or/7,15	830887
17	META ANALYSIS/	247

## Surgical site infection

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#	Search history	Results
18	meta analysis.pt.	17084
19	(metaanaly\$ or meta-analy\$ or (meta adj analy\$)).tw,sh.	24347
20	(systematic\$ adj5 (review\$ or overview\$)).tw,sh.	15356
21	(methodologic\$ adj5 (review\$ or overview\$)).tw,sh.	1786
22	or/17-21	42094
23	review\$.pt.	1331732
24	(medline or medlars or embase or cinahl or cochrane or psycinfo or psychinfo or psychlit or psyclit or "web of science" or "science citation" or scisearch).tw.	27585
25	((hand or manual\$) adj2 search\$).tw.	3091
26	(electronic database\$ or bibliographic database\$ or computerized database\$ or online database\$).tw,sh.	4638
27	(pooling or pooled or mantel haenszel).tw,sh.	27556
28	(peto or dersimonian or der simonian or fixed effect).tw,sh.	1233
29	or/24-28	56906
30	23 and 29	23390
31	or/22,30	56230
32	letter.pt.	605711
33	case report.tw.	129094
34	comment.pt.	342776
35	editorial.pt.	211521
36	historical article.pt.	241923
37	or/32-36	1225271
38	16 not 37	806377
39	31 not 37	53013
40	or/38-39	835088
41	SURGICAL WOUND INFECTION/	22005
42	SURGICAL WOUND DEHISCENCE/	4687
43	(SSI or SSTI).tw.	1641
44	WOUND INFECTION/	7575
45	INFECTION CONTROL/	13374
46	((wound? or incision\$) adj3 (infect\$ or sepsis or septic\$ or dehiscen\$)).tw.	15526
47	((surger\$ or surgical\$) adj3 (infect\$ or sepsis or septic\$ or dehiscen\$)).tw.	9004
48	POSTOPERATIVE COMPLICATIONS/	226690
49	BACTERIAL INFECTION/pc	6588
50	WOUND HEALING/	50346
51	pus.tw.	3144
52	(exudate adj3 (suppurative or purulent)).tw.	164
53	or/41-52	326692
54	ANTI-INFECTIVE AGENTS, LOCAL/	9002
55	POVIDONE-IODINE/	1800
56	(povidone or iodine).tw.	24259
57	IODINE/	15092
58	IODINE COMPOUNDS/	257
59	CHLORHEXIDINE/	4293

#	Search history	Results
60	chlorhexidine.tw.	4193
61	DISINFECTION/	7014
62	DETERGENTS/	13525
63	ANTIBACTERIAL AGENTS/	167526
64	(antimicrob\$ or anti microb\$ or antibiotic\$ or anti biotic\$.tw.	193749
65	((anti-infective\$ or antiinfective\$ or antibacteria\$ or anti-bacteria\$) adj (agent\$ or drug\$ or solution? or preparation? or spray? or gel? or lotion?)).tw.	5384
66	HONEY/	1229
67	honey.tw.	2711
68	TEA TREE OIL/	172
69	tea tree.tw.	210
70	melaleuca.tw.	154
71	ALOE/	547
72	(aloe or a vera).tw.	691
73	eusol.tw,hw.	44
74	microbicide?.tw.	838
75	(bactericide? or bacteriocidal agent?).tw.	37
76	exp CARBAPENEMS/	4505
77	exp CEPHALOSPORINS/	31340
78	exp CEPHAMYCINS/	2939
79	exp MONOBACTAMS/	1288
80	exp PENICILLINS/	59197
81	THIENAMYCINS/	2092
82	exp MACROLIDES/	70549
83	exp FLUOROQUINOLONES/	18333
84	exp SULFONAMIDES/	74820
85	exp TETRACYCLINES/	32893
86	exp AMINOGLYCOSIDES/	102993
87	CLINDAMYCIN/	4024
88	exp NITROIMIDAZOLES/	12553
89	(gentamicin? or cefuroxime? or metronidazole? or ciprofloxacin?).tw.	35741
90	betadine.tw.	310
91	DISINFECTANTS/	6750
92	disinfectant?.tw.	4281
93	exp ALCOHOLS/	454856
94	(alcohol or spirit?).tw.	116436
95	HYDROGEN PEROXIDE/	28045
96	hydrogen peroxide.tw.	22730
97	BANDAGES/	11142
98	BANDAGES, HYDROCOLLOID/	404
99	OCCLUSIVE DRESSINGS/	2948
100	BIOLOGICAL DRESSINGS/	903
101	SILVER/	8296

## Surgical site infection

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#	Search history	Results
102	silver.tw.	23838
103	bandage\$.tw.	9057
104	(dress\$ adj3 wound?).tw.	1665
105	bandage\$.tw.	2956
106	gauze?.tw.	1894
107	(film adj3 membrane?).tw.	99
108	tegaderm.tw.	85
109	coloplast.tw.	56
110	or/54-109	1204643
111	skin.tw.	262202
112	topical\$.tw.	49983
113	ADMINISTRATION, CUTANEOUS/	10012
114	ADMINISTRATION, TOPICAL/	25278
115	dermis.tw.	11594
116	dermal\$.tw.	24043
117	(local\$ adj3 (appli\$ or administ\$ or apply)).tw.	12175
118	or/111-117	341130
119	(post operative\$ or postoperative\$.ti.	44688
120	(postsurg\$ or post surg\$.tw.	11741
121	((after or following) adj3 (surger\$ or surgical\$)).tw.	140986
122	POSTOPERATIVE CARE/	43156
123	POSTOPERATIVE PERIOD/	25310
124	POSTOPERATIVE COMPLICATIONS/	226690
125	((after or following) adj3 (wound clos\$ or stitch\$ or stapl\$)).tw.	842
126	or/119-125	409508
127	and/53,110	40598
128	and/118,126	12617
129	and/127-128	1410
130	and/40,129	341
131	limit 130 to (english language and humans)	280

### EMBASE 1980 to 2008 Week 03

#	Search history	Results
1	CLINICAL TRIALS/	488174
2	(clinic\$ adj5 trial\$.ti,ab,sh.	114608
3	SINGLE BLIND PROCEDURE/	7290
4	DOUBLE BLIND PROCEDURE/	67863
5	RANDOM ALLOCATION/	24848
6	CROSSOVER PROCEDURE/	19842
7	PLACEBO/	108811
8	placebo\$.ti,ab,sh.	158380
9	random\$.ti,ab,sh.	396354
10	RANDOMIZED CONTROLLED TRIALS/	153298

#	Search history	Results
11	((single or double or triple or treble) adj (blind\$ or mask\$)).ti,ab,sh.	88604
12	randomi?ed control\$ trial\$.tw.	28206
13	or/1-12	802751
14	META ANALYSIS/	32765
15	((meta adj analy\$) or metaanalys\$ or meta-analy\$).ti,ab,sh.	40658
16	(systematic\$ adj5 (review\$ or overview\$)).ti,sh,ab.	23092
17	(methodologic\$ adj5 (review\$ or overview\$)).ti,ab,sh.	1484
18	or/14-17	55237
19	review.pt.	851878
20	(medline or medlars or embase).ab.	19998
21	(scisearch or science citation index).ab.	579
22	(psychlit or psyclit or psychinfo or psycinfo or cinahl or cochrane).ab.	6363
23	((hand or manual\$) adj2 search\$).tw.	2308
24	(electronic database\$ or bibliographic database\$ or computeri?ed database\$ or online database\$).tw.	3656
25	(pooling or pooled or mantel haenszel).tw.	22726
26	(peto or dersimonian or "der simonian" or fixed effect).tw.	703
27	or/20-26	46666
28	19 and 27	15666
29	or/18,28	64226
30	case study.tw,sh.	20992
31	abstract report.tw,sh.	71202
32	note.tw,sh.	242574
33	short survey.tw,sh.	401470
34	letter.tw,sh.	391907
35	case report.tw,sh.	980028
36	editorial.tw,sh.	244891
37	or/30-36	2231459
38	13 not 37	713375
39	29 not 38	27670
40	or/38-39	741045
41	SURGICAL INFECTION/	3833
42	WOUND DEHISCENCE/	3192
43	WOUND INFECTION/	14052
44	POSTOPERATIVE INFECTION/	13947
45	((wound? or incision\$) adj5 (infect\$ or sepsis or septic\$ or dehiscen\$)).tw.	13510
46	((surger\$ or surgical\$) adj5 (infect\$ or sepsis or septic\$ or dehiscen\$)).tw.	11332
47	(SSI or SSTI).tw.	1235
48	((post operative\$ or postoperative\$ or post surgical\$ or postsurgical\$) adj3 (infect\$ or sepsis or septic\$)).tw.	6356
49	BACTERIAL INFECTION/pc	5054
50	SKIN INFECTION/pc	314
51	WOUND HEALING/	27174
52	WOUND HEALING IMPAIRMENT/	2070

## Surgical site infection

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#	Search history	Results
53	(exudate adj3 (suppurative or purulent)).tw.	107
54	pus.tw.	2547
55	or/41-54	79869
56	TOPICAL ANTIINFECTIVE AGENT/	173
57	CHLORHEXIDINE/	4903
58	POVIDONE IODINE/	4706
59	DISINFECTION/	8393
60	IODINE/	7976
61	betadine.tw.	1118
62	HYDROGEN PEROXIDE/	27520
63	hydrogen peroxide.tw.	20939
64	eusol.tw.	53
65	DISINFECTANT AGENT/	3290
66	(alcohol or spirit?).tw.	103920
67	ALCOHOL/	88378
68	(iodine or chlorhexidine).tw.	20433
69	ANTIBIOTIC AGENT/	112206
70	(antimicrob\$ or anti microb\$ or antibiotic\$ or anti biotic\$).tw.	161270
71	((anti-infective\$ or antiinfective\$ or antibacteria\$ or anti-bacteria\$) adj2 (agent\$ or drug\$ or solution? or preparation? or spray? or gel? or lotion?)).tw.	4964
72	microbicid\$.tw.	2378
73	(bactericide? or bacteriocidal agent?).tw.	22
74	exp QUINOLINE DERIVED ANTIINFECTIVE AGENT/	72387
75	exp SULFONAMIDE/	67435
76	exp AMINOGLYCOSIDE ANTIBIOTIC AGENT/	118740
77	exp BETA LACTAM ANTIBIOTIC/	188869
78	exp ANTHRACYCLINE ANTIBIOTIC AGENT/	100291
79	CHLORAMPHENICOL DERIVATIVE/	435
80	exp MACROLIDE/	75718
81	exp POLYENE ANTIBIOTIC AGENT/	2075
82	exp POLYPEPTIDE ANTIBIOTIC AGENT/	63397
83	exp TETRACYCLINE DERIVATIVE/	64722
84	exp QUINOLONE DERIVATIVE/	60089
85	exp NITROIMIDAZOLE DERIVATIVE/	76520
86	(gentamicin? or cefuroxime? or metronidazole? or ciprofloxacin?).tw.	32955
87	DISINFECTION/	8393
88	SKIN DECONTAMINATION/	683
89	ANTISEPSIS/	960
90	(antiseptic? or antisepsis).tw.	2866
91	HONEY/	938
92	honey.tw.	1857
93	"TEA TREE OIL"/	403
94	tea tree.tw.	239

#	Search history	Results
95	melaleuca.tw.	158
96	ALOE/	308
97	ALOE VERA/	212
98	ALOE VERA EXTRACT/	510
99	(aloe or a vera).tw.	717
100	"BANDAGES AND DRESSINGS"/	95
101	BANDAGE/	1596
102	FOAM DRESSING/	37
103	GAUZE DRESSING/	185
104	HYDROCOLLOID DRESSING/	52
105	HYDROGEL DRESSING/	36
106	TRANSPARENT DRESSING/	8
107	WOUND DRESSING/	4871
108	silver.tw.	18501
109	dressing?.tw.	6115
110	(dress\$ adj3 wound?).tw.	1256
111	bandag\$.tw.	2002
112	gauze?.tw.	1427
113	(film adj3 membrane?).tw.	202
114	tegaderm.tw.	139
115	coloplast.tw.	44
116	or/56-115	849490
117	TOPICAL DRUG ADMINISTRATION/	49333
118	tp.fs.	38946
119	skin.tw.	218838
120	topical\$.tw,hw.	83738
121	(local\$ adj3 (appli\$ or administ\$ or apply)).tw.	10209
122	cutaneous\$.tw.	67689
123	dermis.tw.	11441
124	dermal\$.tw.	22409
125	or/117-124	367254
126	(post operative\$ or postoperative\$.ti.	28843
127	(postsurg\$ or post surg\$.tw.	10070
128	((after or following) adj3 (surger\$ or surgical\$)).tw.	118462
129	postoperative.hw.	194848
130	((after or following) adj3 (wound clos\$ or stitch\$ or stapl\$)).tw.	779
131	or/126-130	291979
132	and/55,116	27854
133	and/125,131	16185
134	and/132-133	1564
135	and/40,134	358
136	limit 135 to (human and english language)	306

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**CINAHL - Cumulative Index to Nursing & Allied Health Literature 1982 to December Week 1 2007**

#	Search history	Results
1	exp CLINICAL TRIALS/	50105
2	clinical trial.pt.	24633
3	(clinic\$ adj5 trial\$).tw,sh.	12795
4	SINGLE-BLIND STUDIES/	2554
5	DOUBLE-BLIND STUDIES/	9444
6	TRIPLE-BLIND STUDIES/	37
7	((single or double or triple or treble) adj5 (blind\$ or mask\$)).tw,sh.	6949
8	RANDOM ASSIGNMENT/	16979
9	random\$.tw.	46842
10	RANDOMIZED CONTROLLED TRIALS/	38347
11	randomi?ed control\$ trial\$.tw.	10291
12	PLACEBOS/	3902
13	placebo\$.tw.	9720
14	or/1-13	83913
15	META ANALYSIS/	5947
16	((meta adj analy\$) or metaanalys\$ or meta-analy\$).tw.	4215
17	SYSTEMATIC REVIEW/	3456
18	systematic review.pt.	10264
19	(systematic\$ adj5 (review\$ or overview\$)).tw.	8021
20	LITERATURE REVIEW/	2503
21	or/15-20	19334
22	("review" or "review studies" or "review academic" or "review tutorial").ti,ab,sh,pt.	100805
23	(medline or medlars or embase or cochrane or scisearch or psycinfo or psychinfo or psychlit or psyclit or "web of science" or "science citation").tw.	8521
24	((hand or manual\$) adj2 search\$).tw.	960
25	(electronic database\$ or bibliographic database\$ or computeri?ed database\$ or online database\$).tw.	1557
26	(pooling or pooled or mantel haenszel).tw.	2264
27	(peto or dersimonian or "der simonian" or fixed effect).tw.	393
28	or/23-27	11039
29	and/22,28	6430
30	or/21,29	21021
31	letter.pt.	49691
32	commentary.pt.	70142
33	editorial.pt.	79891
34	or/31-33	163544
35	14 not 34	74342
36	30 not 34	18172
37	or/35-36	84979
38	SURGICAL WOUND INFECTION/	2018
39	SURGICAL WOUND DEHISCENCE/	217
40	(SSI or SSTI).tw.	455
41	((wound? or incision\$) adj3 (infect\$ or sepsis or septic\$ or dehiscen\$)).tw.	1333

#	Search history	Results
42	((surger\$ or surgical\$) adj3 (infect\$ or sepsis or septic\$ or dehiscen\$)).tw.	1024
43	((post operative\$ or post surgical\$) adj3 (infect\$ or sepsis or septic\$)).tw.	59
44	WOUND INFECTION/	1395
45	INFECTION CONTROL/	10095
46	BACTERIAL INFECTION/pc	363
47	WOUND HEALING/	5731
48	pus.tw.	110
49	(exudate adj3 (suppurative or purulent)).tw.	5
50	or/38-49	19583
51	ANTI-INFECTIVE AGENTS, LOCAL/	1201
52	POVIDONE-IODINE/	220
53	CHLORHEXIDINE/	616
54	DISINFECTION/	2995
55	DETERGENTS/	102
56	IODINE/	348
57	IODINE COMPOUNDS/	68
58	betadine.tw.	33
59	HYDROGEN PEROXIDE/	239
60	hydrogen peroxide.tw.	252
61	eusol.tw.	10
62	DISINFECTANTS/	681
63	(alcohol or spirit?).tw.	14318
64	exp ALCOHOLS/	3173
65	"BANDAGES AND DRESSINGS"/	4213
66	BIOLOGICAL DRESSINGS/	187
67	FOAM DRESSINGS/	268
68	GAUZE DRESSINGS/	135
69	HYDROCOLLOID DRESSINGS/	319
70	HYDROGEL DRESSINGS/	267
71	OCCLUSIVE DRESSINGS/	341
72	TRANSPARENT DRESSINGS/	175
73	(film adj3 membrane?).tw.	1
74	comfeel.tw.	12
75	tegaderm.tw.	20
76	coloplast.tw.	32
77	ANTI-INFECTIVE AGENTS/	810
78	(antimicrob\$ or anti microb\$ or antibiotic\$ or anti biotic\$).tw.	9145
79	((anti-infective\$ or antiinfective\$ or antibacteria\$ or anti-bacteria\$) adj (agent\$ or drug\$ or solution? or preparation? or spray? or gel? or lotion?)).tw.	182
80	microbicide?.tw.	138
81	(bactericide? or bacteriocidal agent?).tw.	2
82	ANTIBIOTICS/	7414
83	AMINOGLYCOSIDES/	246

## Surgical site infection

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#	Search history	Results
84	ANTIBIOTICS, COMBINED/	200
85	exp ANTIBIOTICS, LACTAM/	1846
86	exp ANTIBIOTICS, MACROLIDE/	806
87	ANTIBIOTICS, PEPTIDE/	28
88	BACITRACIN/	33
89	CHLORAMPHENICOL/	51
90	exp ERYTHROMYCIN/	718
91	MUPIROCIN/	132
92	exp POLYMYXINS/	67
93	exp TETRACYCLINES/	586
94	VANCOMYCIN/	460
95	exp ANTIINFECTIVE AGENTS, FLUOROQUINOLONE/	940
96	ANTIINFECTIVE AGENTS, QUINOLONE/	184
97	exp SULFONAMIDES/	791
98	exp PENICILLINS/	1028
99	(gentamicin? or cefuroxime? or metronidazole? or ciprofloxacin?).tw.	976
100	(antiseptic? or antisepsis).tw.	497
101	HONEY/	176
102	honey.tw.	194
103	"TEA TREE"/	35
104	tea tree.tw.	49
105	melaleuca.tw.	11
106	ALOE/	97
107	(aloe or a vera).tw.	85
108	SILVER/	294
109	silver.tw.	787
110	or/51-109	43877
111	ADMINISTRATION, TOPICAL/	1749
112	skin.tw.	11907
113	topical\$.tw.	2854
114	dermis.tw.	183
115	dermal\$.tw.	578
116	(local\$ adj3 (appli\$ or administ\$ or apply)).tw.	365
117	or/111-116	15736
118	(post operative\$ or postoperative\$).ti.	2967
119	(postsurg\$ or post surg\$).tw.	1129
120	((after or following) adj3 (surger\$ or surgical\$)).tw.	7321
121	POSTOPERATIVE CARE/	5328
122	POSTOPERATIVE PERIOD/	1420
123	POSTOPERATIVE COMPLICATIONS/	8640
124	((after or following) adj3 (wound clos\$ or stitch\$ or stapl\$)).tw.	36
125	or/118-124	21070
126	and/50,110	5236

#	Search history	Results
127	and/117,125	575
128	and/126-127	78
129	and/37,128	21
130	limit 129 to english	21

## SSI\_postop\_antiseptics\_economics\_medline\_280108

Ovid MEDLINE(R) 1950 to January Week 3 2008

#	Search history	Results
1	SURGICAL WOUND INFECTION/	22005
2	SURGICAL WOUND DEHISCENCE/	4687
3	(SSI or SSTI).tw.	1641
4	WOUND INFECTION/	7575
5	INFECTION CONTROL/	13374
6	((wound? or incision\$) adj3 (infect\$ or sepsis or septic\$ or dehiscen\$)).tw.	15526
7	((surger\$ or surgical\$) adj3 (infect\$ or sepsis or septic\$ or dehiscen\$)).tw.	9004
8	POSTOPERATIVE COMPLICATIONS/	226690
9	BACTERIAL INFECTION/pc	6588
10	WOUND HEALING/	50346
11	pus.tw.	3144
12	(exudate adj3 (suppurative or purulent)).tw.	164
13	or/1-12	326692
14	ANTI-INFECTIVE AGENTS, LOCAL/	9002
15	POVIDONE-IODINE/	1800
16	(povidone or iodine).tw.	24259
17	IODINE/	15092
18	IODINE COMPOUNDS/	257
19	CHLORHEXIDINE/	4293
20	chlorhexidine.tw.	4193
21	DISINFECTION/	7014
22	DETERGENTS/	13525
23	ANTIBACTERIAL AGENTS/	167526
24	(antimicrob\$ or anti microb\$ or antibiotic\$ or anti biotic\$).tw.	193749
25	((anti-infective\$ or antiinfective\$ or antibacteria\$ or anti-bacteria\$) adj (agent\$ or drug\$ or solution? or preparation? or spray? or gel? or lotion?)).tw.	5384
26	HONEY/	1229
27	honey.tw.	2711
28	TEA TREE OIL/	172
29	tea tree.tw.	210
30	melaleuca.tw.	154
31	ALOE/	547
32	(aloe or a vera).tw.	691

## Surgical site infection

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# Search history	Results
33 eusol.tw,hw.	44
34 microbicide?.tw.	838
35 (bactericide? or bacteriocidal agent?).tw.	37
36 exp CARBAPENEMS/	4505
37 exp CEPHALOSPORINS/	31340
38 exp CEPHAMYCINS/	2939
39 exp MONOBACTAMS/	1288
40 exp PENICILLINS/	59197
41 THIENAMYCINS/	2092
42 exp MACROLIDES/	70549
43 exp FLUOROQUINOLONES/	18333
44 exp SULFONAMIDES/	74820
45 exp TETRACYCLINES/	32893
46 exp AMINOGLYCOSIDES/	102993
47 CLINDAMYCIN/	4024
48 exp NITROIMIDAZOLES/	12553
49 (gentamicin? or cefuroxime? or metronidazole? or ciprofloxacin?).tw.	35741
50 betadine.tw.	310
51 DISINFECTANTS/	6750
52 disinfectant?.tw.	4281
53 exp ALCOHOLS/	454856
54 (alcohol or spirit?).tw.	116436
55 HYDROGEN PEROXIDE/	28045
56 hydrogen peroxide.tw.	22730
57 BANDAGES/	11142
58 BANDAGES, HYDROCOLLOID/	404
59 OCCLUSIVE DRESSINGS/	2948
60 BIOLOGICAL DRESSINGS/	903
61 SILVER/	8296
62 silver.tw.	23838
63 dressing?.tw.	9057
64 (dress\$ adj3 wound?).tw.	1665
65 bandag\$.tw.	2956
66 gauze?.tw.	1894
67 (film adj3 membrane?).tw.	99
68 tegaderm.tw.	85
69 coloplast.tw.	56
70 or/14-69	1204643
71 skin.tw.	262202
72 topical\$.tw.	49983
73 ADMINISTRATION, CUTANEOUS/	10012
74 ADMINISTRATION, TOPICAL/	25278
75 dermis.tw.	11594

# Search history	Results
76 dermal\$.tw.	24043
77 (local\$ adj3 (appli\$ or administ\$ or apply)).tw.	12175
78 or/71-77	341130
79 (post operative\$ or postoperative\$).ti.	44688
80 (postsurg\$ or post surg\$).tw.	11741
81 ((after or following) adj3 (surger\$ or surgical\$)).tw.	140986
82 POSTOPERATIVE CARE/	43156
83 POSTOPERATIVE PERIOD/	25310
84 POSTOPERATIVE COMPLICATIONS/	226690
85 ((after or following) adj3 (wound clos\$ or stitch\$ or stapl\$)).tw.	842
86 or/79-85	409508
87 and/13,70	40598
88 and/78,86	12617
89 and/87-88	1410
90 limit 89 to "costs (optimized)"	40
91 limit 90 to english language	34

#### EMBASE 1980 to 2008 Week 04

# Search history	Results
1 SURGICAL INFECTION/	3843
2 WOUND DEHISCENCE/	3198
3 WOUND INFECTION/	14085
4 POSTOPERATIVE INFECTION/	13975
5 ((wound? or incision\$) adj5 (infect\$ or sepsis or septic\$ or dehiscen\$)).tw.	13530
6 ((surger\$ or surgical\$) adj5 (infect\$ or sepsis or septic\$ or dehiscen\$)).tw.	11348
7 (SSI or SSTI).tw.	1237
8 ((post operative\$ or postoperative\$ or post surgical\$ or postsurgical\$) adj3 (infect\$ or sepsis or septic\$)).tw.	6362
9 BACTERIAL INFECTION/pc	5063
10 SKIN INFECTION/pc	316
11 WOUND HEALING/	27210
12 WOUND HEALING IMPAIRMENT/	2075
13 (exudate adj3 (suppurative or purulent)).tw.	107
14 pus.tw.	2554
15 or/1-14	80002
16 TOPICAL ANTIINFECTIVE AGENT/	173
17 CHLORHEXIDINE/	4904
18 POVIDONE IODINE/	4710
19 DISINFECTION/	8411
20 IODINE/	7982
21 betadine.tw.	1118
22 HYDROGEN PEROXIDE/	27556
23 hydrogen peroxide.tw.	20952

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#	Search history	Results
24	eusol.tw.	53
25	DISINFECTANT AGENT/	3293
26	(alcohol or spirit?).tw.	104058
27	ALCOHOL/	88485
28	(iodine or chlorhexidine).tw.	20447
29	ANTIBIOTIC AGENT/	112393
30	(antimicrob\$ or anti microb\$ or antibiotic\$ or anti biotic\$).tw.	161489
31	((anti-infective\$ or antiinfective\$ or antibacteria\$ or anti-bacteria\$) adj2 (agent\$ or drug\$ or solution? or preparation? or spray? or gel? or lotion?)).tw.	4966
32	microbicid\$.tw.	2381
33	(bactericide? or bacteriocidal agent?).tw.	22
34	exp QUINOLINE DERIVED ANTIINFECTIVE AGENT/	72519
35	exp SULFONAMIDE/	67512
36	exp AMINOGLYCOSIDE ANTIBIOTIC AGENT/	118885
37	exp BETA LACTAM ANTIBIOTIC/	189110
38	exp ANTHRACYCLINE ANTIBIOTIC AGENT/	100470
39	CHLORAMPHENICOL DERIVATIVE/	436
40	exp MACROLIDE/	75822
41	exp POLYENE ANTIBIOTIC AGENT/	2077
42	exp POLYPEPTIDE ANTIBIOTIC AGENT/	63525
43	exp TETRACYCLINE DERIVATIVE/	64812
44	exp QUINOLONE DERIVATIVE/	60202
45	exp NITROIMIDAZOLE DERIVATIVE/	76621
46	(gentamicin? or cefuroxime? or metronidazole? or ciprofloxacin?).tw.	32985
47	DISINFECTION/	8411
48	SKIN DECONTAMINATION/	683
49	ANTISEPSIS/	961
50	(antiseptic? or antiseptis).tw.	2868
51	HONEY/	939
52	honey.tw.	1860
53	"TEA TREE OIL"/	405
54	tea tree.tw.	240
55	melaleuca.tw.	158
56	ALOE/	309
57	ALOE VERA/	212
58	ALOE VERA EXTRACT/	510
59	(aloe or a vera).tw.	717
60	"BANDAGES AND DRESSINGS"/	95
61	BANDAGE/	1596
62	FOAM DRESSING/	37
63	GAUZE DRESSING/	185
64	HYDROCOLLOID DRESSING/	52
65	HYDROGEL DRESSING/	36

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# Search history	Results
66 TRANSPARENT DRESSING/	8
67 WOUND DRESSING/	4880
68 silver.tw.	18514
69 dressing?.tw.	6123
70 (dress\$ adj3 wound?).tw.	1257
71 bandag\$.tw.	2005
72 gauze?.tw.	1428
73 (film adj3 membrane?).tw.	203
74 tegaderm.tw.	139
75 coloplast.tw.	44
76 or/16-75	850641
77 TOPICAL DRUG ADMINISTRATION/	49333
78 tp.fs.	39068
79 skin.tw.	219097
80 topical\$.tw,hw.	83807
81 (local\$ adj3 (appli\$ or administ\$ or apply)).tw.	10225
82 cutaneous\$.tw.	67755
83 dermis.tw.	11455
84 dermal\$.tw.	22438
85 or/77-84	367671
86 (post operative\$ or postoperative\$.ti.	28873
87 (postsurg\$ or post surg\$.tw.	10090
88 ((after or following) adj3 (surger\$ or surgical\$)).tw.	118679
89 postoperative.hw.	195275
90 ((after or following) adj3 (wound clos\$ or stitch\$ or stapl\$)).tw.	782
91 or/86-90	292555
92 and/15,76	27911
93 and/85,91	16216
94 and/92-93	1570
95 limit 94 to "economics (2 or more terms min difference)"	72
96 limit 95 to english language	58

**HTA/EED**

# Search history	Results
1 SURGICAL WOUND INFECTION/	115
2 SURGICAL WOUND DEHISCENCE/	8
3 (SSI or SSTI).tw.	5
4 WOUND INFECTION/	22
5 INFECTION CONTROL/	171
6 ((wound? or incision\$) adj3 (infect\$ or sepsis or septic\$ or dehiscen\$)).tw.	274
7 ((surger\$ or surgical\$) adj3 (infect\$ or sepsis or septic\$ or dehiscen\$)).tw.	152
8 POSTOPERATIVE COMPLICATIONS/	640
9 BACTERIAL INFECTION/pc	34

## Surgical site infection

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#	Search history	Results
10	WOUND HEALING/	172
11	pus.tw.	9
12	(exudate adj3 (suppurative or purulent)).tw.	0
13	or/1-12	1209
14	ANTI-INFECTIVE AGENTS, LOCAL/	24
15	POVIDONE-IODINE/	8
16	(povidone or iodine).tw.	48
17	IODINE/	3
18	IODINE COMPOUNDS/	3
19	CHLORHEXIDINE/	19
20	chlorhexidine.tw.	28
21	DISINFECTION/	18
22	DETERGENTS/	6
23	ANTIBACTERIAL AGENTS/	511
24	(antimicrob\$ or anti microb\$ or antibiotic\$ or anti biotic\$).tw.	984
25	((anti-infective\$ or antiinfective\$ or antibacteria\$ or anti-bacteria\$) adj (agent\$ or drug\$ or solution? or preparation? or spray? or gel? or lotion?)).tw.	695
26	HONEY/	1
27	honey.tw.	1
28	TEA TREE OIL/	0
29	tea tree.tw.	0
30	melaleuca.tw.	0
31	ALOE/	0
32	(aloe or a vera).tw.	1
33	eusol.tw,hw.	1
34	microbicide?.tw.	0
35	(bactericide? or bacteriocidal agent?).tw.	0
36	exp CARBAPENEMS/	30
37	exp CEPHALOSPORINS/	129
38	exp CEPHAMYCINS/	5
39	exp MONOBACTAMS/	4
40	exp PENICILLINS/	122
41	THIENAMYCINS/	17
42	exp MACROLIDES/	205
43	exp FLUOROQUINOLONES/	70
44	exp SULFONAMIDES/	152
45	exp TETRACYCLINES/	25
46	exp AMINOGLYCOSIDES/	117
47	CLINDAMYCIN/	16
48	exp NITROIMIDAZOLES/	31
49	(gentamicin? or cefuroxime? or metronidazole? or ciprofloxacin?).tw.	165
50	betadine.tw.	3
51	DISINFECTANTS/	10

# Search history	Results
52 disinfectant?.tw.	12
53 exp ALCOHOLS/	278
54 (alcohol or spirit?).tw.	270
55 HYDROGEN PEROXIDE/	2
56 hydrogen peroxide.tw.	2
57 BANDAGES/	112
58 BANDAGES, HYDROCOLLOID/	6
59 OCCLUSIVE DRESSINGS/	32
60 BIOLOGICAL DRESSINGS/	3
61 SILVER/	9
62 silver.tw.	33
63 dressing?.tw.	130
64 (dress\$ adj3 wound?).tw.	28
65 bandag\$.tw.	133
66 gauze?.tw.	36
67 (film adj3 membrane?).tw.	0
68 tegaderm.tw.	2
69 coloplast.tw.	3
70 or/14-69	2357
71 skin.tw.	546
72 topical\$.tw.	146
73 ADMINISTRATION, CUTANEOUS/	38
74 ADMINISTRATION, TOPICAL/	43
75 dermis.tw.	3
76 dermal\$.tw.	17
77 (local\$ adj3 (appli\$ or administ\$ or apply)).tw.	18
78 or/71-77	694
79 (post operative\$ or postoperative\$.ti.	145
80 (postsurg\$ or post surg\$.tw.	96
81 ((after or following) adj3 (surger\$ or surgical\$)).tw.	555
82 POSTOPERATIVE CARE/	173
83 POSTOPERATIVE PERIOD/	54
84 POSTOPERATIVE COMPLICATIONS/	640
85 ((after or following) adj3 (wound clos\$ or stitch\$ or stapl\$)).tw.	3
86 or/79-85	1344
87 and/13,70	304
88 and/78,86	46
89 and/87-88	10

**SSI\_intracavity\_lavage\_medline\_060208****Ovid MEDLINE(R) 1950 to January Week 4 2008**

#	Search history	Results
1	randomized controlled trial.pt.	246660
2	controlled clinical trial.pt.	76052
3	DOUBLE BLIND METHOD/	94259
4	SINGLE BLIND METHOD/	11548
5	RANDOM ALLOCATION/	59418
6	RANDOMIZED CONTROLLED TRIALS/	51847
7	or/1-6	416351
8	((single or double or triple or treble) adj5 (blind\$ or mask\$)).tw,sh.	91734
9	clinical trial.pt.	439482
10	exp CLINICAL TRIALS/	0
11	(clinic\$ adj5 trial\$).tw,sh.	121029
12	PLACEBOS/	26524
13	placebo\$.tw,sh.	118924
14	random\$.tw,sh.	518741
15	or/8-14	822510
16	or/7,15	832069
17	META ANALYSIS/	16977
18	meta analysis.pt.	17149
19	(metaanaly\$ or meta-analy\$ or (meta adj analy\$)).tw,sh.	30467
20	(systematic\$ adj5 (review\$ or overview\$)).tw,sh.	15432
21	(methodologic\$ adj5 (review\$ or overview\$)).tw,sh.	1790
22	or/17-21	42248
23	review\$.pt.	1333714
24	(medline or medlars or embase or cinahl or cochrane or psycinfo or psychinfo or psychlit or psyclit or "web of science" or "science citation" or scisearch).tw.	27661
25	((hand or manual\$) adj2 search\$).tw.	3093
26	(electronic database\$ or bibliographic database\$ or computerized database\$ or online database\$).tw,sh.	4649
27	(pooling or pooled or mantel haenszel).tw,sh.	27611
28	(peto or dersimonian or der simonian or fixed effect).tw,sh.	1236
29	or/24-28	57041
30	23 and 29	23453
31	CASE-CONTROL STUDIES/	93230
32	RETROSPECTIVE STUDIES/	283720
33	PROSPECTIVE STUDIES/	233278
34	COHORT STUDIES/	80299
35	(case\$ adj2 control\$).tw.	48785
36	(compar\$ adj3 stud\$).tw.	166522
37	or/31-36	795484
38	or/16,22,30,37	1515566

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39 letter.pt.	606301
40 comment.pt.	343305
41 editorial.pt.	211870
42 historical article.pt.	242082
43 or/39-42	1099992
44 38 not 43	1475355
45 SURGICAL WOUND INFECTION/	22023
46 SURGICAL WOUND DEHISCENCE/	4693
47 (SSI or SSTI).tw.	1645
48 WOUND INFECTION/	7578
49 INFECTION CONTROL/	13392
50 ((wound? or incision\$) adj3 (infect\$ or sepsis or septic\$ or dehiscen\$)).tw.	15536
51 ((surger\$ or surgical\$) adj3 (infect\$ or sepsis or septic\$ or dehiscen\$)).tw.	9023
52 POSTOPERATIVE COMPLICATIONS/	226902
53 BACTERIAL INFECTION/pc	6597
54 or/45-53	281426
55 IRRIGATION/	12922
56 irrigat\$.tw.	12936
57 lavage.tw.	26824
58 (cleanse? or cleansing or rins\$ or wash\$).tw.	76264
59 or/55-58	118546
60 (abdom\$ or intraabdom\$ or introabdom\$).tw.	166789
61 ABDOMINAL CAVITY/	268
62 PERITONEAL CAVITY/	8053
63 (cavity or intracavity).tw.	69191
64 (peritoneal or peritoneum).tw.	66110
65 ((pelvis or pelvic) adj2 cavity).tw.	659
66 PELVIS/	11756
67 or/60-66	290724
68 and/54,59	4485
69 and/67-68	820
70 and/44,69	281
71 limit 70 to (english language and humans)	216

**EMBASE 1980 to 2008 Week 05**

#	Search history	Results
1	CLINICAL TRIALS/	490076
2	(clinic\$ adj5 trial\$).tw,sh.	115102
3	SINGLE BLIND PROCEDURE/	7329
4	DOUBLE BLIND PROCEDURE/	68037
5	RANDOM ALLOCATION/	24963
6	CROSSOVER PROCEDURE/	19892
7	PLACEBO/	109428
8	placebo\$.tw,sh.	159069

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#	Search history	Results
9	random\$.tw,sh.	397884
10	RANDOMIZED CONTROLLED TRIALS/	153884
11	((single or double or triple or treble) adj (blind\$ or mask\$)).tw,sh.	88826
12	randomi?ed control\$ trial\$.tw.	28371
13	or/1-12	805722
14	META ANALYSIS/	32844
15	((meta adj analy\$) or metaanalys\$ or meta-analy\$).tw,sh.	40821
16	(systematic\$ adj5 (review\$ or overview\$)).tw,sh.	23213
17	(methodologic\$ adj5 (review\$ or overview\$)).tw,sh.	1490
18	or/14-17	55477
19	review.pt.	854664
20	(medline or medlars or embase).ab.	20126
21	(scisearch or science citation index).ab.	582
22	(psychlit or psyclit or psychinfo or psycinfo or cinahl or cochrane).ab.	6422
23	((hand or manual\$) adj2 search\$).tw.	2328
24	(electronic database\$ or bibliographic database\$ or computeri?ed database\$ or online database\$).tw.	3683
25	(pooling or pooled or mantel haenszel).tw.	22808
26	(peto or dersimonian or "der simonian" or fixed effect).tw.	708
27	or/20-26	46909
28	19 and 27	15760
29	COMPARATIVE STUDY/	103601
30	(compar\$ adj5 stud\$).tw.	170856
31	CASE-CONTROL STUDY/	17387
32	RETROSPECTIVE STUDY/	86379
33	PROSPECTIVE STUDY/	72139
34	COHORT STUDY/	46749
35	(case\$ adj2 control\$).tw.	45393
36	or/29-35	471975
37	or/13,18,28,36	1199161
38	abstract report.tw,sh.	71202
39	note.tw,sh.	243616
40	short survey.tw,sh.	402001
41	letter.tw,sh.	393304
42	editorial.tw,sh.	245884
43	or/38-42	1344956
44	37 not 43	1104933
45	SURGICAL INFECTION/	3853
46	WOUND DEHISCENCE/	3202
47	WOUND INFECTION/	14109
48	POSTOPERATIVE INFECTION/	13994
49	((wound? or incision\$) adj5 (infect\$ or sepsis or septic\$ or dehiscen\$)).tw.	13546
50	((surger\$ or surgical\$) adj5 (infect\$ or sepsis or septic\$ or dehiscen\$)).tw.	11357

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# Search history	Results
51 (SSI or SSTI).tw.	1239
52 ((post operative\$ or postoperative\$ or post surgical\$ or postsurgical\$) adj3 (infect\$ or sepsis or septic\$)).tw.	6370
53 BACTERIAL INFECTION/pc	5068
54 SKIN INFECTION/pc	318
55 or/45-54	51476
56 exp LAVAGE/	27751
57 WOUND IRRIGATION/	597
58 irrigat\$.tw.	10351
59 lavage.tw.	23253
60 (cleanse? or cleansing or rins\$ or wash\$).tw.	61065
61 or/56-60	101869
62 PERITONEAL CAVITY/	4265
63 ABDOMEN/	5961
64 (abdom\$ or intraabdom\$ or introabdom\$).tw.	133031
65 (cavity or intracavity).tw.	49453
66 (peritoneal or peritoneum).tw.	52320
67 ((pelvis or pelvic) adj2 cavity).tw.	517
68 or/62-67	218218
69 and/55,61	1820
70 and/68-69	343
71 and/44,70	107
72 limit 71 to (human and english language)	87

#### CINAHL - Cumulative Index to Nursing & Allied Health Literature 1982 to December Week 1 2007

# Search history	Results
1 exp CLINICAL TRIALS/	50105
2 clinical trial.pt.	24633
3 (clinic\$ adj5 trial\$).tw,sh.	12795
4 SINGLE-BLIND STUDIES/	2554
5 DOUBLE-BLIND STUDIES/	9444
6 TRIPLE-BLIND STUDIES/	37
7 ((single or double or triple or treble) adj5 (blind\$ or mask\$)).tw,sh.	6949
8 RANDOM ASSIGNMENT/	16979
9 random\$.tw.	46842
10 RANDOMIZED CONTROLLED TRIALS/	38347
11 CLINICAL TRIALS/	38347
12 randomi?ed control\$ trial\$.tw.	10291
13 PLACEBOS/	3902
14 placebo\$.tw.	9720
15 or/1-14	83913
16 META ANALYSIS/	5947
17 ((meta adj analy\$) or metaanalys\$ or meta-analy\$).tw.	4215

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# Search history	Results
18 SYSTEMATIC REVIEW/	3456
19 systematic review.pt.	10264
20 (systematic\$ adj5 (review\$ or overview\$)).tw.	8021
21 LITERATURE REVIEW/	2503
22 or/16-21	19334
23 ("review" or "review studies" or "review academic" or "review tutorial").ti,ab,sh,pt.	100805
24 (medline or medlars or embase or cochrane or scisearch or psycinfo or psychinfo or psychlit or psyclit or "web of science" or "science citation").tw.	8521
25 ((hand or manual\$) adj2 search\$).tw.	960
26 (electronic database\$ or bibliographic database\$ or computerized database\$ or online database\$).tw.	1557
27 (pooling or pooled or mantel haenszel).tw.	2264
28 (peto or dersimonian or "der simonian" or fixed effect).tw.	393
29 or/24-28	11039
30 and/23,29	6430
31 COMPARATIVE STUDIES/	43115
32 (compar\$ adj5 stud\$).tw.	15772
33 CASE-CONTROL STUDIES/	12857
34 (case\$ adj2 control\$).ti,ab.	4184
35 RETROSPECTIVE DESIGN/	25599
36 exp PROSPECTIVE STUDIES/	62687
37 RETROSPECTIVE PANEL STUDIES/	39
38 PRETEST-POSTTEST DESIGN/	10765
39 CROSS SECTIONAL STUDIES/	22209
40 or/31-39	156561
41 or/15,22,30,40	225462
42 letter.pt.	49691
43 commentary.pt.	70142
44 editorial.pt.	79891
45 or/42-44	163544
46 41 not 45	209948
47 SURGICAL WOUND INFECTION/	2018
48 SURGICAL WOUND DEHISCENCE/	217
49 (SSI or SSTI).tw.	455
50 ((wound? or incision\$) adj3 (infect\$ or sepsis or septic\$ or dehiscen\$)).tw.	1333
51 ((surger\$ or surgical\$) adj3 (infect\$ or sepsis or septic\$ or dehiscen\$)).tw.	1024
52 ((post operative\$ or post surgical\$) adj3 (infect\$ or sepsis or septic\$)).tw.	59
53 WOUND INFECTION/	1395
54 INFECTION CONTROL/	10095
55 BACTERIAL INFECTION/pc	363
56 or/47-55	14522
57 IRRIGATION/	1091
58 irrigat\$.tw.	548
59 lavage.tw.	727

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# Search history	Results
60 (cleanse? or cleansing or rins\$ or wash\$).tw.	7151
61 or/57-60	8959
62 ABDOMEN/	1239
63 PERITONEUM/	154
64 PELVIS/	892
65 (abdom\$ or intraabdom\$ or introabdom\$).tw.	6417
66 (cavity or intracavity).tw.	1526
67 (peritoneal or peritoneum).tw.	1229
68 ((pelvis or pelvic) adj2 cavity).tw.	5
69 or/62-68	10169
70 and/56,61	523
71 and/69-70	13
72 and/46,71	4
73 limit 72 to english	4

## SSI\_intracavity\_lavage\_economics\_medline\_060208

### Ovid MEDLINE(R) 1950 to January Week 4 2008

# Search history	Results
1 ECONOMICS/	24893
2 "COSTS AND COST ANALYSIS"/	35845
3 COST ALLOCATION/	1823
4 COST-BENEFIT ANALYSIS/	41665
5 COST CONTROL/	17404
6 COST SAVINGS/	5861
7 COST OF ILLNESS/	9950
8 COST SHARING/	1338
9 HEALTH CARE COSTS/	16058
10 DIRECT SERVICE COSTS/	823
11 DRUG COSTS/	8277
12 EMPLOYER HEALTH COSTS/	979
13 HOSPITAL COSTS/	5422
14 HEALTH RESOURCES/	6058
15 "HEALTH SERVICES NEEDS AND DEMAND"/	27941
16 HEALTH PRIORITIES/	6474
17 HEALTH EXPENDITURES/	9733
18 CAPITAL EXPENDITURES/	1807
19 FINANCIAL MANAGEMENT/	14210
20 FINANCIAL MANAGEMENT, HOSPITAL/	6806
21 QUALITY-ADJUSTED LIFE YEARS/	3216
22 "DEDUCTIBLES AND COINSURANCE"/	1149
23 MEDICAL SAVINGS ACCOUNTS/	377

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#	Search history	Results
24	ECONOMICS, HOSPITAL/	8292
25	ECONOMICS, MEDICAL/	6758
26	ECONOMICS, NURSING/	3755
27	ECONOMICS, PHARMACEUTICAL/	1847
28	MODELS, ECONOMIC/	2985
29	MODELS, ECONOMETRIC/	2638
30	RESOURCE ALLOCATION/	5750
31	HEALTH CARE RATIONING/	8682
32	"FEES AND CHARGES"/	7180
33	BUDGETS/	7488
34	VALUE OF LIFE/	4882
35	(financ\$ or fiscal\$ or funding).tw.	51572
36	(QALY\$ or life?year\$).tw.	1899
37	(econom\$ or cost\$).tw.	267941
38	pharmacoeconomic\$.tw.	1819
39	ec.fs.	233815
40	or/1-39	539034
41	SURGICAL WOUND INFECTION/	22023
42	SURGICAL WOUND DEHISCENCE/	4693
43	(SSI or SSTI).tw.	1645
44	WOUND INFECTION/	7578
45	INFECTION CONTROL/	13392
46	((wound? or incision\$) adj3 (infect\$ or sepsis or septic\$ or dehiscen\$)).tw.	15536
47	((surger\$ or surgical\$) adj3 (infect\$ or sepsis or septic\$ or dehiscen\$)).tw.	9023
48	POSTOPERATIVE COMPLICATIONS/	226902
49	BACTERIAL INFECTION/pc	6597
50	or/41-49	281426
51	IRRIGATION/	12922
52	irrigat\$.tw.	12936
53	lavage.tw.	26824
54	(cleanse? or cleansing or rins\$ or wash\$).tw.	76264
55	or/51-54	118546
56	(abdom\$ or intraabdom\$ or introabdom\$).tw.	166789
57	ABDOMINAL CAVITY/	268
58	PERITONEAL CAVITY/	8053
59	(cavity or intracavity).tw.	69191
60	(peritoneal or peritoneum).tw.	66110
61	((pelvis or pelvic) adj2 cavity).tw.	659
62	PELVIS/	11756
63	or/56-62	290724
64	and/50,55	4485
65	and/63-64	820
66	and/40,65	35

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# Search history	Results
67 limit 66 to english language	27

**EMBASE 1980 to 2008 Week 05**

# Search history	Results
1 ECONOMICS/	5497
2 HEALTH ECONOMICS/	9803
3 ECONOMIC EVALUATION/	3989
4 COST BENEFIT ANALYSIS/	27844
5 COST CONTROL/	16071
6 COST EFFECTIVENESS ANALYSIS/	52668
7 COST MINIMIZATION ANALYSIS/	1280
8 COST OF ILLNESS/	4340
9 COST UTILITY ANALYSIS/	2141
10 COST/	19717
11 HEALTH CARE COST/	57033
12 DRUG COST/	32245
13 HEALTH CARE FINANCING/	8963
14 HOSPITAL COST/	6079
15 SOCIOECONOMICS/	28931
16 ECONOMIC ASPECT/	69016
17 QUALITY-ADJUSTED LIFE YEARS/	3442
18 FINANCIAL MANAGEMENT/	21981
19 PHARMACOECONOMICS/	906
20 RESOURCE ALLOCATION/	7071
21 (financ\$ or fiscal\$ or funding).tw.	36992
22 (QALY\$ or life?year\$).tw.	1858
23 (econom\$ or cost\$).tw.	221195
24 pharmaco-economic\$.tw.	2500
25 or/1-24	395661
26 SURGICAL INFECTION/	3853
27 WOUND DEHISCENCE/	3202
28 WOUND INFECTION/	14109
29 POSTOPERATIVE INFECTION/	13994
30 ((wound? or incision\$) adj5 (infect\$ or sepsis or septic\$ or dehiscen\$)).tw.	13546
31 ((surger\$ or surgical\$) adj5 (infect\$ or sepsis or septic\$ or dehiscen\$)).tw.	11357
32 (SSI or SSTI).tw.	1239
33 ((post operative\$ or postoperative\$ or post surgical\$ or postsurgical\$) adj3 (infect\$ or sepsis or septic\$)).tw.	6370
34 BACTERIAL INFECTION/pc	5068
35 SKIN INFECTION/pc	318
36 or/26-35	51476
37 exp LAVAGE/	27751
38 WOUND IRRIGATION/	597

## Surgical site infection

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#	Search history	Results
39	irrigat\$.tw.	10351
40	lavage.tw.	23253
41	(cleanse? or cleansing or rins\$ or wash\$.tw.	61065
42	or/37-41	101869
43	PERITONEAL CAVITY/	4265
44	ABDOMEN/	5961
45	(abdom\$ or intraabdom\$ or introabdom\$.tw.	133031
46	(cavity or intracavity).tw.	49453
47	(peritoneal or peritoneum).tw.	52320
48	((pelvis or pelvic) adj2 cavity).tw.	517
49	or/43-48	218218
50	and/36,42	1820
51	and/49-50	343
52	and/25,51	25
53	limit 52 to english language	19

## HTA/EED

#	Search history	Results
1	SURGICAL WOUND INFECTION/	51
2	SURGICAL WOUND DEHISCENCE/	3
3	(SSI or SSTI).tw.	4
4	WOUND INFECTION/	11
5	INFECTION CONTROL/	91
6	((wound? or incision\$) adj3 (infect\$ or sepsis or septic\$ or dehiscen\$)).tw.	137
7	((surger\$ or surgical\$) adj3 (infect\$ or sepsis or septic\$ or dehiscen\$)).tw.	72
8	POSTOPERATIVE COMPLICATIONS/	305
9	BACTERIAL INFECTION/pc	14
10	or/1-9	524
11	IRRIGATION/	12
12	irrigat\$.tw.	23
13	lavage.tw.	23
14	(cleanse? or cleansing or rins\$ or wash\$.tw.	142
15	or/11-14	180
16	(abdom\$ or intraabdom\$ or introabdom\$.tw.	330
17	ABDOMINAL CAVITY/	0
18	PERITONEAL CAVITY/	0
19	(cavity or intracavity).tw.	16
20	(peritoneal or peritoneum).tw.	77
21	((pelvis or pelvic) adj2 cavity).tw.	0
22	PELVIS/	4
23	or/16-22	413
24	and/10,15	12
25	and/23-24	1

**SSI\_info\_experiences\_QOL\_medline\_060308****Ovid MEDLINE(R) 1950 to February Week 3 2008**

<b>Search history</b>	<b>Results</b>
SURGICAL WOUND INFECTION/	22108
SURGICAL WOUND DEHISCENCE/	4723
(SSI or SSTI).tw.	1656
WOUND INFECTION/	7615
((wound? or incision\$) adj3 (infect\$ or sepsis or septic\$ or dehiscen\$)).tw.	15644
((surger\$ or surgical\$) adj3 (infect\$ or sepsis or septic\$ or dehiscen\$)).tw.	9097
or/1-6	47583
PATIENT ACCEPTANCE OF HEALTH CARE/	19106
ATTITUDE TO HEALTH/	54510
HEALTH EDUCATION/	42716
PATIENT EDUCATION AS TOPIC/	50402
(patient? adj3 (view? or experience?)).tw.	48532
(patient? adj3 (information or knowledge\$ or aware\$)).tw.	22482
(patient adj3 (perception? or expect\$ or belief? or believ\$)).tw.	4567
PROFESSIONAL-PATIENT RELATIONS/	15486
PHYSICIAN-PATIENT RELATIONS/	45738
NURSE-PATIENT RELATIONS/	23753
HOSPITAL-PATIENT RELATIONS/	1709
PATIENT COMPLIANCE/	33306
TREATMENT REFUSAL/	8662
(patient? adj3 (complan\$ or refus\$ or non complian\$ or noncomplan\$)).tw.	13773
PATIENT PARTICIPATION/	12061
(satisfaction or satisfied).tw.	52190
QUALITY OF LIFE/	65164
QOL.tw.	7907
quality of life.tw.	67569
HRQOL.tw.	2417
health related quality of life.tw.	8645
EUROQOL.tw.	774
QUALITY-ADJUSTED LIFE YEARS/	3255
quality adjusted life year?.tw.	2270
QALY?.tw.	1880
disability adjusted life year?.tw.	424
DALY?.tw.	490
or/8-34	461389
and/7,35	1553
(letter or comment or editorial).pt.	873502
(diabet\$ adj2 ulcer\$).ti.	640
chronic wound?.ti.	481
or/37-39	874532
36 not 40	1540
limit 41 to yr="2005 - 2008"	393
limit 42 to (english language and humans)	342

**EMBASE < 1980 to 2008 Week 09 >**

<b>Search history</b>	<b>Results</b>
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## Surgical site infection

SURGICAL INFECTION/	3896
WOUND DEHISCENCE/	3226
((wound? or incision\$) adj5 (infect\$ or sepsis or septic\$ or dehiscen\$)).tw.	13618
((surger\$ or surgical\$) adj5 (infect\$ or sepsis or septic\$ or dehiscen\$)).tw.	11417
(SSI or SSTI).tw.	1249
((post operative\$ or postoperative\$ or post surgical\$ or postsurgical\$) adj3 (infect\$ or sepsis or septic\$)).tw.	6394
or/1-6	31280
PATIENT ATTITUDE/	18692
PATIENT EDUCATION/	25072
(patient? adj3 (view? or experience?)).tw.	43741
(patient? adj3 (information or knowledge\$ or aware\$)).tw.	18882
(patient adj3 (perception? or expect\$ or belief? or believ\$)).tw.	3786
DOCTOR PATIENT RELATION/	26875
NURSE PATIENT RELATION/	967
PATIENT COMPLIANCE/	42129
TREATMENT REFUSAL/	1525
((patient? or treatment or therap\$) adj3 (complian\$ or refus\$ or non complian\$ or noncomplian\$)).tw.	18402
PATIENT PARTICIPATION/	2096
(satisfaction or satisfied).tw.	42032
"QUALITY OF LIFE"/	84529
QOL.tw.	7692
quality of life.tw.	64845
health related quality of life.tw.	8351
EUROQOL.tw.	784
QUALITY-ADJUSTED LIFE YEAR/	3494
26 quality adjusted life year?.tw.	2244
QALY?.tw.	1855
disability adjusted life year?.tw.	382
DALY?.tw.	420
or/8-29	293375
and/7,30	1725
(letter or comment or editorial).tw,sh.	649309
(note or short survey or abstract report).tw,sh.	717598
(diabet\$ adj2 ulcer\$).ti.	553
chronic wound?.ti.	339
or/32-35	1356841
31 not 36	1663
limit 37 to yr = "2005 - 2008"	562
limit 38 to (human and english language)	488

## CINAHL - Cumulative Index to Nursing & Allied Health Literature < 1982 to February Week 5 2008 >

Search history	Results
SURGICAL WOUND INFECTION/	2163
SURGICAL WOUND DEHISCENCE/	234
(SSI or SSTI).tw.	473
((wound? or incision\$) adj3 (infect\$ or sepsis or septic\$ or dehiscen\$)).tw.	1431
((surger\$ or surgical\$) adj3 (infect\$ or sepsis or septic\$ or dehiscen\$)).tw.	1084
((post operative\$ or post surgical\$) adj3 (infect\$ or sepsis or septic\$)).tw.	65
WOUND INFECTION/	1440
INFECTION CONTROL/	10375
BACTERIAL INFECTION/pc	402

<b>Search history</b>	<b>Results</b>
SURGICAL WOUND INFECTION/ or/1-9	2163 15104
ATTITUDE TO HEALTH/ HEALTH EDUCATION/ (patient? adj3 (view? or experience?)).tw. (patient? adj3 (information or knowledge\$ or aware\$)).tw. (patient adj3 (perception? or expect\$ or belief? or believ\$)).tw.	7863 7717 7375 5758 1346
PROFESSIONAL-PATIENT RELATIONS/ PHYSICIAN-PATIENT RELATIONS/ NURSE-PATIENT RELATIONS/ PATIENT COMPLIANCE/ TREATMENT REFUSAL/ (patient? adj3 (complian\$ or refus\$ or non complian\$ or noncomplian\$)).tw.	8924 7201 11575 8130 1927 2044
PATIENT PARTICIPATION/ (satisfaction or satisfied).tw. QUALITY OF LIFE/ QOL.tw. quality of life.tw. HRQOL.tw. health related quality of life.tw. EUROQOL.tw. QUALITY-ADJUSTED LIFE YEARS/ quality adjusted life year?.tw. QALY?.tw. disability adjusted life year?.tw. DALY?.tw. or/11-34 and/10,35 (letter or comment or editorial).pt. (diabet\$ adj2 ulcer\$).ti. chronic wound?.ti. or/37-39 36 not 40 limit 41 to yr = "2005 - 2008" limit 42 to english	5022 18517 17931 1925 18364 685 2458 460 0 381 275 58 106 105102 474 137129 438 400 137929 461 169 165

## **SSI\_risk\_factors\_medline\_120308**

### **Ovid MEDLINE(R) 1950 to February Week 4 2008**

<b># Search history</b>	<b>Results</b>
1 exp EPIDEMIOLOGIC STUDIES/ 2 exp LONGITUDINAL STUDIES/ 3 CASE-CONTROL STUDIES/ 4 RETROSPECTIVE STUDIES/ 5 observational stud\$.ti,ab. 6 COHORT STUDIES/ 7 (case\$ adj2 control\$).ti,ab. 8 (cohort adj3 stud\$).ti,ab. 9 or/1-8	1021987 594694 94548 287075 15926 81668 49334 40453 1050612

## Surgical site infection

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# Search history	Results
10 letter.pt.	609633
11 comment.pt.	346328
12 editorial.pt.	213741
13 historical article.pt.	244250
14 or/10-13	1107938
15 9 not 14	1023357
16 SURGICAL WOUND INFECTION/	22122
17 SURGICAL WOUND DEHISCENCE/	4730
18 (SSI or SSTI).ti,ab.	1656
19 WOUND INFECTION/	7617
20 INFECTION CONTROL/	13530
21 ((wound? or incision\$) adj3 (infect\$ or sepsis or septic\$ or dehiscen\$)).ti,ab.	15660
22 ((surger\$ or surgical\$) adj3 (infect\$ or sepsis or septic\$ or dehiscen\$)).ti,ab.	9113
23 ((post operative\$ or postoperative\$) adj3 (infect\$ or sepsis or septic\$ or dehiscen\$)).ti,ab.	7588
24 BACTERIAL INFECTION/pc	6644
25 or/16-24	68955
26 RISK FACTORS/	339476
27 (risk\$ adj3 factor?).ti,ab.	187673
28 COMORBIDITY/	33159
29 (comorbid\$ or co morbid\$).ti,ab.	31693
30 exp OBESITY/	83844
31 (obes\$ or overweight).ti,ab.	93927
32 exp SMOKING/	86892
33 smoker?.ti,ab.	36027
34 ((operation? or surger\$) adj2 (length or long)).ti,ab.	2396
35 ISCHEMIA/	35041
36 DIABETES MELLITUS/	69372
37 DIABETES MELLITUS, TYPE 1/	46526
38 DIABETES MELLITUS, TYPE 2/	47555
39 (diabetes or diabetic?).ti,ab.	247696
40 or/26-39	872023
41 SURGICAL PROCEDURES, OPERATIVE/	43282
42 (patient? adj3 (surger\$ or surgical)).ti,ab.	99772
43 (procedure? adj3 (surger\$ or surgical or operative)).ti,ab.	57362
44 or/41-43	186554
45 and/25,40	9026
46 and/44-45	1648
47 and/15,46	876
48 ((diabet\$ or chronic) adj3 (wound? or ulcer?)).ti.	3104
49 47 not 48	875
50 limit 49 to (english language and humans)	740

**EMBASE 1980 to 2008 Week 10**

#	Search history	Results
1	EPIDEMIOLOGY/	69454
2	OBSERVATIONAL STUDY/	5339
3	(observational adj2 stud\$.ti,ab.	18547
4	CASE-CONTROL STUDY/	17626
5	RETROSPECTIVE STUDY/	87439
6	PROSPECTIVE STUDY/	73029
7	COHORT STUDY/	47452
8	(case\$ adj2 control\$.tw.	45906
9	or/1-8	317658
10	abstract report.tw,sh.	71202
11	note.tw,sh.	245412
12	short survey.tw,sh.	403456
13	letter.tw,sh.	396991
14	editorial.tw,sh.	248111
15	or/10-14	1354045
16	9 not 15	291188
17	SURGICAL INFECTION/	3911
18	WOUND DEHISCENCE/	3234
19	WOUND INFECTION/	14233
20	POSTOPERATIVE INFECTION/	14105
21	((wound? or incision\$) adj5 (infect\$ or sepsis or septic\$ or dehiscen\$)).tw.	13633
22	((surger\$ or surgical\$) adj5 (infect\$ or sepsis or septic\$ or dehiscen\$)).tw.	11438
23	(SSI or SSTI).tw.	1252
24	((post operative\$ or postoperative\$ or post surgical\$ or postsurgical\$) adj3 (infect\$ or sepsis or septic\$)).tw.	6400
25	BACTERIAL INFECTION/pc	5107
26	SKIN INFECTION/pc	321
27	or/17-26	51892
28	RISK FACTOR/	218612
29	(risk\$ adj3 factor?).ti,ab.	173161
30	COMORBIDITY/	45035
31	(comorbid\$ or co morbid\$.ti,ab.	32690
32	OBESITY/	77858
33	(obes\$ or overweight).ti,ab.	77273
34	SMOKING/	50710
35	smoker?.ti,ab.	31542
36	((operation? or surger\$) adj2 (length or long)).ti,ab.	2219
37	ISCHEMIA/	18248
38	(diabetes or diabetic?).ti,ab.	205004
39	or/28-38	630758
40	SURGICAL TECHNIQUE/	178952
41	POSTOPERATIVE PERIOD/	62310

## Surgical site infection

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#	Search history	Results
42	(patient? adj3 (surger\$ or surgical)).ti,ab.	85546
43	(procedure? adj3 (surger\$ or surgical or operative)).ti,ab.	47163
44	or/40-43	323413
45	and/27,39	6938
46	and/44-45	2528
47	and/16,46	599
48	limit 47 to (human and english language)	555

## CINAHL - Cumulative Index to Nursing & Allied Health Literature 1982 to February Week 5 2008

#	Search history	Results
1	NONEXPERIMENTAL STUDIES/	4045
2	CORRELATIONAL STUDIES/	8066
3	EPIDEMIOLOGIC RESEARCH/	12638
4	CASE-CONTROL STUDIES/	14042
5	(case\$ adj2 control\$).ti,ab.	4544
6	RETROSPECTIVE DESIGN/	28608
7	exp PROSPECTIVE STUDIES/	69101
8	RETROSPECTIVE PANEL STUDIES/	39
9	CROSS SECTIONAL STUDIES/	23621
10	or/1-9	138216
11	letter.pt.	54191
12	commentary.pt.	74822
13	editorial.pt.	82994
14	or/11-13	172561
15	10 not 14	132056
16	SURGICAL WOUND INFECTION/	2163
17	SURGICAL WOUND DEHISCENCE/	234
18	(SSI or SSTI).tw.	473
19	((wound? or incision\$) adj3 (infect\$ or sepsis or septic\$ or dehiscen\$)).tw.	1431
20	((surger\$ or surgical\$) adj3 (infect\$ or sepsis or septic\$ or dehiscen\$)).tw.	1084
21	((post operative\$ or post surgical\$) adj3 (infect\$ or sepsis or septic\$)).tw.	65
22	WOUND INFECTION/	1440
23	INFECTION CONTROL/	10375
24	BACTERIAL INFECTION/pc	402
25	or/16-24	15104
26	RISK FACTORS/	26705
27	(risk\$ adj3 factor?).ti,ab.	23728
28	COMORBIDITY/	8038
29	(comorbid\$ or co morbid\$).ti,ab.	5799
30	exp OBESITY/	13151
31	(obes\$ or overweight).ti,ab.	11299
32	exp SMOKING/	15915
33	smoker?.ti,ab.	4323

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34 ((operation? or surger\$) adj2 (length or long)).ti,ab.	144
35 ISCHEMIA/	1072
36 DIABETES MELLITUS/	13323
37 (diabetes or diabetic?).ti,ab.	29967
38 or/26-37	108348
39 SURGERY, OPERATIVE/	3150
40 SURGICAL PATIENTS/	2828
41 (patient? adj3 (surger\$ or surgical)).ti,ab.	7472
42 (procedure? adj3 (surger\$ or surgical or operative)).ti,ab.	3492
43 or/39-42	14867
44 and/25,38	1606
45 and/43-44	242
46 and/15,45	151
47 ((diabet\$ or chronic) adj3 (wound? or ulcer?)).ti.	1158
48 46 not 47	150
49 limit 48 to english	139

Other NICE guidelines produced by the National Collaborating Centre for Women's and Children's Health include:

- Antenatal care: routine care for the healthy pregnant woman
- Fertility: assessment and treatment for people with fertility problems
- Caesarean section
- Type 1 diabetes: diagnosis and management of type 1 diabetes in children and young people
- Long-acting reversible contraception: the effective and appropriate use of long-acting reversible contraception
- Urinary incontinence: the management of urinary incontinence in women
- Heavy menstrual bleeding
- Feverish illness in children: assessment and initial management in children younger than 5 years
- Urinary tract infection in children: diagnosis, treatment and long-term management
- Intrapartum care: care of healthy women and their babies during childbirth
- Atopic eczema in children: management of atopic eczema in children from birth up to the age of 12 years
- Surgical management of otitis media with effusion in children
- Diabetes in pregnancy: management of diabetes and its complications from preconception to the postnatal period
- Induction of labour

Guidelines in production include:

- Diarrhoea and vomiting in children under 5
- When to suspect child maltreatment
- Hypertensive disorders in pregnancy
- Neonatal jaundice
- Constipation in children
- Bacterial meningitis and meningococcal septicaemia in children
- Pregnant women with complex social factors
- Autism in children and adolescents
- Multiple pregnancy

Enquiries regarding the above guidelines can be addressed to:

**National Collaborating Centre for Women's and Children's Health**

King's Court  
Fourth Floor  
2-16 Goodge Street  
London  
W1T 2QA  
enquiries@ncc-wch.org.uk

A version of this guideline for patients, carers and the public is available from the NICE website ([www.nice.org.uk/CG074](http://www.nice.org.uk/CG074)) or from NICE publications on 0845 003 7783; quote reference number N1702.

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