

**Appendix A**

**Search Strategies**

**Question: Recognizing jaundice and predicting hyperbilirubinaemia**

**Ovid MEDLINE 1950 to April Week 2 2008**

JAUN\_recognise\_predict\_medline\_230408

#	Searches	Results
1	INFANT, PREMATURE/ preterm\$.tw.	31751 28005
3	INFANT, NEWBORN/ (newborn\$ or neonate\$).tw.	412490 134938
5	BLOOD GROUP INCOMPATIBILITY/ GLUCOSEPHOSPHATE DEHYDROGENASE DEFICIENCY/ or/1-6	4748 3708 475270
8	HYPERBILIRUBINEMIA/ HYPERBILIRUBINEMIA, NEONATAL/ hyperbilirubin?emia\$.ti. bilirubin?emia\$.ti.	3350 139 2141 148
12	((bilirubin\$ or hyperbilirubin\$) adj3 encephalopath\$).tw. exp JAUNDICE/ jaundice\$.ti.	273 9646 9495
15	KERNICTERUS/ kernicterus\$.ti. or/8-16	876 358 19912
18	DIAGNOSIS/ (prediction or predicting or recogniz\$ or detection).ti. history.ti.	15621 179778 47128
21	PHYSICAL EXAMINATION/ ((clinical\$ or visual\$ or physical\$) adj3 examin\$).tw. SKIN PIGMENTATION/ ((skin or urine or stool\$) adj3 colo?r\$).tw. (urine or stool\$) adj3 examin\$).tw.	23129 72628 3966 2521 3883
26	BILIRUBIN/bl [Blood]	11105
27	UMBILICAL CORD/ FETAL BLOOD/ BLOOD GROUP ANTIGENS/	7145 20781 14212

DRAFT FOR CONSULTATION

30	COOMBS' TEST/	3929
31	((coomb\$ or antiglobulin\$) adj3 test\$).tw.	2462
32	((cord or fetal or foetal or fetus or foetus) adj3 blood\$).tw.	19944
33	transcutaneous\$.tw.	8166
34	bilirubinomet\$.tw.	140
35	icteromet\$.tw.	29
36	(jaundice?met\$ or jaundice met\$).tw.	130
37	CARBON MONOXIDE/	11864
38	end tidal.tw.	5796
39	etco.tw.	141
40	NOMOGRAMS/	310
41	nomogram\$.tw.	2996
42	(bilirubin\$ adj3 percentile\$).tw.	9
43	(hour\$ adj3 bilirubin\$).tw.	81
44	RISK ASSESSMENT/	89761
45	(risk\$ adj3 (assess\$ or index or model\$)).tw.	37348
46	(total adj3 serum adj3 bilirubin\$).tw.	1227
47	(serum adj3 bilirubin\$ adj3 level\$).tw.	1785
48	tsb.tw.	489
49	or/18-48	541944
50	and/7,17,49	1741

1  
2  
3  
4  
5  
6  
7

**EBM Reviews - Cochrane Central Register of Controlled Trials  
1st Quarter 2008**

JAUN\_recognise\_predict\_cctr\_230408

#	Searches	Results
1	INFANT, PREMATURE/	1658
2	preterm\$.tw.	3020
3	INFANT, NEWBORN/	8235
4	(newborn\$ or neonate\$).tw.	4126
5	BLOOD GROUP INCOMPATIBILITY/	41
6	GLUCOSEPHOSPHATE DEHYDROGENASE DEFICIENCY/	25
7	or/1-6	11232
8	HYPERBILIRUBINEMIA/	58
9	HYPERBILIRUBINEMIA, NEONATAL/	6
10	hyperbilirubin?emia\$.ti.	146
11	bilirubin?emia\$.ti.	4

DRAFT FOR CONSULTATION

12 ((bilirubin\$ or hyperbilirubin\$) adj3 encephalopath\$).tw.	9
13 exp JAUNDICE/	245
14 jaundice\$.ti.	191
15 KERNICTERUS/	2
16 kernicterus\$.ti.	3
17 or/8-16	525
18 DIAGNOSIS/	26
19 (prediction or predicting or recogniz\$ or detection).ti.	2758
20 history.ti.	707
21 PHYSICAL EXAMINATION/	482
22 ((clinical\$ or visual\$ or physical\$) adj3 examin\$).tw.	4706
23 SKIN PIGMENTATION/	106
24 ((skin or urine or stool\$) adj3 colo?r\$).tw.	133
25 ((urine or stool\$) adj3 examin\$).tw.	223
26 BILIRUBIN/bi [Blood]	472
27 UMBILICAL CORD/	109
28 FETAL BLOOD/	398
29 BLOOD GROUP ANTIGENS/	14
30 COOMBS' TEST/	17
31 ((coomb\$ or antiglobulin\$) adj3 test\$).tw.	31
32 ((cord or fetal or foetal or fetus or foetus) adj3 blood\$).tw.	548
33 transcutaneous\$.tw.	1256
34 bilirubinomet\$.tw.	6
35 icteromet\$.tw.	0
36 (jaundice?met\$ or jaundice met\$).tw.	17
37 CARBON MONOXIDE/	258
38 end tidal.tw.	1265
39 etco.tw.	34
40 NOMOGRAMS/	4
41 nomogram\$.tw.	143
42 (bilirubin\$ adj3 percentile\$).tw.	0
43 (hour\$ adj3 bilirubin\$).tw.	24
44 RISK ASSESSMENT/	2723
45 (risk\$ adj3 (assess\$ or index or model\$)).tw.	1532
46 (total adj3 serum adj3 bilirubin\$).tw.	104
47 (serum adj3 bilirubin\$ adj3 level\$).tw.	176
48 tsb.tw.	22
49 or/18-48	17006

50 and/7,17,49 134

1  
2  
3  
4  
5  
6

**CDSR, DARE**

JAUN\_recognise\_predict\_cdsrdare\_230408

#	Searches	Results
1	INFANT, PREMATURE.kw.	181
2	preterm\$.tw.	519
3	INFANT, NEWBORN\$.kw.	541
4	(newborn\$ or neonate\$).tw.	890
5	BLOOD GROUP INCOMPATIBILIT\$.kw.	5
6	GLUCOSEPHOSPHATE DEHYDROGENASE DEFICIENC\$.kw.	0
7	or/1-6	1028
8	HYPERBILIRUBINEMIA.kw.	3
9	HYPERBILIRUBINEMIA, NEONATAL.kw.	1
10	hyperbilirubin?emia\$.ti.	2
11	bilirubin?emia\$.ti.	0
12	((bilirubin\$ or hyperbilirubin\$) adj3 encephalopath\$).tw.	5
13	JAUNDICE.kw.	13
14	jaundice\$.ti.	10
15	KERNICTERUS.kw.	1
16	kernicterus\$.ti.	0
17	or/8-16	18
18	DIAGNOSIS.kw.	821
19	(prediction or predicting or recogniz\$ or detection).ti.	69
20	history.ti.	22
21	PHYSICAL EXAMINATION\$.kw.	56
22	((clinical\$ or visual\$ or physical\$) adj3 examin\$).tw.	931
23	SKIN PIGMENTATION.kw.	3
24	((skin or urine or stool\$) adj3 colo?r\$).tw.	25
25	((urine or stool\$) adj3 examin\$).tw.	13
26	BILIRUBIN.kw.	4
27	UMBILICAL CORD.kw.	7
28	FETAL BLOOD.kw.	2
29	BLOOD GROUP ANTIGEN\$.kw.	0
30	COOMBS' TEST.kw.	0
31	((coomb\$ or antiglobulin\$) adj3 test\$).tw.	4

DRAFT FOR CONSULTATION

32	((cord or fetal or foetal or fetus or foetus) adj3 blood\$.tw.	121
33	transcutaneous\$.tw.	195
34	bilirubinomet\$.tw.	0
35	icteromet\$.tw.	0
36	(jaundice?met\$ or jaundice met\$).tw.	1
37	CARBON MONOXIDE.kw.	5
38	end tidal.tw.	10
39	etco.tw.	1
40	NOMOGRAM\$.kw.	0
41	nomogram\$.tw.	6
42	(bilirubin\$ adj3 percentile\$).tw.	0
43	(hour\$ adj3 bilirubin\$).tw.	2
44	RISK ASSESSMENT\$.kw.	213
45	(risk\$ adj3 (assess\$ or index or model\$)).tw.	1095
46	(total adj3 serum adj3 bilirubin\$).tw.	13
47	(serum adj3 bilirubin\$ adj3 level\$).tw.	21
48	tsb.tw.	1
49	or/18-48	2884
50	and/7,17,49	9

1  
2  
3  
4  
5  
6

**EMBASE 1980 to 2008 Week 16**

JAUN\_recognise\_predict\_embase\_230408

#	Searches	Results
1	PREMATURITY/	27937
2	preterm\$.tw.	25261
3	NEWBORN/	174081
4	(newborn\$ or neonate\$).tw.	94136
5	exp BLOOD GROUP INCOMPATIBILITY/	2541
6	GLUCOSE 6 PHOSPHATE DEHYDROGENASE DEFICIENCY/	1474
7	or/1-6	235354
8	HYPERBILIRUBINEMIA/	5333
9	hyperbilirubin?emia\$.ti.	1025
10	bilirubin?emia\$.ti.	15
11	((bilirubin\$ or hyperbilirubin\$) adj3 encephalopath\$).tw.	237
12	JAUNDICE/	9237

DRAFT FOR CONSULTATION

13 NEWBORN JAUNDICE/	1660
14 jaundice\$.ti.	3561
15 KERNICTERUS/	683
16 kernicterus\$.ti.	146
17 or/8-16	17140
18 DIAGNOSIS/	465073
19 (prediction or predicting or recogniz\$ or detection).ti.	141323
20 HISTORY/	16157
21 FAMILY HISTORY/	24813
22 history.ti.	24050
23 PHYSICAL EXAMINATION/	56183
24 ((clinical\$ or visual\$ or physical\$) adj3 examin\$).tw.	60247
25 SKIN PIGMENTATION/	4446
26 ((skin or urine or stool\$) adj3 colo?r\$).tw.	2234
27 ((urine or stool\$) adj3 examin\$).tw.	2748
28 BLOOD LEVEL/	36543
29 BILIRUBIN BLOOD LEVEL/	6158
30 CORD SERUM/	234
31 UMBILICAL CORD BLOOD/	9443
32 FETUS BLOOD/	1630
33 BLOOD GROUP/	1596
34 COOMBS TEST/	1552
35 ((coomb\$ or antiglobulin\$) adj3 test\$).tw.	1598
36 ((cord or fetal or foetal or fetus or foetus) adj3 blood\$).tw.	16636
37 transcutaneous\$.tw.	6774
38 bilirubinomet\$.tw.	109
39 icteromet\$.tw.	11
40 (jaundice?met\$ or jaundice met\$).tw.	118
41 CARBON MONOXIDE/	12990
42 end tidal.tw.	5299
43 etco.tw.	52
44 NOMOGRAM/	1225
45 nomogram\$.tw.	2280
46 (bilirubin\$ adj3 percentile\$).tw.	8
47 (hour\$ adj3 bilirubin\$).tw.	61
48 RISK ASSESSMENT/	163822
49 (risk\$ adj3 (assess\$ or index or model\$)).tw.	35319
50 NEWBORN ASSESSMENT/	114

51 (total adj3 serum adj3 bilirubin\$).tw.	1120
52 (serum adj3 bilirubin\$ adj3 level\$).tw.	1512
53 tsb.tw.	363
54 or/18-53	1010463
55 and/7,17,54	1537

1  
2  
3  
4  
5  
6  
7  
8

**CINAHL - Cumulative Index to Nursing & Allied Health Literature 1982 to April Week 3 2008**

JAUN\_recognise\_predict\_cinahl\_230408

#	Searches	Results
1	INFANT, PREMATURE/	5759
2	preterm\$.tw.	4893
3	INFANT, NEWBORN/	36675
4	(newborn\$ or neonate\$).tw.	9202
5	BLOOD GROUP INCOMPATIBILITY/	154
6	(glucose\$ adj5 deficien\$).tw.	73
7	or/1-6	41328
8	HYPERBILIRUBINEMIA/	200
9	hyperbilirubin?emia\$.ti.	134
10	bilirubin?emia\$.ti.	1
11	((bilirubin\$ or hyperbilirubin\$) adj3 encephalopath\$).tw.	23
12	JAUNDICE/	192
13	jaundice\$.ti.	279
14	KERNICTERUS/	92
15	kernicterus\$.ti.	36
16	or/8-15	663
17	DIAGNOSIS/	1110
18	(prediction or predicting or recogniz\$ or detection).ti.	9865
19	FAMILY HISTORY/	1191
20	history.ti.	5984
21	PHYSICAL EXAMINATION/	8809
22	((clinical\$ or visual\$ or physical\$) adj3 examin\$).tw.	7584
23	SKIN PIGMENTATION/	134
24	((skin or urine or stool\$) adj3 colo?r\$).tw.	187
25	((urine or stool\$) adj3 examin\$).tw.	118
26	BILIRUBIN/bl [Blood]	231
27	UMBILICAL CORD/	420

DRAFT FOR CONSULTATION

28 FETAL BLOOD/	749
29 BLOOD GROUPS/	164
30 COOMBS' TEST/	31
31 ((coomb\$ or antiglobulin\$) adj3 test\$).tw.	54
32 ((cord or fetal or foetal or fetus or foetus) adj3 blood\$).tw.	692
33 transcutaneous\$.tw.	867
34 bilirubinomet\$.tw.	19
35 icteromet\$.tw.	1
36 (jaundice?met\$ or jaundice met\$).tw.	14
37 CARBON MONOXIDE/	410
38 end tidal.tw.	350
39 etco.tw.	32
40 nomogram\$.tw.	157
41 (bilirubin\$ adj3 percentile\$).tw.	1
42 (hour\$ adj3 bilirubin\$).tw.	8
43 RISK ASSESSMENT/	13435
44 (risk\$ adj3 (assess\$ or index or model\$)).tw.	6295
45 NEONATAL ASSESSMENT/	875
46 (total adj3 serum adj3 bilirubin\$).tw.	69
47 (serum adj3 bilirubin\$ adj3 level\$).tw.	61
48 tsb.tw.	30
49 or/17-48	53123
50 and/7,16,49	162

1  
2  
3  
4  
5  
6

**CINAHL EBSCO**

JAUN\_recognise\_predict\_cinahl\_230408\_6

Wednesday, May 06, 2009 9:25:37 AM

#	Query	Limiters/Expanders	Last Run Via	Results
S63	S5 and S17 and S62	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search Database - CINAHL	Display



			with Full Text	
S62	S18 or S19 or S20 or S21 or S22 or S23 or S24 or S25 or S26 or S27 or S28 or S29 or S30 or S31 or S32 or S33 or S34 or S35 or S36 or S37 or S38 or S39 or S40 or S42 or S43 or S44 or S45 or S46 or S47 or S48 or S49 or S50 or S51 or S52 or S53 or S54 or S55 or S56 or S57 or S58 or S59 or S60 or S61	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search Database - CINAHL with Full Text	Display
S61	TI tsb or AB tsb	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search Database - CINAHL with Full Text	Display
S60	TI serum N3 bilirubin* N3 level* or AB serum N3 bilirubin* N3 level*	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search Database - CINAHL with Full Text	Display
S59	TI total N3 serum N3 bilirubin* or AB total N3 serum N3 bilirubin*	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search Database - CINAHL	Display

			with Full Text	
S58	MH NEONATAL ASSESSMENT	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search Database - CINAHL with Full Text	Display
S57	TI risk N3 model* or AB risk N3 model*	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search Database - CINAHL with Full Text	Display
S56	TI risk N3 index* or AB risk N3 index*	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search Database - CINAHL with Full Text	Display
S55	TI risk N3 assessment* or AB risk N3 assessment*	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search Database - CINAHL with Full Text	Display
S54	MH RISK ASSESSMENT	Search modes - Boolean/Phrase	Interface - EBSCOhost Search	Display

			Screen - Advanced Search Database - CINAHL with Full Text	
S53	TI hour* N3 bilirubin* or AB hour* N3 bilirubin*	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search Database - CINAHL with Full Text	Display
S52	TI bilirubin* N3 percentile* or AB bilirubin* N3 percentile*	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search Database - CINAHL with Full Text	Display
S51	TI nomogram* or AB nomogram*	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search Database - CINAHL with Full Text	Display
S50	TI etco or AB etco	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search Database - CINAHL	Display

			with Full Text	
S49	TI end tidal or AB end tidal	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search Database - CINAHL with Full Text	Display
S48	MH CARBON MONOXIDE	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search Database - CINAHL with Full Text	Display
S47	TI jaundice met* or AB jaundice met*	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search Database - CINAHL with Full Text	Display
S46	TI icteromet* or AB icteromet*	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search Database - CINAHL with Full Text	Display
S45	TI bilirubinomet* or AB bilirubinomet*	Search modes - Boolean/Phrase	Interface - EBSCOhost Search	Display

			Screen - Advanced Search Database - CINAHL with Full Text	
S44	TI transcutaneous* or AB transcutaneous*	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search Database - CINAHL with Full Text	Display
S43	TI (foetus N3 blood*) or AB (foetus N3 blood*)	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search Database - CINAHL with Full Text	Display
S42	TI (fetus N3 blood*) or AB (fetus N3 blood*)	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search Database - CINAHL with Full Text	Display
S41	TI (foetal N3 blood*) or AB (foetal N3 blood*)	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search Database - CINAHL	Display

DRAFT FOR CONSULTATION

			with Full Text	
S40	TI (fetal N3 blood*) or AB (fetal N3 blood*)	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search Database - CINAHL with Full Text	Display
S39	TI (cord N3 blood*) or AB (cord N3 blood*)	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search Database - CINAHL with Full Text	Display
S38	TI (antiglobulin* N3 test*) or AB (antiglobulin* N3 test*)	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search Database - CINAHL with Full Text	Display
S37	TI (coomb* N3 test*) or AB (coomb* N3 test*)	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search Database - CINAHL with Full Text	Display
S36	MH COOMBS' TEST	Search modes - Boolean/Phrase	Interface - EBSCOhost Search	Display

			Screen - Advanced Search Database - CINAHL with Full Text	
S35	MH BLOOD GROUPS	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search Database - CINAHL with Full Text	Display
S34	MH FETAL BLOOD	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search Database - CINAHL with Full Text	Display
S33	MH UMBILICAL CORD	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search Database - CINAHL with Full Text	Display
S32	(MH "BILIRUBIN/BL")	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search Database - CINAHL	Display

			with Full Text	
S31	TI (examin* N3 stool*) or AB (examin* N3 stool*)	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search Database - CINAHL with Full Text	Display
S30	TI (examin* N3 urine) or AB (examin* N3 urine)	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search Database - CINAHL with Full Text	Display
S29	TI (stool* N3 color*) or AB (stool* N3 colour*)	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search Database - CINAHL with Full Text	Display
S28	TI (urine N3 color*) or AB (urine N3 colour*)	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search Database - CINAHL with Full Text	Display
S27	TI (skin N3 color*) or AB (skin N3 colour*)	Search modes - Boolean/Phrase	Interface - EBSCOhost Search	Display



			Screen - Advanced Search Database - CINAHL with Full Text	
S26	MH SKIN PIGMENTATION	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search Database - CINAHL with Full Text	Display
S25	TI (physical* N3 examin*) or AB (physical* N3 examin*)	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search Database - CINAHL with Full Text	Display
S24	TI (visual* N3 examin*) or AB (visual* N3 examin*)	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search Database - CINAHL with Full Text	Display
S23	TI (clinical* N3 examin*) or AB (clinical* N3 examin*)	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search Database - CINAHL	Display

			with Full Text	
S22	MH PHYSICAL EXAMINATION	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search Database - CINAHL with Full Text	Display
S21	TI history	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search Database - CINAHL with Full Text	Display
S20	MH FAMILY HISTORY	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search Database - CINAHL with Full Text	Display
S19	TI (prediction or predicting or recogni* or detection)	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search Database - CINAHL with Full Text	Display
S18	MH DIAGNOSIS	Search modes - Boolean/Phrase	Interface - EBSCOhost Search	Display

			Screen - Advanced Search Database - CINAHL with Full Text	
S17	S6 or S7 or S8 or S9 or S10 or S11 or S12 or S13 or S14 or S15	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search Database - CINAHL with Full Text	Display
S16	(TI "kernicterus*")	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search Database - CINAHL with Full Text	Display
S15	MH KERNICTERUS	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search Database - CINAHL with Full Text	Display
S14	(TI jaundice*)	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search Database - CINAHL	Display

			with Full Text	
S13	MH JAUNDICE	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search Database - CINAHL with Full Text	Display
S12	(AB "hyperbilirubin*" N3 "encephalopath*")	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search Database - CINAHL with Full Text	Display
S11	(TI "hyperbilirubin*" N3 "encephalopath*")	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search Database - CINAHL with Full Text	Display
S10	(AB "bilirubin*" N3 "encephalopath*")	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search Database - CINAHL with Full Text	Display
S9	(TI "bilirubin*" N3 "encephalopath*")	Search modes - Boolean/Phrase	Interface - EBSCOhost Search	Display

			Screen - Advanced Search Database - CINAHL with Full Text	
S8	(TI "bilirubinaemia" OR "bilirubinemia")	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search Database - CINAHL with Full Text	Display
S7	(TI "hyperbilirubinemia" or "hyperbilirubinaemia")	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search Database - CINAHL with Full Text	Display
S6	MH HYPERBILIRUBINEMIA	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search Database - CINAHL with Full Text	Display
S5	S1 or S2 or S3 or S4	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search Database - CINAHL	Display

			with Full Text	
S4	(TI "newborn*" or "neonate*") or (AB "newborn*" or "neonate*")	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search Database - CINAHL with Full Text	Display
S3	MH INFANT, NEWBORN	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search Database - CINAHL with Full Text	Display
S2	(TI "preterm*") or (AB "preterm*")	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search Database - CINAHL with Full Text	Display
S1	MH INFANT, PREMATURE	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search Database - CINAHL with Full Text	Display

1  
2  
3

1  
2  
3  
4  
5

**Ovid MEDLINE 1950 to June Week 4 2008**

JAUN\_recognise\_predict\_economic\_medline\_090708

#	Searches	Results
1	costs.tw.	75877
2	cost effective\$.tw.	43549
3	economic.tw.	65215
4	or/1-3	160435
5	(metabolic adj cost).tw.	480
6	((energy or oxygen) adj cost).tw.	2016
7	4 not (5 or 6)	160205
8	INFANT, PREMATURE/	32498
9	preterm\$.tw.	28724
10	INFANT, NEWBORN/	420292
11	(newborn\$ or neonate\$).tw.	137294
12	BLOOD GROUP INCOMPATIBILITY/	4831
13	GLUCOSEPHOSPHATE DEHYDROGENASE DEFICIENCY/	3757
14	or/8-13	484157
15	HYPERBILIRUBINEMIA/	3398
16	HYPERBILIRUBINEMIA, NEONATAL/	157
17	hyperbilirubin?emia\$.ti.	2174
18	bilirubin?emia\$.ti.	148
19	((bilirubin\$ or hyperbilirubin\$) adj3 encephalopath\$).tw.	282
20	exp JAUNDICE/	9967
21	jaundice\$.ti.	9785
22	KERNICTERUS/	891
23	kernicterus\$.ti.	361
24	or/15-23	20452
25	DIAGNOSIS/	15941
26	(prediction or predicting or recogniz\$ or detection).ti.	183186
27	history.ti.	48172
28	PHYSICAL EXAMINATION/	23519
29	((clinical\$ or visual\$ or physical\$) adj3 examin\$).tw.	74495
30	SKIN PIGMENTATION/	4079
31	((skin or urine or stool\$) adj3 colo?r\$).tw.	2598
32	((urine or stool\$) adj3 examin\$).tw.	3968
33	BILIRUBIN/bi [Blood]	11319
34	UMBILICAL CORD/	7264

DRAFT FOR CONSULTATION

35 FETAL BLOOD/	21153
36 BLOOD GROUP ANTIGENS/	14483
37 COOMBS' TEST/	3978
38 ((coomb\$ or antiglobulin\$) adj3 test\$).tw.	2486
39 ((cord or fetal or foetal or fetus or foetus) adj3 blood\$).tw.	20418
40 transcutaneous\$.tw.	8286
41 bilirubinomet\$.tw.	144
42 icteromet\$.tw.	29
43 (jaundice?met\$ or jaundice met\$).tw.	135
44 CARBON MONOXIDE/	12056
45 end tidal.tw.	5867
46 etco.tw.	144
47 NOMOGRAMS/	346
48 nomogram\$.tw.	3080
49 (bilirubin\$ adj3 percentile\$).tw.	10
50 (hour\$ adj3 bilirubin\$).tw.	82
51 RISK ASSESSMENT/	93027
52 (risk\$ adj3 (assess\$ or index or model\$)).tw.	38546
53 (total adj3 serum adj3 bilirubin\$).tw.	1256
54 (serum adj3 bilirubin\$ adj3 level\$).tw.	1820
55 tsb.tw.	497
56 or/25-55	554568
57 and/14,24,56	1800
58 and/7,57	17
59 limit 58 to english language	15

1  
2  
3  
4  
5  
6  
7

**EBM Reviews - Cochrane Central Register of Controlled Trials  
2nd Quarter 2008**

JAUN\_recognise\_predict\_economic\_cctr\_090708

#	Searches	Results
1	costs.tw.	5343
2	cost effective\$.tw.	4066
3	economic.tw.	2244
4	or/1-3	8799
5	(metabolic adj cost).tw.	38
6	((energy or oxygen) adj cost).tw.	178



DRAFT FOR CONSULTATION

7	4 not (5 or 6)	8789
8	INFANT, PREMATURE/ preterm\$.tw.	1688
9	preterm\$.tw.	3060
10	INFANT, NEWBORN/ (newborn\$ or neonate\$).tw.	8341
11	(newborn\$ or neonate\$).tw.	4171
12	BLOOD GROUP INCOMPATIBILITY/ GLUCOSEPHOSPHATE DEHYDROGENASE DEFICIENCY/ or/8-13	41
13	GLUCOSEPHOSPHATE DEHYDROGENASE DEFICIENCY/ or/8-13	25
14	or/8-13	11364
15	HYPERBILIRUBINEMIA/ HYPERBILIRUBINEMIA, NEONATAL/ hyperbilirubin?emia\$.ti.	58
16	HYPERBILIRUBINEMIA, NEONATAL/ hyperbilirubin?emia\$.ti.	8
17	hyperbilirubin?emia\$.ti.	147
18	bilirubin?emia\$.ti.	4
19	((bilirubin\$ or hyperbilirubin\$) adj3 encephalopath\$).tw.	9
20	exp JAUNDICE/ jaundice\$.ti.	247
21	jaundice\$.ti.	192
22	KERNICTERUS/ kernicterus\$.ti.	2
23	kernicterus\$.ti.	3
24	or/15-23	531
25	DIAGNOSIS/ (prediction or predicting or recogniz\$ or detection).ti.	26
26	(prediction or predicting or recogniz\$ or detection).ti.	2797
27	history.ti.	718
28	PHYSICAL EXAMINATION/ (clinical\$ or visual\$ or physical\$) adj3 examin\$).tw.	487
29	((clinical\$ or visual\$ or physical\$) adj3 examin\$).tw.	4818
30	SKIN PIGMENTATION/ (skin or urine or stool\$) adj3 colo?r\$).tw.	107
31	((skin or urine or stool\$) adj3 colo?r\$).tw.	136
32	((urine or stool\$) adj3 examin\$).tw.	228
33	BILIRUBIN/bi [Blood]	478
34	UMBILICAL CORD/ FETAL BLOOD/	112
35	FETAL BLOOD/	404
36	BLOOD GROUP ANTIGENS/ COOMBS' TEST/ (coomb\$ or antiglobulin\$) adj3 test\$).tw.	14
37	COOMBS' TEST/ (coomb\$ or antiglobulin\$) adj3 test\$).tw.	17
38	((coomb\$ or antiglobulin\$) adj3 test\$).tw.	31
39	((cord or fetal or foetal or fetus or foetus) adj3 blood\$).tw.	555
40	transcutaneous\$.tw.	1266
41	bilirubinomet\$.tw.	6
42	icteromet\$.tw.	0
43	(jaundice?met\$ or jaundice met\$).tw.	19
44	CARBON MONOXIDE/	264

DRAFT FOR CONSULTATION

45 end tidal.tw.	1279
46 etco.tw.	34
47 NOMOGRAMS/	7
48 nomogram\$.tw.	146
49 (bilirubin\$ adj3 percentile\$.tw.	0
50 (hour\$ adj3 bilirubin\$.tw.	24
51 RISK ASSESSMENT/	2861
52 (risk\$ adj3 (assess\$ or index or model\$)).tw.	1568
53 (total adj3 serum adj3 bilirubin\$.tw.	108
54 (serum adj3 bilirubin\$ adj3 level\$.tw.	179
55 tsb.tw.	24
56 or/25-55	17382
57 and/14,24,56	139
58 and/7,57	3

1  
2  
3  
4  
5  
6  
7

**EBM Reviews - Health Technology Assessment 3rd Quarter  
2008**

JAUN\_recognise\_predict\_economic\_hta\_090708

#	Searches	Results
1	costs.tw.	1155
2	cost effective\$.tw.	915
3	economic.tw.	682
4	or/1-3	1657
5	(metabolic adj cost).tw.	0
6	((energy or oxygen) adj cost).tw.	0
7	4 not (5 or 6)	1657
8	INFANT, PREMATURE/	9
9	preterm\$.tw.	22
10	INFANT, NEWBORN/	65
11	(newborn\$ or neonate\$.tw.	99
12	BLOOD GROUP INCOMPATIBILITY/	1
13	GLUCOSEPHOSPHATE DEHYDROGENASE DEFICIENCY/	0
14	or/8-13	122
15	HYPERBILIRUBINEMIA/	4
16	HYPERBILIRUBINEMIA, NEONATAL/	1
17	hyperbilirubin?emia\$.ti.	3
18	bilirubin?emia\$.ti.	0

DRAFT FOR CONSULTATION

19 ((bilirubin\$ or hyperbilirubin\$) adj3 encephalopath\$).tw.	1
20 exp JAUNDICE/	1
21 jaundice\$.ti.	3
22 KERNICTERUS/	1
23 kernicterus\$.ti.	0
24 or/15-23	8
25 DIAGNOSIS/	4
26 (prediction or predicting or recogniz\$ or detection).ti.	113
27 history.ti.	7
28 PHYSICAL EXAMINATION/	4
29 ((clinical\$ or visual\$ or physical\$) adj3 examin\$).tw.	55
30 SKIN PIGMENTATION/	0
31 ((skin or urine or stool\$) adj3 colo?r\$).tw.	1
32 ((urine or stool\$) adj3 examin\$).tw.	0
33 BILIRUBIN/bi [Blood]	0
34 UMBILICAL CORD/	1
35 FETAL BLOOD/	11
36 BLOOD GROUP ANTIGENS/	0
37 COOMBS' TEST/	0
38 ((coomb\$ or antiglobulin\$) adj3 test\$).tw.	0
39 ((cord or fetal or foetal or fetus or foetus) adj3 blood\$).tw.	15
40 transcutaneous\$.tw.	13
41 bilirubinomet\$.tw.	1
42 icteromet\$.tw.	0
43 (jaundice?met\$ or jaundice met\$).tw.	0
44 CARBON MONOXIDE/	1
45 end tidal.tw.	0
46 etco.tw.	0
47 NOMOGRAMS/	0
48 nomogram\$.tw.	0
49 (bilirubin\$ adj3 percentile\$).tw.	0
50 (hour\$ adj3 bilirubin\$).tw.	0
51 RISK ASSESSMENT/	34
52 (risk\$ adj3 (assess\$ or index or model\$)).tw.	84
53 (total adj3 serum adj3 bilirubin\$).tw.	0
54 (serum adj3 bilirubin\$ adj3 level\$).tw.	1
55 tsb.tw.	1
56 or/25-55	286

57 and/14,24,56 3  
 58 and/7,57 1

1  
 2  
 3  
 4  
 5  
 6  
 7

**EBM Reviews - NHS Economic Evaluation Database 2nd Quarter 2008**

JAUN\_recognise\_predict\_economic\_nhseed\_090708

#	Searches	Results
1	costs.tw.	17123
2	cost effective\$.tw.	8445
3	economic.tw.	23126
4	or/1-3	23406
5	(metabolic adj cost).tw.	0
6	((energy or oxygen) adj cost).tw.	0
7	4 not (5 or 6)	23406
8	INFANT, PREMATURE/	74
9	preterm\$.tw.	78
10	INFANT, NEWBORN/	849
11	(newborn\$ or neonate\$).tw.	915
12	BLOOD GROUP INCOMPATIBILITY/	5
13	GLUCOSEPHOSPHATE DEHYDROGENASE DEFICIENCY/	2
14	or/8-13	943
15	HYPERBILIRUBINEMIA/	2
16	HYPERBILIRUBINEMIA, NEONATAL/	1
17	hyperbilirubin?emia\$.ti.	1
18	bilirubin?emia\$.ti.	0
19	((bilirubin\$ or hyperbilirubin\$) adj3 encephalopath\$).tw.	0
20	exp JAUNDICE/	5
21	jaundice\$.ti.	8
22	KERNICTERUS/	1
23	kernicterus\$.ti.	1
24	or/15-23	14
25	DIAGNOSIS/	10
26	(prediction or predicting or recogniz\$ or detection).ti.	185
27	history.ti.	34
28	PHYSICAL EXAMINATION/	48
29	((clinical\$ or visual\$ or physical\$) adj3 examin\$).tw.	305
30	SKIN PIGMENTATION/	0

DRAFT FOR CONSULTATION

31 ((skin or urine or stool\$) adj3 colo?r\$).tw.	4
32 ((urine or stool\$) adj3 examin\$).tw.	12
33 BILIRUBIN/bi [Blood]	4
34 UMBILICAL CORD/	1
35 FETAL BLOOD/	9
36 BLOOD GROUP ANTIGENS/	0
37 COOMBS' TEST/	1
38 ((coomb\$ or antiglobulin\$) adj3 test\$).tw.	1
39 ((cord or fetal or foetal or fetus or foetus) adj3 blood\$).tw.	14
40 transcutaneous\$.tw.	20
41 bilirubinomet\$.tw.	1
42 icteromet\$.tw.	0
43 (jaundice?met\$ or jaundice met\$).tw.	0
44 CARBON MONOXIDE/	0
45 end tidal.tw.	6
46 etco.tw.	0
47 NOMOGRAMS/	0
48 nomogram\$.tw.	6
49 (bilirubin\$ adj3 percentile\$).tw.	0
50 (hour\$ adj3 bilirubin\$).tw.	0
51 RISK ASSESSMENT/	481
52 (risk\$ adj3 (assess\$ or index or model\$)).tw.	624
53 (total adj3 serum adj3 bilirubin\$).tw.	5
54 (serum adj3 bilirubin\$ adj3 level\$).tw.	5
55 tsb.tw.	0
56 or/25-55	1192
57 and/14,24,56	3
58 and/7,57	3

1  
2  
3  
4  
5  
6

**EMBASE 1980 to 2008 Week 27**

JAUN\_recognise\_predict\_economic\_embase\_090708

#	Searches	Results
1	costs.tw.	62745
2	cost effective\$.tw.	39866
3	economic.tw.	51827
4	or/1-3	130966

DRAFT FOR CONSULTATION

5 (metabolic adj cost).tw.	369
6 ((energy or oxygen) adj cost).tw.	1661
7 4 not (5 or 6)	130794
8 PREMATURITY/	28363
9 preterm\$.tw.	25709
10 NEWBORN/	175463
11 (newborn\$ or neonate\$).tw.	95167
12 exp BLOOD GROUP INCOMPATIBILITY/	2563
13 GLUCOSE 6 PHOSPHATE DEHYDROGENASE DEFICIENCY/	1496
14 or/8-13	237679
15 HYPERBILIRUBINEMIA/	5455
16 hyperbilirubin?emia\$.ti.	1039
17 bilirubin?emia\$.ti.	15
18 ((bilirubin\$ or hyperbilirubin\$) adj3 encephalopath\$).tw.	243
19 JAUNDICE/	9422
20 NEWBORN JAUNDICE/	1688
21 jaundice\$.ti.	3593
22 KERNICTERUS/	692
23 kernicterus\$.ti.	148
24 or/15-23	17469
25 DIAGNOSIS/	465076
26 (prediction or predicting or recogniz\$ or detection).ti.	143262
27 HISTORY/	16293
28 FAMILY HISTORY/	25370
29 history.ti.	24359
30 PHYSICAL EXAMINATION/	58090
31 ((clinical\$ or visual\$ or physical\$) adj3 examin\$).tw.	61169
32 SKIN PIGMENTATION/	4549
33 ((skin or urine or stool\$) adj3 colo?r\$).tw.	2276
34 ((urine or stool\$) adj3 examin\$).tw.	2785
35 BLOOD LEVEL/	36799
36 BILIRUBIN BLOOD LEVEL/	6389
37 CORD SERUM/	237
38 UMBILICAL CORD BLOOD/	9570
39 FETUS BLOOD/	1638
40 BLOOD GROUP/	1604
41 COOMBS TEST/	1573
42 ((coomb\$ or antiglobulin\$) adj3 test\$).tw.	1608

DRAFT FOR CONSULTATION

43	((cord or fetal or foetal or fetus or foetus) adj3 blood\$.tw.	16829
44	transcutaneous\$.tw.	6839
45	bilirubinomet\$.tw.	111
46	icteromet\$.tw.	11
47	(jaundice?met\$ or jaundice met\$).tw.	120
48	CARBON MONOXIDE/	13178
49	end tidal.tw.	5354
50	etco.tw.	52
51	NOMOGRAM/	1273
52	nomogram\$.tw.	2336
53	(bilirubin\$ adj3 percentile\$).tw.	9
54	(hour\$ adj3 bilirubin\$).tw.	63
55	RISK ASSESSMENT/	167602
56	(risk\$ adj3 (assess\$ or index or model\$)).tw.	36102
57	NEWBORN ASSESSMENT/	130
58	(total adj3 serum adj3 bilirubin\$).tw.	1145
59	(serum adj3 bilirubin\$ adj3 level\$).tw.	1544
60	tsb.tw.	372
61	or/25-60	1020724
62	and/14,24,61	1568
63	and/7,62	24

1  
2  
3  
4  
5  
6  
7  
8  
9

**Question: Risk Factors**

**Ovid MEDLINE(R) 1950 to July Week 5 2008**

JAUN\_risk\_factors\_medline\_070808

#	Searches	Results
1	INFANT, PREMATURE/	32701
2	preterm\$.tw.	28961
3	INFANT, NEWBORN/	422670
4	(newborn\$ or neonate\$).tw.	137993
5	BLOOD GROUP INCOMPATIBILITY/	4845
6	GLUCOSEPHOSPHATE DEHYDROGENASE DEFICIENCY/	3767
7	or/1-6	486794
8	HYPERBILIRUBINEMIA/	3407
9	HYPERBILIRUBINEMIA, NEONATAL/	163

10	hyperbilirubin?emia\$.ti.	2187
11	bilirubin?emia\$.ti.	149
12	((bilirubin\$ or hyperbilirubin\$) adj3 encephalopath\$.tw.	283
13	exp JAUNDICE/	10019
14	jaundice\$.ti.	9818
15	KERNICTERUS/	893
16	kernicterus\$.ti.	363
17	or/8-16	20536
18	or/13-14	15665
19	or/8-10	4640
20	and/18-19	602
21	and/7,20	258
22	or/15-16	986
23	or/18-19	19703
24	or/12,22	1163
25	and/23-24	422
26	and/7,25	328
27	RISK FACTORS/	364028
28	risk factor\$.ti.	44766
29	COMORBIDITY/	36477
30	"CONFOUNDING FACTORS (EPIDEMIOLOGY)"/	6456
31	or/27-30	402101
32	and/7,17,31	251
33	or/21,26,32	747
34	from 33 keep 1-10	10

1  
2  
3  
4  
5  
6  
7

### EBM Reviews - Cochrane Central Register of Controlled Trials 3rd Quarter 2008

JAUN\_risk\_factors\_cctr\_070808

#	Searches	Results
1	INFANT, PREMATURE/	1709
2	preterm\$.tw.	3074
3	INFANT, NEWBORN/	8435
4	(newborn\$ or neonate\$).tw.	4189
5	BLOOD GROUP INCOMPATIBILITY/	41
6	GLUCOSEPHOSPHATE DEHYDROGENASE DEFICIENCY/	25
7	or/1-6	11437
8	HYPERBILIRUBINEMIA/	58



DRAFT FOR CONSULTATION

9	HYPERBILIRUBINEMIA, NEONATAL/	10
10	hyperbilirubin?emia\$.ti.	148
11	bilirubin?emia\$.ti.	4
12	((bilirubin\$ or hyperbilirubin\$) adj3 encephalopath\$).tw.	9
13	exp JAUNDICE/	251
14	jaundice\$.ti.	191
15	KERNICTERUS/	2
16	kernicterus\$.ti.	3
17	or/8-16	536
18	or/13-14	383
19	or/8-10	191
20	and/18-19	48
21	and/7,20	48
22	or/15-16	5
23	or/18-19	526
24	or/12,22	14
25	and/23-24	5
26	and/7,25	5
27	RISK FACTORS/	10464
28	risk factor\$.ti.	1717
29	COMORBIDITY/	1233
30	"CONFOUNDING FACTORS (EPIDEMIOLOGY)"/	224
31	or/27-30	12242
32	and/7,17,31	1
33	or/21,26,32	53

1  
2  
3  
4  
5  
6

**CDSR, DARE**

JAUN\_risk\_factors\_cdsrdare\_070808

#	Searches	Results
1	INFANT, PREMATURE.kw.	194
2	preterm\$.tw.	550
3	INFANT, NEWBORN.kw.	579
4	(newborn\$ or neonate\$).tw.	946
5	BLOOD GROUP INCOMPATIBILITY.kw.	1
6	GLUCOSEPHOSPHATE DEHYDROGENASE DEFICIENCY.kw.	0
7	or/1-6	1091
8	HYPERBILIRUBINEMIA.kw.	3

DRAFT FOR CONSULTATION

9	HYPERBILIRUBINEMIA, NEONATAL.kw.	1
10	hyperbilirubin?emia\$.ti.	2
11	bilirubin?emia\$.ti.	0
12	((bilirubin\$ or hyperbilirubin\$) adj3 encephalopath\$).tw.	5
13	JAUNDICE.kw.	13
14	jaundice\$.ti.	10
15	KERNICTERUS.kw.	1
16	kernicterus\$.ti.	0
17	or/8-16	18
18	or/13-14	15
19	or/8-10	4
20	and/18-19	3
21	and/7,20	3
22	or/15-16	1
23	or/18-19	16
24	or/12,22	6
25	and/23-24	4
26	and/7,25	4
27	RISK FACTORS.kw.	577
28	risk factor\$.ti.	24
29	COMORBIDITY.kw.	39
30	"CONFOUNDING FACTORS (EPIDEMIOLOGY)".kw.	0
31	or/27-30	611
32	and/7,17,31	0
33	or/21,26,32	5

1  
2  
3  
4  
5  
6

**EMBASE 1980 to 2008 Week 31**

JAUN\_risk\_factors\_embase\_070808

#	Searches	Results
1	PREMATURITY/	28534
2	preterm\$.tw.	25873
3	NEWBORN/	175887
4	(newborn\$ or neonate\$).tw.	95506
5	exp BLOOD GROUP INCOMPATIBILITY/	2570
6	GLUCOSE 6 PHOSPHATE DEHYDROGENASE DEFICIENCY/	1508
7	or/1-6	238435
8	HYPERBILIRUBINEMIA/	5505

DRAFT FOR CONSULTATION

9	hyperbilirubin?emia\$.ti.	1045
10	bilirubin?emia\$.ti.	15
11	((bilirubin\$ or hyperbilirubin\$) adj3 encephalopath\$).tw.	243
12	JAUNDICE/	9491
13	NEWBORN JAUNDICE/	1705
14	jaundice\$.ti.	3602
15	KERNICTERUS/	699
16	kernicterus\$.ti.	148
17	or/8-16	17595
18	or/13-14	4831
19	or/8-10	5731
20	and/18-19	775
21	and/7,20	571
22	or/15-16	702
23	or/18-19	9787
24	or/12,22	10101
25	and/23-24	2359
26	and/7,25	650
27	RISK FACTOR/	227978
28	risk factor\$.ti.	37560
29	COMORBIDITY/	47834
30	confounding factor\$.ti.	177
31	or/27-30	277617
32	and/7,17,31	290
33	or/21,26,32	1237

1  
2  
3  
4  
5  
6  
7

**CINAHL - Cumulative Index to Nursing & Allied Health Literature 1982 to August Week 1 2008**

JAUN\_risk\_factors\_cinahl\_070808

#	Searches	Results
1	INFANT, PREMATURE/	5661
2	preterm\$.tw.	4757
3	INFANT, NEWBORN/	36594
4	(newborn\$ or neonate\$).tw.	9089
5	BLOOD GROUP INCOMPATIBILITY/	151
6	(glucose\$ adj5 deficien\$).tw.	71
7	or/1-6	<b>41326</b>
8	HYPERBILIRUBINEMIA/	201

DRAFT FOR CONSULTATION

9	hyperbilirubin?emia\$.ti.	127
10	bilirubin?emia\$.ti.	1
11	((bilirubin\$ or hyperbilirubin\$) adj3 encephalopath\$).tw.	22
12	JAUNDICE/	205
13	jaundice\$.ti.	282
14	KERNICTERUS/	86
15	kernicterus\$.ti.	35
16	or/8-15	<b>667</b>
17	or/12-13	400
18	or/8-9	265
19	and/17-18	42
20	and/7,19	31
21	or/14-15	89
22	or/17-18	623
23	or/11,21	101
24	and/22-23	58
25	and/7,24	57
26	RISK FACTORS/	30074
27	risk factor\$.ti.	6903
28	COMORBIDITY/	9000
29	confounding factor\$.ti.	27
30	or/26-29	42220
31	and/7,16,30	25
32	or/20,25,31	98

1  
2  
3  
4  
5  
6

**CINAHL EBSCO**

JAUN\_risk\_factors\_cinahl\_ebsco\_070808

DRAFT FOR CONSULTATION

Friday, May 15, 2009 4:01:43 AM

#	Query	Limiters/Expanders	Last Run Via	Results
S33	S21 or S25 or S32	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search Database - CINAHL with Full Text	113
S32	S7 and S17 and S31	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search Database - CINAHL with Full Text	32
S31	S27 or S28 or S29 or S30	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search Database - CINAHL with Full Text	51515
S30	TI confounding factor*	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search Database - CINAHL with Full Text	30
S29	MH COMORBIDITY	Search modes -	Interface -	11607

DRAFT FOR CONSULTATION

		Boolean/Phrase	EBSCOhost Search Screen - Advanced Search Database - CINAHL with Full Text	
S28	TI risk factor*	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search Database - CINAHL with Full Text	8349
S27	MH RISK FACTORS	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search Database - CINAHL with Full Text	36180
S26	S7 AND S25	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search Database - CINAHL with Full Text	71
S25	S18 AND S24	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search	84

DRAFT FOR CONSULTATION

			Database - CINAHL with Full Text	
S24	S23 or S22	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search Database - CINAHL with Full Text	416
S23	S8 or S9 or S10 or S11 or S12	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search Database - CINAHL with Full Text	343
S22	S15 or S16	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search Database - CINAHL with Full Text	119
S21	S7 and S20	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search Database - CINAHL with Full Text	43
S20	S18 and S19	Search modes -	Interface -	56

		Boolean/Phrase	EBSCOhost Search Screen - Advanced Search Database - CINAHL with Full Text	
S19	S8 or S9	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search Database - CINAHL with Full Text	328
S18	S13 or S14	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search Database - CINAHL with Full Text	476
S17	S8 or S9 or S10 or S11 or S12 or S13 or S14 or S15 or S16	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search Database - CINAHL with Full Text	808
S16	TI kernicterus	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search	49



			Database - CINAHL with Full Text	
S15	MH KERNICTERUS	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search Database - CINAHL with Full Text	116
S14	TI jaundice*	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search Database - CINAHL with Full Text	329
S13	MH JAUNDICE	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search Database - CINAHL with Full Text	255
S12	TI (hyperbilirubin* N3 encephalopath*) or AB (hyperbilirubin* N3 encephalopath*)	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search Database - CINAHL with Full Text	3
S11	TI (bilirubin* N3	Search modes -	Interface -	33

DRAFT FOR CONSULTATION

	encephalopath*) or AB (bilirubin* N3 encephalopath*)	Boolean/Phrase	EBSCOhost Search Screen - Advanced Search Database - CINAHL with Full Text	
S10	TI (bilirubinemi*) or TI (bilirubinaemi*)	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search Database - CINAHL with Full Text	1
S9	TI (hyperbilirubinemi*) or TI (hyperbilirubinaemi*)	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search Database - CINAHL with Full Text	163
S8	MH HYPERBILIRUBINEMIA	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search Database - CINAHL with Full Text	246
S7	S1 or S2 or S3 or S4 or S5 or S6	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search	48069

DRAFT FOR CONSULTATION

			Database - CINAHL with Full Text	
S6	TI (glucose N5 deficien*) or AB (glucose N5 deficien*)	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search Database - CINAHL with Full Text	95
S5	MH BLOOD GROUP INCOMPATIBILITY+	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search Database - CINAHL with Full Text	640
S4	(TI "newborn*" or "neonate*") or (AB "newborn*" or "neonate*")	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search Database - CINAHL with Full Text	10924
S3	MH INFANT, NEWBORN	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search Database - CINAHL with Full Text	41919
S2	(TI "preterm*") or (AB	Search modes -	Interface -	5983

	"preterm*")	Boolean/Phrase	EBSCOhost Search Screen - Advanced Search Database - CINAHL with Full Text	
S1	MH INFANT, PREMATURE	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search Database - CINAHL with Full Text	6767

1  
2  
3  
4  
5  
6  
7  
8  
9  
10  
11

**Question: What should be included in a formal assessment of a baby with neonatal hyperbilirubinaemia?**

**Ovid MEDLINE(R) 1950 to August Week 4 2008**

JAUN\_assess\_tests\_hyperbil\_medline\_050908

#	Searches	Results
1	INFANT, PREMATURE/ preterm\$.tw.	32828
2	INFANT, NEWBORN/ (newborn\$ or neonate\$).tw.	29140
3	or/1-4	424141
4	HYPERBILIRUBINEMIA/ HYPERBILIRUBINEMIA, NEONATAL/ hyperbilirubin?emia\$.ti.	138590
5	bilirubin?emia\$.ti.	481742
6	10 ((bilirubin\$ or hyperbilirubin\$) adj3 encephalopath\$).tw.	3415
7	11 exp JAUNDICE/ jaundice\$.ti.	167
8	12 or/6-12	2193
9		149
10		285
11		10042
12		9833
13		20019

DRAFT FOR CONSULTATION

14 THYROID FUNCTION TESTS/	11340
15 TSH.tw.	20277
16 (thyroid adj3 stimulating adj3 hormone\$.tw.	6085
17 (thyroidstimulating adj3 hormone\$.tw.	11
18 thyrotropin.ti.	7579
19 (urine adj3 reducing adj3 substance\$.tw.	8
20 ASPARTATE AMINOTRANSFERASES/bl	14602
21 AST.ti.	206
22 ALANINE TRANSAMINASE/bl	15564
23 ALT.ti.	344
24 ALAKALINE PHOSPHATASE/bl	0
25 ALP.ti.	133
26 GAMMA-GLUTAMYLTRANSFERASE/bl	3768
27 GGT.ti.	126
28 HEMOGLOBINS/	51157
29 h?emoglobin\$.ti.	30783
30 HEMATOCRIT/	29026
31 h?ematocrit\$.ti.	2251
32 (peripheral adj3 blood adj3 smear\$.tw.	1229
33 RETICULOCYTE COUNT/	704
34 (reticulocyte\$ adj3 (count\$ or number\$)).tw.	2173
35 BLOOD GAS ANALYSIS/	17340
36 (blood adj3 gas\$.ti.	5204
37 (ABG and arterial).tw.	243
38 SERUM ALBUMIN/	35634
39 ((serum or plasma) adj3 albumin).tw.	42168
40 (total adj3 serum adj3 bilirubin\$.tw.	1268
41 (serum adj3 bilirubin\$ adj3 level\$.tw.	1838
42 tsb.tw.	510
43 BILIRUBIN/bl [Blood]	11384
44 (unconjugated adj3 bilirubin).tw.	855
45 (split adj3 bilirubin).tw.	3
46 URINALYSIS/	2820
47 (urine adj3 (test\$ or check\$ or analys?s or level\$)).tw.	12349
48 or/14-47	252812
49 and/5,13,48	1573
50 limit 49 to humans	1490
51 limit 50 to english language	1171

1  
2  
3  
4  
5  
6  
7  
8  
9  
10  
11

**EBM Reviews - Cochrane Central Register of Controlled Trials  
3rd Quarter 2008**

JAUN\_assess\_tests\_hyperbil\_cctr\_050908

#	Searches	Results
1	INFANT, PREMATURE/ preterm\$.tw.	1709 3074
2	INFANT, NEWBORN/ (newborn\$ or neonate\$).tw.	8435 4189
3	or/1-4	11391
4	HYPERBILIRUBINEMIA/ HYPERBILIRUBINEMIA, NEONATAL/ hyperbilirubin?emia\$.ti.	58 10 148
5	bilirubin?emia\$.ti.	4
6	((bilirubin\$ or hyperbilirubin\$) adj3 encephalopath\$).tw.	9
7	exp JAUNDICE/ jaundice\$.ti.	251 191
8	or/6-12	533
9	THYROID FUNCTION TESTS/ TSH.tw.	168 875
10	(thyroid adj3 stimulating adj3 hormone\$).tw.	294
11	(thyroidstimulating adj3 hormone\$).tw.	1
12	thyrotropin.ti.	231
13	(urine adj3 reducing adj3 substance\$).tw.	0
14	ASPARTATE AMINOTRANSFERASES/bl AST.ti.	584 18
15	ALANINE TRANSAMINASE/bl ALT.ti.	876 56
16	ALKALINE PHOSPHATASE/bl ALP.ti.	763 2
17	GAMMA-GLUTAMYLTRANSFERASE/bl GGT.ti.	169 2
18	HEMOGLOBINS/ h?emoglobin\$.ti.	1869 502

DRAFT FOR CONSULTATION

30 HEMATOCRIT/	1204
31 h?ematocrit\$.ti.	88
32 (peripheral adj3 blood adj3 smear\$).tw.	13
33 RETICULOCYTE COUNT/	94
34 (reticulocyte\$ adj3 (count\$ or number\$)).tw.	227
35 Blood GAS ANALYSIS/	831
36 (blood adj3 gas\$).ti.	357
37 (ABG and arterial).tw.	27
38 SERUM ALBUMIN/	742
39 ((serum or plasma) adj3 albumin).tw.	1295
40 (total adj3 serum adj3 bilirubin\$).tw.	110
41 (serum adj3 bilirubin\$ adj3 level\$).tw.	183
42 tsb.tw.	24
43 BILIRUBIN/bl [Blood]	483
44 (unconjugated adj3 bilirubin).tw.	19
45 (split adj3 bilirubin).tw.	0
46 URINALYSIS/	102
47 (urine adj3 (test\$ or check\$ or analys?s or level\$)).tw.	1091
48 or/14-47	10361
49 and/5,13,48	129

1  
2  
3  
4  
5  
6

**DARE, CDSR**

JAUN\_assess\_tests\_hyperbil\_cdsrdare\_050908

#	Searches	Results
1	INFANT, PREMATURE.kw.	207
2	preterm\$.tw.	560
3	INFANT, NEWBORN.kw.	595
4	(newborn\$ or neonate\$).tw.	954
5	or/1-4	1104
6	HYPERBILIRUBINEMIA.kw.	3
7	HYPERBILIRUBINEMIA, NEONATAL.kw.	1
8	hyperbilirubin?emia\$.ti.	2
9	bilirubin?emia\$.ti.	0
10	((bilirubin\$ or hyperbilirubin\$) adj3 encephalopath\$).tw.	5
11	JAUNDICE.kw.	13
12	jaundice\$.ti.	10
13	or/6-12	18

DRAFT FOR CONSULTATION

14 THYROID FUNCTION TESTS.kw.	1
15 TSH.tw.	27
16 (thyroid adj3 stimulating adj3 hormone\$.tw.	24
17 (thyroidstimulating adj3 hormone\$.tw.	0
18 thyrotropin.ti.	2
19 (urine adj3 reducing adj3 substance\$.tw.	0
20 ASPARTATE AMINOTRANSFERASES.kw.	2
21 AST.ti.	0
22 ALANINE TRANSAMINASE.kw.	8
23 ALT.ti.	0
24 ALKALINE PHOSPHATASE.kw.	0
25 ALP.ti.	0
26 GAMMA-GLUTAMYLTRANSFERASE.kw.	2
27 GGT.ti.	0
28 HEMOGLOBINS.kw.	14
29 h?emoglobin\$.ti.	6
30 HEMATOCRIT.kw.	7
31 h?ematocrit\$.ti.	1
32 (peripheral adj3 blood adj3 smear\$.tw.	3
33 RETICULOCYTE COUNT.kw.	0
34 (reticulocyte\$ adj3 (count\$ or number\$)).tw.	8
35 BLOOD GAS ANALYSIS.kw.	3
36 (blood adj3 gas\$.ti.	0
37 (ABG and arterial).tw.	6
38 SERUM ALBUMIN.kw.	9
39 ((serum or plasma) adj3 albumin).tw.	97
40 (total adj3 serum adj3 bilirubin\$.tw.	15
41 (serum adj3 bilirubin\$ adj3 level\$).tw.	23
42 tsb.tw.	1
43 BILIRUBIN.kw.	4
44 (unconjugated adj3 bilirubin).tw.	5
45 (split adj3 bilirubin).tw.	0
46 URINALYSIS.kw.	10
47 (urine adj3 (test\$ or check\$ or analys?s or level\$)).tw.	143
48 or/14-47	352
49 and/5,13,48	7

1

2

3 **CINAHL - Cumulative Index to Nursing & Allied Health**

4 **Literature 1982 to September Week 1 2008**



DRAFT FOR CONSULTATION

1  
2  
3

JAUN\_assess\_tests\_hyperbil\_cinahl\_050908

#	Searches	Results
1	INFANT, PREMATURE/ preterm\$.tw.	6174 5276
3	INFANT, NEWBORN/ (newborn\$ or neonate\$).tw. or/1-4	38718 9765 43532
6	HYPERBILIRUBINEMIA/ hyperbilirubin?emia\$.ti. bilirubin?emia\$.ti.	212 142 1
9	((bilirubin\$ or hyperbilirubin\$) adj3 encephalopath\$).tw.	26
10	JAUNDICE/ jaundice\$.ti. or/6-11	215 301 678
13	THYROID FUNCTION TESTS/ TSH.tw. (thyroid adj3 stimulating adj3 hormone\$).tw. (thyroidstimulating adj3 hormone\$).tw. thyrotropin.ti.	387 195 226 2 30
18	(urine adj3 reducing adj3 substance\$).tw.	0
19	ASPARATE AMINOTRANSFERASE/ AST.ti.	0 99
21	ALANINE AMINOTRANSFERASE/ ALT.ti.	381 26
23	ALKALINE PHOSPHATASE/ ALP.ti.	386 5
25	GAMMA-GLUTAMYLTRANSFERASE/ GGT.ti.	105 8
27	HEMOGLOBINS/ or HEMOGLOBIN A, GLYCOSYLATED/ h?emoglobin\$.ti. Hematocrit/ h?ematocrit\$.ti.	4835 660 910 110
31	(peripheral adj3 blood adj3 smear\$).tw.	49
32	RETICULOCYTE COUNT/ (reticulocyte\$ adj3 (count\$ or number\$)).tw.	36 88
34	BLOOD GAS ANALYSIS/ (blood adj3 gas\$).ti.	1598 380
36	(ABG and arterial).tw.	64

DRAFT FOR CONSULTATION

37 SERUM ALBUMIN/	808
38 ((serum or plasma) adj3 albumin).tw.	835
39 (total adj3 serum adj3 bilirubin\$).tw.	76
40 (serum adj3 bilirubin\$ adj3 level\$).tw.	70
41 tsb.tw.	34
42 BILIRUBIN/bl [Blood]	259
43 (unconjugated adj3 bilirubin).tw.	22
44 (split adj3 bilirubin).tw.	1
45 URINALYSIS/	2158
46 (urine adj3 (test\$ or check\$ or analys?s or level\$)).tw.	700
47 or/13-46	12776
48 and/5,12,47	128

1  
2  
3  
4  
5  
6  
7

**CINAHL EBSCO**

**JAUN\_assess\_tests\_hyperbil\_cinahl\_050908\_4**

#	Query	Limiters/Expanders	Last Run Via	Results
S55	S5 and S15 and S54	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search Database - CINAHL with Full Text	Display
S54	S16 or S17 or S18 or S19 or S20 or S21 or S22 or S23 or S24 or S25 or S26 or S27 or S28 or S29 or S30 or S31 or S32 or S33 or S34 or S35 or S36 or S37 or S38 or S39 or S40 or S41 or S42 or S43 or S44 or S45 or S46 or S47 or S48 or S49 or S50 or S51 or S52 or S53	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search Database - CINAHL with Full Text	Display

S53	AB (urine N3 test*) or AB (urine N3 check*) or AB (urine N3 analysis) or AB (urine N3 analyses) or AB (urine N3 level*)	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search Database - CINAHL with Full Text	Display
S52	TI (urine N3 test*) or TI (urine N3 check*) or TI (urine N3 analysis) or TI (urine N3 analyses) or TI (urine N3 level*)	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search Database - CINAHL with Full Text	Display
S51	MH URINALYSIS	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search Database - CINAHL with Full Text	Display
S50	TI (split bilirubin) or AB (split bilirubin)	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search Database - CINAHL with Full Text	Display
S49	TI (unconjugated N3 bilirubin) or AB (unconjugated N3 bilirubin)	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced	Display

			Search Database - CINAHL with Full Text	
S48	MH BILIRUBIN/BL	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search Database - CINAHL with Full Text	Display
S47	TI (tsb) or AB (tsb)	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search Database - CINAHL with Full Text	Display
S46	TI (serum albumin level*) or AB (total serum level*)	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search Database - CINAHL with Full Text	Display
S45	TI (total serum albumin) or AB (total serum albumin)	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search Database - CINAHL with Full Text	Display

DRAFT FOR CONSULTATION

S44	TI (plasma N3 albumin) or AB (plasma N3 albumin)	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search Database - CINAHL with Full Text	Display
S43	TI (serum N3 albumin) or AB (serum N3 albumin)	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search Database - CINAHL with Full Text	Display
S42	MH SERUM ALBUMIN	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search Database - CINAHL with Full Text	Display
S41	AB (ABG) and AB (arterial)	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search Database - CINAHL with Full Text	Display
S40	TI (ABG) and TI (arterial)	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced	Display

			Search Database - CINAHL with Full Text	
S39	TI (blood gas*)	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search Database - CINAHL with Full Text	Display
S38	MH BLOOD GAS ANALYSIS	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search Database - CINAHL with Full Text	Display
S37	TI (reticulocyte* N3 number*) or AB (reticulocyte* N3 number*)	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search Database - CINAHL with Full Text	Display
S36	TI (reticulocyte* N3 count*) or AB (reticulocyte* N3 count*)	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search Database - CINAHL with Full Text	Display

S35	MH RETICULOCYTE COUNT	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search Database - CINAHL with Full Text	Display
S34	TI (peripheral blood smear*) or AB (peripheral blood smear*)	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search Database - CINAHL with Full Text	Display
S33	MH HEMATOCRIT	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search Database - CINAHL with Full Text	Display
S32	TI (haemoglobin* or hemoglobin*)	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search Database - CINAHL with Full Text	Display
S31	MH HEMOGLOBIN A, GLYCOSYLATED	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced	Display

			Search Database - CINAHL with Full Text	
S30	MH HEMOGLOBINS	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search Database - CINAHL with Full Text	Display
S29	TI (GGT)	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search Database - CINAHL with Full Text	Display
S28	MH GAMMA-GLUTAMYLTRANSFERASE	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search Database - CINAHL with Full Text	Display
S27	TI (ALP)	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search Database - CINAHL with Full Text	Display



S26	MH ALKALINE PHOSPHATASE	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search Database - CINAHL with Full Text	Display
S25	TI (ALT)	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search Database - CINAHL with Full Text	Display
S24	MH ALANINE AMINOTRANSFERASE	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search Database - CINAHL with Full Text	Display
S23	TI (AST)	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search Database - CINAHL with Full Text	Display
S22	MH ASPARTATE AMINOTRANSFERASE	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced	Display

			Search Database - CINAHL with Full Text	
S21	TI (urine reducing substance*) or AB ((urine reducing substance*))	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search Database - CINAHL with Full Text	Display
S20	TI (thyrotropin) or AB ((thyrotropin))	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search Database - CINAHL with Full Text	Display
S19	TI (thyroidstimulating N3 hormone*) or AB (thyroidstimulating N3 hormone*)	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search Database - CINAHL with Full Text	Display
S18	TI (thyroid stimulating hormone*) or AB (thyroid stimulating hormone*)	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search Database - CINAHL with Full Text	Display

S17	TI (tsb) or AB (tsb)	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search Database - CINAHL with Full Text	Display
S16	MH THYROID FUNCTION TESTS	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search Database - CINAHL with Full Text	Display
S15	S6 or S7 or S8 or S9 or S10 or S11 or S12 or S13 or S14	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search Database - CINAHL with Full Text	Display
S14	(TI jaundice*)	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search Database - CINAHL with Full Text	Display
S13	MH JAUNDICE	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced	Display

			Search Database - CINAHL with Full Text	
S12	(AB "hyperbilirubin*" N3 "encephalopath*")	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search Database - CINAHL with Full Text	Display
S11	(TI "hyperbilirubin*" N3 "encephalopath*")	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search Database - CINAHL with Full Text	Display
S10	(AB "bilirubin*" N3 "encephalopath*")	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search Database - CINAHL with Full Text	Display
S9	(TI "bilirubin*" N3 "encephalopath*")	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search Database - CINAHL with Full Text	Display

S8	(TI "bilirubinaemia" OR "bilirubinemia")	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search Database - CINAHL with Full Text	Display
S7	(TI "hyperbilirubinemia" or "hyperbilirubinaemia")	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search Database - CINAHL with Full Text	Display
S6	MH HYPERBILIRUBINEMIA	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search Database - CINAHL with Full Text	Display
S5	S1 or S2 or S3 or S4	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search Database - CINAHL with Full Text	Display
S4	(TI "newborn*" or "neonate*") or (AB "newborn*" or "neonate*")	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced	Display

			Search Database - CINAHL with Full Text	
S3	MH INFANT, NEWBORN	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search Database - CINAHL with Full Text	Display
S2	(TI "preterm*") or (AB "preterm*")	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search Database - CINAHL with Full Text	Display
S1	MH INFANT, PREMATURE	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search Database - CINAHL with Full Text	Display

1  
2  
3  
4  
5  
6  
7  
8  
9  
10  
11

**Question: What should be included in a formal assessment of a baby with neonatal hyperbilirubinaemia? Search 2. GDG requested a search on three additional tests G6PD, Coomb's and complete blood count.**

**Ovid MEDLINE(R) 1950 to October Week 1 2008**

DRAFT FOR CONSULTATION

1 JAUN\_assess\_tests\_hyperbil\_SEARCH2\_medline\_091008

2

#	Searches	Results
1	INFANT, PREMATURE/ preterm\$.tw.	33074 29486
3	INFANT, NEWBORN/ (newborn\$ or neonate\$).tw.	426267 139364
5	or/1-4	484217
6	HYPERBILIRUBINEMIA/ HYPERBILIRUBINEMIA, NEONATAL/ hyperbilirubin?emia\$.ti.	3433 176 2206
9	bilirubin?emia\$.ti.	149
10	((bilirubin\$ or hyperbilirubin\$) adj3 encephalopath\$).tw.	286
11	exp JAUNDICE/ jaundice\$.ti.	10081 9855
13	KERNICTERUS/ kernicterus\$.ti.	896 363
15	or/6-14	20648
16	Glucosephosphate Dehydrogenase Deficiency/ Coombs' Test/ BLOOD GROUP INCOMPATIBILITY/ G6PD.tw.	3783 4021 4890 2704
20	BLOOD CELL COUNT/ complete blood count\$.tw.	17683 1926
22	or/16-21	33131
23	and/5,15,22	476
24	limit 23 to (english language and humans)	314

3

4

5 **EBM Reviews - Cochrane Central Register of Controlled Trials**  
6 **3rd Quarter 2008**

7

8 JAUN\_assess\_tests\_hyperbil\_SEARCH2\_cctr\_091008

9

#	Searches	Results
1	INFANT, PREMATURE/ preterm\$.tw.	1709 3074
3	INFANT, NEWBORN/ (newborn\$ or neonate\$).tw.	8435 4189
5	or/1-4	11391
6	HYPERBILIRUBINEMIA/	58

DRAFT FOR CONSULTATION

7	HYPERBILIRUBINEMIA, NEONATAL/	10
8	hyperbilirubin?emia\$.ti.	148
9	bilirubin?emia\$.ti.	4
10	((bilirubin\$ or hyperbilirubin\$) adj3 encephalopath\$).tw.	9
11	exp JAUNDICE/	251
12	jaundice\$.ti.	191
13	KERNICTERUS/	2
14	kernicterus\$.ti.	3
15	or/6-14	536
16	Glucosephosphate Dehydrogenase Deficiency/	25
17	Coombs' Test/	18
18	BLOOD GROUP INCOMPATIBILITY/	41
19	G6PD.tw.	26
20	BLOOD CELL COUNT/	542
21	complete blood count\$.tw.	157
22	or/16-21	785
23	and/5,15,22	19

1  
2  
3  
4  
5  
6

**DARE, CDSR**

JAUN\_assess\_tests\_hyperbil\_SEARCH2\_cdsrdare\_091008

#	Searches	Results
1	INFANT, PREMATURE.kw.	207
2	preterm\$.tw,tx.	560
3	INFANT, NEWBORN.kw.	595
4	(newborn\$ or neonate\$).tw,tx.	954
5	or/1-4	1104
6	HYPERBILIRUBINEMIA.kw.	3
7	HYPERBILIRUBINEMIA, NEONATAL.kw.	1
8	hyperbilirubin?emia\$.ti.	2
9	bilirubin?emia\$.ti.	0
10	((bilirubin\$ or hyperbilirubin\$) adj3 encephalopath\$).tw,tx.	5
11	JAUNDICE.kw.	13
12	jaundice\$.ti.	10
13	KERNICTERUS.kw.	1
14	kernicterus\$.ti.	0
15	or/6-14	18



DRAFT FOR CONSULTATION

16 Glucosephosphate Dehydrogenase Deficiency.kw.	0
17 Coombs' Test.kw.	0
18 BLOOD GROUP INCOMPATIBILITY.kw.	1
19 G6PD.tw,tx.	6
20 BLOOD CELL COUNT.kw.	4
21 complete blood count\$.tw,tx.	14
22 or/16-21	23
23 and/5,15,22	2

1  
2  
3  
4  
5  
6

**EMBASE 1980 to 2008 Week 40**

JAUN\_assess\_tests\_hyperbil\_SEARCH2\_embase\_091008

#	Searches	Results
1	PREMATURITY/	28910
2	preterm\$.tw.	26207
3	NEWBORN/	177050
4	(newborn\$ or neonate\$).tw.	96324
5	or/1-4	237012
6	HYPERBILIRUBINEMIA/	5618
7	hyperbilirubin?emia\$.ti.	1053
8	bilirubin?emia\$.ti.	15
9	((bilirubin\$ or hyperbilirubin\$) adj3 encephalopath\$).tw.	244
10	JAUNDICE/	9651
11	NEWBORN JAUNDICE/	1719
12	jaundice\$.ti.	3621
13	KERNICTERUS/	704
14	kernicterus\$.ti.	149
15	or/6-14	17878
16	GLUCOSE 6 PHOSPHATE DEHYDROGENASE DEFICIENCY/	1527
17	G6PD.tw.	2020
18	COOMBS TEST/	1620
19	exp BLOOD CELL COUNT/	64937
20	complete blood count\$.tw.	1670
21	exp BLOOD GROUP INCOMPATIBILITY/	2599
22	or/16-21	72155
23	and/5,15,22	381

7  
8

1 **CINAHL - Cumulative Index to Nursing & Allied Health**  
 2 **Literature 1982 to October Week 1 2008**

3  
 4  
 5

JAUN\_assess\_tests\_hyperbil\_SEARCH2\_cinahl\_091008

#	Searches	Results
1	INFANT, PREMATURE/ preterm\$.tw.	6268
2	INFANT, NEWBORN/ (newborn\$ or neonate\$).tw.	5352
3	or/1-4	39143
4	HYPERBILIRUBINEMIA/ hyperbilirubin?emia\$.ti.	9892
5	bilirubin?emia\$.ti.	44044
6	((bilirubin\$ or hyperbilirubin\$) adj3 encephalopath\$).tw.	215
7	JAUNDICE/ jaundice\$.ti.	27
8	Kernicterus/ kernicterus\$.ti.	221
9	or/6-13	301
10	G6PD.tw.	101
11	Glucose-6-phosphate dehydrogenase.tw.	40
12	Coombs' Test/ exp Blood Group Incompatibility/ Blood Cell Count/ complete blood count\$.tw.	727
13	or/15-20	45
14	and/5,14,21	88
15		34
16		580
17		569
18		187
19		1395
20		126

6  
 7  
 8  
 9  
 10  
 11

**CINAHL EBSCO**

JAUN\_assess\_tests\_hyperbil\_search2\_cinahl\_091008\_2

#	Query	Limiters/Expanders	Last Run Via	Results
S25	S5 and S17 and S24	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search	Display

DRAFT FOR CONSULTATION

			Database - CINAHL with Full Text	
S24	S18 or S19 or S20 or S21 or S22 or S23	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search Database - CINAHL with Full Text	Display
S23	TI (complete blood count*) or AB (complete blood count*)	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search Database - CINAHL with Full Text	Display
S22	MH BLOOD CELL COUNT	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search Database - CINAHL with Full Text	Display
S21	MH BLOOD GROUP INCOMPATIBILITY+	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search Database - CINAHL with Full Text	Display
S20	MH COOMBS' TEST	Search modes -	Interface -	Display

		Boolean/Phrase	EBSCOhost Search Screen - Advanced Search Database - CINAHL with Full Text	
S19	TI (glucose 6 phosphate dehydrogenase) or AB (glucose 6 phosphate dehydrogenase)	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search Database - CINAHL with Full Text	Display
S18	TI (G6PD) or AB (G6PD)	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search Database - CINAHL with Full Text	Display
S17	S6 or S7 or S8 or S9 or S10 or S11 or S12 or S13 or S14 or S15 or S16	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search Database - CINAHL with Full Text	Display
S16	(TI "kernicterus*")	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search	Display

DRAFT FOR CONSULTATION

			Database - CINAHL with Full Text	
S15	MH KERNICTERUS	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search Database - CINAHL with Full Text	Display
S14	(TI jaundice*)	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search Database - CINAHL with Full Text	Display
S13	MH JAUNDICE	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search Database - CINAHL with Full Text	Display
S12	(AB "hyperbilirubin*" N3 "encephalopath*")	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search Database - CINAHL with Full Text	Display
S11	(TI "hyperbilirubin*")	Search modes -	Interface -	Display

	N3 "encephalopath*")	Boolean/Phrase	EBSCOhost Search Screen - Advanced Search Database - CINAHL with Full Text	
S10	(AB "bilirubin*" N3 "encephalopath*")	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search Database - CINAHL with Full Text	Display
S9	(TI "bilirubin*" N3 "encephalopath*")	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search Database - CINAHL with Full Text	Display
S8	(TI "bilirubinaemia" OR "bilirubinemia")	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search Database - CINAHL with Full Text	Display
S7	(TI "hyperbilirubinemia" or "hyperbilirubinaemia")	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search	Display

DRAFT FOR CONSULTATION

			Database - CINAHL with Full Text	
S6	MH HYPERBILIRUBINEMIA	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search Database - CINAHL with Full Text	Display
S5	S1 or S2 or S3 or S4	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search Database - CINAHL with Full Text	Display
S4	(TI "newborn*" or "neonate*") or (AB "newborn*" or "neonate*")	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search Database - CINAHL with Full Text	Display
S3	MH INFANT, NEWBORN	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search Database - CINAHL with Full Text	Display
S2	(TI "preterm*") or	Search modes -	Interface -	Display

	(AB "preterm*")	Boolean/Phrase	EBSCOhost Search Screen - Advanced Search Database - CINAHL with Full Text	
S1	MH INFANT, PREMATURE	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search Database - CINAHL with Full Text	Display

1  
2  
3  
4  
5  
6  
7  
8  
9  
10  
11

**Question: What should be included in a formal assessment of a baby with neonatal hyperbilirubinaemia? Economic Evaluation**

**Ovid MEDLINE(R) 1950 to September Week 3 2008**

JAUN\_assess\_tests\_hyperbil\_economic\_medline\_240908

#	Searches	Results
1	costs.tw.	77470
2	cost effective\$.tw.	44545
3	economic.tw.	66685
4	or/1-3	163873
5	(metabolic adj cost).tw.	486
6	((energy or oxygen) adj cost).tw.	2052
7	4 not (5 or 6)	163640
8	INFANT, PREMATURE/	32893
9	preterm\$.tw.	29239
10	INFANT, NEWBORN/	424897
11	(newborn\$ or neonate\$).tw.	138853
12	or/8-11	482616
13	HYPERBILIRUBINEMIA/	3420



DRAFT FOR CONSULTATION

14 HYPERBILIRUBINEMIA, NEONATAL/	173
15 hyperbilirubin?emia\$.ti.	2198
16 bilirubin?emia\$.ti.	149
17 ((bilirubin\$ or hyperbilirubin\$) adj3 encephalopath\$).tw.	286
18 exp JAUNDICE/	10062
19 jaundice\$.ti.	9844
20 or/13-19	20052
21 THYROID FUNCTION TESTS/	11346
22 TSH.tw.	20306
23 (thyroid adj3 stimulating adj3 hormone\$).tw.	6104
24 (thyroidstimulating adj3 hormone\$).tw.	11
25 thyrotropin.ti.	7581
26 (urine adj3 reducing adj3 substance\$).tw.	8
27 ASPARTATE AMINOTRANSFERASES/bl	14626
28 AST.ti.	206
29 ALANINE TRANSAMINASE/bl	15609
30 ALT.ti.	344
31 ALAKALINE PHOSPHATASE/bl	0
32 ALP.ti.	133
33 GAMMA-GLUTAMYLTRANSFERASE/bl	3777
34 GGT.ti.	126
35 HEMOGLOBINS/	51235
36 h?emoglobin\$.ti.	30815
37 HEMATOCRIT/	29045
38 h?ematocrit\$.ti.	2251
39 (peripheral adj3 blood adj3 smear\$).tw.	1233
40 RETICULOCYTE COUNT/	705
41 (reticulocyte\$ adj3 (count\$ or number\$)).tw.	2177
42 BLOOD GAS ANALYSIS/	17355
43 (blood adj3 gas\$).ti.	5207
44 (ABG and arterial).tw.	244
45 SERUM ALBUMIN/	35685
46 ((serum or plasma) adj3 albumin).tw.	42274
47 (total adj3 serum adj3 bilirubin\$).tw.	1281
48 (serum adj3 bilirubin\$ adj3 level\$).tw.	1850
49 tsb.tw.	512
50 BILIRUBIN/bl [Blood]	11401
51 (unconjugated adj3 bilirubin).tw.	859
52 (split adj3 bilirubin).tw.	3

DRAFT FOR CONSULTATION

53 URINALYSIS/	2841
54 (urine adj3 (test\$ or check\$ or analys?s or level\$)).tw.	12386
55 or/21-54	253225
56 and/12,20,55	1576
57 limit 56 to humans	1493
58 limit 57 to english language	1173
59 and/7,12,20,58	14

1  
2  
3  
4  
5  
6  
7

**EBM Reviews - Cochrane Central Register of Controlled Trials  
3rd Quarter 2008**

JAUN\_assess\_tests\_hyperbil\_economic\_cctr\_240908

#	Searches	Results
1	costs.tw.	5410
2	cost effective\$.tw.	4135
3	economic.tw.	2275
4	or/1-3	8908
5	(metabolic adj cost).tw.	38
6	((energy or oxygen) adj cost).tw.	178
7	4 not (5 or 6)	8898
8	INFANT, PREMATURE/	1709
9	preterm\$.tw.	3074
10	INFANT, NEWBORN/	8435
11	(newborn\$ or neonate\$).tw.	4189
12	or/8-11	11391
13	HYPERBILIRUBINEMIA/	58
14	HYPERBILIRUBINEMIA, NEONATAL/	10
15	hyperbilirubin?emia\$.ti.	148
16	bilirubin?emia\$.ti.	4
17	((bilirubin\$ or hyperbilirubin\$) adj3 encephalopath\$).tw.	9
18	exp JAUNDICE/	251
19	jaundice\$.ti.	191
20	or/13-19	533
21	THYROID FUNCTION TESTS/	168
22	TSH.tw.	875
23	(thyroid adj3 stimulating adj3 hormone\$).tw.	294
24	(thyroidstimulating adj3 hormone\$).tw.	1
25	thyrotropin.ti.	231

DRAFT FOR CONSULTATION

26 (urine adj3 reducing adj3 substance\$).tw.	0
27 ASPARTATE AMINOTRANSFERASES/bi	584
28 AST.ti.	18
29 ALANINE TRANSAMINASE/bi	876
30 ALT.ti.	56
31 ALKALINE PHOSPHATASE/bi	763
32 ALP.ti.	2
33 GAMMA-GLUTAMYLTRANSFERASE/bi	169
34 GGT.ti.	2
35 HEMOGLOBINS/	1869
36 h?emoglobin\$.ti.	502
37 HEMATOCRIT/	1204
38 h?ematocrit\$.ti.	88
39 (peripheral adj3 blood adj3 smear\$).tw.	13
40 RETICULOCYTE COUNT/	94
41 (reticulocyte\$ adj3 (count\$ or number\$)).tw.	227
42 Blood GAS ANALYSIS/	831
43 (blood adj3 gas\$).ti.	357
44 (ABG and arterial).tw.	27
45 SERUM ALBUMIN/	742
46 ((serum or plasma) adj3 albumin).tw.	1295
47 (total adj3 serum adj3 bilirubin\$).tw.	110
48 (serum adj3 bilirubin\$ adj3 level\$).tw.	183
49 tsb.tw.	24
50 BILIRUBIN/bi [Blood]	483
51 (unconjugated adj3 bilirubin).tw.	19
52 (split adj3 bilirubin).tw.	0
53 URINALYSIS/	102
54 (urine adj3 (test\$ or check\$ or analys?s or level\$)).tw.	1091
55 or/21-54	10361
56 and/7,12,20,55	3

1  
2  
3  
4  
5  
6  
7

**EBM Reviews - Health Technology Assessment 3rd Quarter 2008**

JAUN\_assess\_tests\_hyperbil\_economic\_hta\_240908

#	Searches	Results
1	costs.tw.	1155

DRAFT FOR CONSULTATION

2	cost effective\$.tw.	915
3	economic.tw.	682
4	or/1-3	1657
5	(metabolic adj cost).tw.	0
6	((energy or oxygen) adj cost).tw.	0
7	4 not (5 or 6)	1657
8	INFANT, PREMATURE/	9
9	preterm\$.tw.	22
10	INFANT, NEWBORN/	65
11	(newborn\$ or neonate\$).tw.	99
12	or/8-11	121
13	HYPERBILIRUBINEMIA/	4
14	HYPERBILIRUBINEMIA, NEONATAL/	1
15	hyperbilirubin?emia\$.ti.	3
16	bilirubin?emia\$.ti.	0
17	((bilirubin\$ or hyperbilirubin\$) adj3 encephalopath\$).tw.	1
18	exp JAUNDICE/	1
19	jaundice\$.ti.	3
20	or/13-19	8
21	THYROID FUNCTION TESTS/	3
22	TSH.tw.	1
23	(thyroid adj3 stimulating adj3 hormone\$).tw.	2
24	(thyroidstimulating adj3 hormone\$).tw.	0
25	thyrotropin.ti.	0
26	(urine adj3 reducing adj3 substance\$).tw.	0
27	ASPARTATE AMINOTRANSFERASES/bl	0
28	AST.ti.	0
29	ALANINE TRANSAMINASE/bl	0
30	ALT.ti.	0
31	ALAKALINE PHOSPHATASE/bl	0
32	ALP.ti.	0
33	GAMMA-GLUTAMYLTRANSFERASE/bl	0
34	GGT.ti.	0
35	HEMOGLOBINS/	2
36	h?emoglobin\$.ti.	9
37	HEMATOCRIT/	1
38	h?ematocrit\$.ti.	0
39	(peripheral adj3 blood adj3 smear\$).tw.	0
40	RETICULOCYTE COUNT/	0

DRAFT FOR CONSULTATION

41 (reticulocyte\$ adj3 (count\$ or number\$)).tw.	0
42 BLOOD GAS ANALYSIS/	3
43 (blood adj3 gas\$.ti.	2
44 (ABG and arterial).tw.	0
45 SERUM ALBUMIN/	5
46 ((serum or plasma) adj3 albumin).tw.	7
47 (total adj3 serum adj3 bilirubin\$).tw.	0
48 (serum adj3 bilirubin\$ adj3 level\$).tw.	1
49 tsb.tw.	1
50 BILIRUBIN/bi [Blood]	0
51 (unconjugated adj3 bilirubin).tw.	0
52 (split adj3 bilirubin).tw.	0
53 URINALYSIS/	5
54 (urine adj3 (test\$ or check\$ or analys?s or level\$)).tw.	7
55 or/21-54	38
56 and/7,12,20,55	1

1  
2  
3  
4  
5  
6  
7

**EBM Reviews - NHS Economic Evaluation Database 3rd Quarter 2008**

JAUN\_assess\_tests\_hyperbil\_economic\_nhseed\_240908

#	Searches	Results
1	costs.tw.	17348
2	cost effective\$.tw.	8488
3	economic.tw.	23373
4	or/1-3	23646
5	(metabolic adj cost).tw.	0
6	((energy or oxygen) adj cost).tw.	0
7	4 not (5 or 6)	23646
8	INFANT, PREMATURE/	77
9	preterm\$.tw.	79
10	INFANT, NEWBORN/	861
11	(newborn\$ or neonate\$).tw.	925
12	or/8-11	948
13	HYPERBILIRUBINEMIA/	2
14	HYPERBILIRUBINEMIA, NEONATAL/	1
15	hyperbilirubin?emia\$.ti.	1
16	bilirubin?emia\$.ti.	0

DRAFT FOR CONSULTATION

17 ((bilirubin\$ or hyperbilirubin\$) adj3 encephalopath\$).tw.	0
18 exp JAUNDICE/	5
19 jaundice\$.ti.	8
20 or/13-19	14
21 THYROID FUNCTION TESTS/	1
22 TSH.tw.	8
23 (thyroid adj3 stimulating adj3 hormone\$).tw.	12
24 (thyroidstimulating adj3 hormone\$).tw.	0
25 thyrotropin.ti.	2
26 (urine adj3 reducing adj3 substance\$).tw.	0
27 ASPARTATE AMINOTRANSFERASES/bl	1
28 AST.ti.	0
29 ALANINE TRANSAMINASE/bl	10
30 ALT.ti.	0
31 ALAKALINE PHOSPHATASE/bl	0
32 ALP.ti.	0
33 GAMMA-GLUTAMYLTRANSFERASE/bl	0
34 GGT.ti.	0
35 HEMOGLOBINS/	34
36 h?emoglobin\$.ti.	14
37 HEMATOCRIT/	17
38 h?ematocrit\$.ti.	1
39 (peripheral adj3 blood adj3 smear\$).tw.	0
40 RETICULOCYTE COUNT/	3
41 (reticulocyte\$ adj3 (count\$ or number\$)).tw.	7
42 BLOOD GAS ANALYSIS/	9
43 (blood adj3 gas\$).ti.	3
44 (ABG and arterial).tw.	3
45 SERUM ALBUMIN/	13
46 ((serum or plasma) adj3 albumin).tw.	29
47 (total adj3 serum adj3 bilirubin\$).tw.	5
48 (serum adj3 bilirubin\$ adj3 level\$).tw.	5
49 tsb.tw.	0
50 BILIRUBIN/bl [Blood]	4
51 (unconjugated adj3 bilirubin).tw.	0
52 (split adj3 bilirubin).tw.	0
53 URINALYSIS/	24
54 (urine adj3 (test\$ or check\$ or analys?s or level\$)).tw.	50
55 or/21-54	209

56 and/7,12,20,55

3

1  
2  
3  
4  
5  
6  
7**EBM Reviews - NHS Economic Evaluation Database 3rd Quarter 2008**

JAUN\_assess\_tests\_hyperbil\_economic\_nhseed\_240908

#	Searches	Results
1	costs.tw.	17348
2	cost effective\$.tw.	8488
3	economic.tw.	23373
4	or/1-3	23646
5	(metabolic adj cost).tw.	0
6	((energy or oxygen) adj cost).tw.	0
7	4 not (5 or 6)	23646
8	INFANT, PREMATURE/	77
9	preterm\$.tw.	79
10	INFANT, NEWBORN/	861
11	(newborn\$ or neonate\$).tw.	925
12	or/8-11	948
13	HYPERBILIRUBINEMIA/	2
14	HYPERBILIRUBINEMIA, NEONATAL/	1
15	hyperbilirubin?emia\$.ti.	1
16	bilirubin?emia\$.ti.	0
17	((bilirubin\$ or hyperbilirubin\$) adj3 encephalopath\$).tw.	0
18	exp JAUNDICE/	5
19	jaundice\$.ti.	8
20	or/13-19	14
21	THYROID FUNCTION TESTS/	1
22	TSH.tw.	8
23	(thyroid adj3 stimulating adj3 hormone\$).tw.	12
24	(thyroidstimulating adj3 hormone\$).tw.	0
25	thyrotropin.ti.	2
26	(urine adj3 reducing adj3 substance\$).tw.	0
27	ASPARTATE AMINOTRANSFERASES/bl	1
28	AST.ti.	0
29	ALANINE TRANSAMINASE/bl	10
30	ALT.ti.	0
31	ALAKALINE PHOSPHATASE/bl	0

DRAFT FOR CONSULTATION

32 ALP.ti.	0
33 GAMMA-GLUTAMYLTRANSFERASE/bi	0
34 GGT.ti.	0
35 HEMOGLOBINS/	34
36 h?emoglobin\$.ti.	14
37 HEMATOCRIT/	17
38 h?ematocrit\$.ti.	1
39 (peripheral adj3 blood adj3 smear\$).tw.	0
40 RETICULOCYTE COUNT/	3
41 (reticulocyte\$ adj3 (count\$ or number\$)).tw.	7
42 BLOOD GAS ANALYSIS/	9
43 (blood adj3 gas\$).ti.	3
44 (ABG and arterial).tw.	3
45 SERUM ALBUMIN/	13
46 ((serum or plasma) adj3 albumin).tw.	29
47 (total adj3 serum adj3 bilirubin\$).tw.	5
48 (serum adj3 bilirubin\$ adj3 level\$).tw.	5
49 tsb.tw.	0
50 BILIRUBIN/bi [Blood]	4
51 (unconjugated adj3 bilirubin).tw.	0
52 (split adj3 bilirubin).tw.	0
53 URINALYSIS/	24
54 (urine adj3 (test\$ or check\$ or analys?s or level\$)).tw.	50
55 or/21-54	209
56 and/7,12,20,55	3

1  
2  
3  
4  
5  
6  
7  
8  
9  
10

**Question: How effective is phototherapy?Restricted to SRs, meta-analysis and controlled trials**

**Ovid MEDLINE(R) 1950 to October Week 1 2008**

**JAUN\_phototherapy\_medline\_131008**

#	Searches	Results
1	randomized controlled trial.pt.	266806
2	controlled clinical trial.pt.	80365
3	DOUBLE BLIND METHOD/	100865
4	SINGLE BLIND METHOD/	12612
5	RANDOM ALLOCATION/	63127



DRAFT FOR CONSULTATION

6	RANDOMIZED CONTROLLED TRIALS/	57538
7	or/1-6	450144
8	((single or double or triple or treble) adj5 (blind\$ or mask\$)).tw,sh.	98482
9	clinical trial.pt.	459524
10	exp CLINICAL TRIAL/	567163
11	exp CLINICAL TRIALS AS TOPIC/	213054
12	(clinic\$ adj5 trial\$).tw,sh.	133527
13	PLACEBOS/	28238
14	placebo\$.tw,sh.	127827
15	random\$.tw,sh.	565894
16	or/8-15	993442
17	or/7,16	998089
18	META ANALYSIS/	19747
19	META ANALYSIS AS TOPIC/	8778
20	meta analysis.pt.	19747
21	(metaanaly\$ or meta-analy\$ or (meta adj analy\$)).tw,sh.	34987
22	(systematic\$ adj5 (review\$ or overview\$)).tw,sh.	18625
23	(methodologic\$ adj5 (review\$ or overview\$)).tw,sh.	1956
24	or/18-23	48895
25	review\$.pt.	1430230
26	(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.	31879
27	((hand or manual\$) adj2 search\$).tw.	3522
28	(electronic database\$ or bibliographic database\$ or computerized database\$ or online database\$).tw,sh.	5442
29	(pooling or pooled or mantel haenszel).tw,sh.	30059
30	(peto or dersimonian or der simonian or fixed effect).tw,sh.	1397
31	or/26-30	63968
32	and/25,31	27218
33	or/24,32	64812
34	letter.pt.	650354
35	case report.tw.	138957
36	comment.pt.	372091
37	editorial.pt.	231976
38	historical article.pt.	257421
39	or/34-38	1320137

DRAFT FOR CONSULTATION

40	17 not 39	961091
41	33 not 39	61188
	<b>42 or/40-41</b>	<b>992333</b>
43	INFANT, PREMATURE/	33074
44	preterm\$.tw.	29486
45	INFANT, NEWBORN/	426267
46	(newborn\$ or neonate\$).tw.	139364
	<b>47 or/43-46</b>	<b>484217</b>
48	exp PHOTOTHERAPY/	20273
49	JAUNDICE, NEONATAL/th [Therapy]	1470
50	LIGHT/th [Therapy]	7
51	(light adj3 therap\$).tw.	1488
52	(photoradiation adj3 therap\$).tw.	176
53	bilibed.tw.	7
54	biliblanket\$.tw.	12
55	(wallaby or wallabies).tw.	918
56	(optic adj2 fibre\$).tw.	1075
57	light.ti.	55786
58	(hill?rom adj microlite).tw.	0
59	hill rom microlite.tw.	0
60	(Draeger adj2 phototherap\$).tw.	0
61	medestime.tw.	0
62	neoblue\$.tw.	2
63	light emitting diode\$.tw.	1280
64	(LED and light).tw.	5808
65	(fluorescen\$ adj3 light\$).tw.	3557
66	(halogen adj3 light\$).tw.	342
67	(sunlight or heliotherap\$).tw.	5119
68	ohmeda.tw.	382
69	medela.tw.	12
	<b>70 or/48-69</b>	<b>89832</b>
71	and/42,47,70	276

1  
2  
3  
4  
5  
6  
7

**EBM Reviews - Cochrane Central Register of Controlled Trials  
3rd Quarter 2008**

JAUN\_phototherapy\_cctr\_131008

#	Searches	Results
---	----------	---------

DRAFT FOR CONSULTATION

1	randomized controlled trial.pt.	246310
2	controlled clinical trial.pt.	75338
3	DOUBLE BLIND METHOD/	81099
4	SINGLE BLIND METHOD/	7643
5	RANDOM ALLOCATION/	20221
6	RANDOMIZED CONTROLLED TRIALS/	0
7	or/1-6	317038
8	((single or double or triple or treble) adj5 (blind\$ or mask\$)).tw,sh.	106559
9	clinical trial.pt.	273458
10	exp CLINICAL TRIAL/	0
11	exp CLINICAL TRIALS AS TOPIC/	0
12	(clinic\$ adj5 trial\$).tw,sh.	35204
13	PLACEBOS/	18244
14	placebo\$.tw,sh.	105601
15	random\$.tw,sh.	241696
16	or/8-15	386437
17	or/7,16	397360
18	META ANALYSIS/	0
19	META ANALYSIS AS TOPIC/	171
20	meta analysis.pt.	476
21	(metaanaly\$ or meta-analy\$ or (meta adj analy\$)).tw,sh.	1056
22	(systematic\$ adj5 (review\$ or overview\$)).tw,sh.	250
23	(methodologic\$ adj5 (review\$ or overview\$)).tw,sh.	26
24	or/18-23	1452
25	review\$.pt.	2654
26	(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.	406
27	((hand or manual\$) adj2 search\$).tw.	38
28	(electronic database\$ or bibliographic database\$ or computeri?ed database\$ or online database\$).tw,sh.	61
29	(pooling or pooled or mantel haenszel).tw,sh.	2046
30	(peto or dersimonian or der simonian or fixed effect).tw,sh.	31
31	or/26-30	2491
32	and/25,31	93
33	or/24,32	1515
34	letter.pt.	4483

DRAFT FOR CONSULTATION

35 case report.tw.	149
36 comment.pt.	1562
37 editorial.pt.	280
38 historical article.pt.	58
39 or/34-38	5258
40 17 not 39	392251
41 33 not 39	1481
42 or/40-41	392505
43 INFANT, PREMATURE/	1709
44 preterm\$.tw.	3074
45 INFANT, NEWBORN/	8435
46 (newborn\$ or neonate\$).tw.	4189
47 or/43-46	11391
48 exp PHOTOTHERAPY/	1159
49 JAUNDICE, NEONATAL/th [Therapy]	94
50 LIGHT/th [Therapy]	0
51 (light adj3 therap\$).tw.	273
52 (photoradiation adj3 therap\$).tw.	0
53 bilibed.tw.	1
54 biliblanket\$.tw.	8
55 (wallaby or wallabies).tw.	5
56 (optic adj2 fibre\$).tw.	44
57 light.ti.	1135
58 (hill?rom adj microlite).tw.	0
59 hill rom microlite.tw.	0
60 (Draeger adj2 phototherap\$).tw.	0
61 medestime.tw.	0
62 neoblue\$.tw.	0
63 light emitting diode\$.tw.	50
64 (LED and light).tw.	127
65 (fluorescen\$ adj3 light\$).tw.	80
66 (halogen adj3 light\$).tw.	30
67 (sunlight or heliotherap\$).tw.	129
68 ohmeda.tw.	58
69 medela.tw.	2
70 or/48-69	2445
71 and/42,47,70	164

1  
2  
3

**DARE, CDSR**

DRAFT FOR CONSULTATION

1  
2 JAUN\_phototherapy\_cdsrdare\_131008  
3

#	Searches	Results
1	randomized controlled trial.pt.	0
2	controlled clinical trial.pt.	0
3	DOUBLE BLIND METHOD.kw.	225
4	SINGLE BLIND METHOD.kw.	16
5	RANDOM ALLOCATION.kw.	11
6	RANDOMIZED CONTROLLED TRIALS.kw.	5625
7	or/1-6	5668
8	((single or double or triple or treble) adj5 (blind\$ or mask\$)).tw,sh.	3814
9	clinical trial.pt.	0
10	CLINICAL TRIAL.kw.	0
11	CLINICAL TRIALS AS TOPIC.kw.	124
12	(clinic\$ adj5 trial\$).tw,sh.	5952
13	PLACEBOS.kw.	107
14	placebo\$.tw,sh.	5335
15	random\$.tw,sh.	11318
16	or/8-15	11713
17	or/7,16	11713
18	META ANALYSIS.kw.	159
19	META ANALYSIS AS TOPIC.kw.	26
20	meta analysis.pt.	0
21	(metaanaly\$ or meta-analy\$ or (meta adj analy\$)).tw,sh.	7880
22	(systematic\$ adj5 (review\$ or overview\$)).tw,sh.	7752
23	(methodologic\$ adj5 (review\$ or overview\$)).tw,sh.	2902
24	or/18-23	11535
25	review\$.pt.	0
26	(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.	11215
27	((hand or manual\$) adj2 search\$).tw.	1874
28	(electronic database\$ or bibliographic database\$ or computeri?ed database\$ or online database\$).tw,sh.	2540
29	(pooling or pooled or mantel haenszel).tw,sh.	5741
30	(peto or dersimonian or der simonian or fixed effect).tw,sh.	3818
31	or/26-30	11382

DRAFT FOR CONSULTATION

32 and/25,31	0
33 or/24,32	11535
34 letter.pt.	0
35 case report.tw.	114
36 comment.pt.	0
37 editorial.pt.	0
38 historical article.pt.	0
39 or/34-38	114
40 17 not 39	11613
41 33 not 39	11439
42 or/40-41	12882
43 INFANT, PREMATURE.kw.	207
44 preterm\$.tw,tx.	560
45 INFANT, NEWBORN.kw.	595
46 (newborn\$ or neonate\$).tw,tx.	954
47 or/43-46	1104
48 PHOTOTHERAPY.kw.	21
49 JAUNDICE, NEONATAL.kw.	7
50 LIGHT.kw.	11
51 (light adj3 therap\$).tw,tx.	51
52 (photoradiation adj3 therap\$).tw,tx.	0
53 bilibed\$.tw,tx.	0
54 biliblanket\$.tw,tx.	1
55 (wallaby or wallabies).tw,tx.	1
56 (optic adj2 fibre\$).tw,tx.	12
57 light.ti.	15
58 (hill?rom adj microlite).tw,tx.	0
59 hill rom microlite.tw,tx.	0
60 (Draeger adj2 phototherap\$).tw,tx.	0
61 medestime.tw,tx.	0
62 neoblue\$.tw,tx.	0
63 light emitting diode\$.tw,tx.	2
64 (LED and light).tw,tx.	250
65 (fluorescen\$ adj3 light\$).tw,tx.	5
66 (halogen adj3 light\$).tw,tx.	1
67 (sunlight or heliotherap\$).tw,tx.	30
68 ohmeda.tw,tx.	2
69 medela.tw.	0
70 or/48-69	352

71 and/42,47,70

42

1  
2  
3  
4  
5  
6**EMBASE 1980 to 2008 Week 41****JAUN\_phototherapy\_embase\_131008**

#	Searches	Results
1	CLINICAL TRIALS/	519099
2	(clinic\$ adj5 trial\$).ti,ab,sh.	122674
3	SINGLE BLIND PROCEDURE/	7849
4	DOUBLE BLIND PROCEDURE/	70766
5	RANDOM ALLOCATION/	26330
6	CROSSOVER PROCEDURE/	20737
7	PLACEBO/	118995
8	placebo\$.ti,ab,sh.	169680
9	random\$.ti,ab,sh.	421609
10	RANDOMIZED CONTROLLED TRIALS/	163322
11	((single or double or triple or treble) adj (blind\$ or mask\$)).ti,ab,sh.	91962
12	randomi?ed control\$ trial\$.tw.	31938
13	or/1-12	850569
14	META ANALYSIS/	34138
15	((meta adj analy\$) or metaanalys\$ or meta-analy\$).ti,ab,sh.	43611
16	(systematic\$ adj5 (review\$ or overview\$)).ti,sh,ab.	26234
17	(methodologic\$ adj5 (review\$ or overview\$)).ti,ab,sh.	1612
18	or/14-17	60164
19	review.pt.	898679
20	(medline or medlars or embase).ab.	22858
21	(scisearch or science citation index).ab.	708
22	(psychlit or psyclit or psychinfo or psycinfo or cinahl or cochrane).ab.	8291
23	((hand or manual\$) adj2 search\$).tw.	2626
24	(electronic database\$ or bibliographic database\$ or computeri?ed database\$ or online database\$).tw.	4204
25	(pooling or pooled or mantel haenszel).tw.	24298
26	(peto or dersimonian or "der simonian" or fixed effect).tw.	869
27	or/20-26	51485
28	and/19,27	18247

DRAFT FOR CONSULTATION

29 or/18,28	70345
30 (book or conference paper or editorial or letter or note or proceeding or short survey).pt.	1703378
31 13 not 30	727892
32 29 not 31	32871
33 or/31-32	760763
34 PREMATURITY/	28948
35 preterm\$.tw.	26247
36 NEWBORN/	177181
37 (newborn\$ or neonate\$).tw.	96416
38 or/34-37	237226
39 exp Phototherapy/	23625
40 (light adj3 therap\$).tw.	1258
41 (photoradiati\$ adj3 therap\$).tw.	129
42 bilibed\$.tw.	3
43 biliblanket\$.tw.	11
44 (wallaby or wallabies).tw.	635
45 (optic adj2 fibre\$).tw.	902
46 exp Light/	52208
47 (hill?rom adj microlite).tw.	0
48 hill rom microlite.tw.	0
49 (Draeger adj2 phototherap\$).tw.	0
50 medestime.tw.	0
51 neoblue\$.tw.	1
52 light emitting diode\$.tw.	1150
53 (LED and light).tw.	4841
54 (fluorescen\$ adj3 light\$).tw.	2577
55 (halogen adj3 light\$).tw.	93
56 (sunlight or heliotherap\$).tw.	4612
57 ohmeda.tw.	410
58 medela.tw.	4
59 or/39-58	84117
60 and/33,38,59	217

1  
2  
3  
4  
5  
6  
7  
8

**EMBASE 1980 to 2008 Week 46**



DRAFT FOR CONSULTATION

1 JAUN\_phototherapy\_outcomes\_Q6p4\_embase\_201108

2

#	Searches	Results
1	PREMATURITY/	29089
2	preterm\$.tw.	26428
3	NEWBORN/	177774
4	(newborn\$ or neonate\$).tw.	96829
5	or/1-4	238203
6	HYPERBILIRUBINEMIA/	5668
7	hyperbilirubin?emia\$.ti.	1055
8	bilirubin?emia\$.ti.	15
9	((bilirubin\$ or hyperbilirubin\$) adj3 encephalopath\$).tw.	247
10	JAUNDICE/	9750
11	NEWBORN JAUNDICE/	1734
12	jaundice\$.ti.	3635
13	KERNICTERUS/	708
14	kernicterus\$.ti.	149
15	or/6-14	18031
16	exp Phototherapy/	23828
17	(light adj3 therap\$).tw.	1262
18	bilibed\$.tw.	3
19	biliblanket\$.tw.	11
20	(wallaby or wallabies).tw.	638
21	(optic adj2 fibre\$).tw.	904
22	exp Light/	52506
23	(hill?rom adj microlite).tw.	0
24	hill rom microlite.tw.	0
25	(Draeger adj2 phototherap\$).tw.	0
26	medestime.tw.	0
27	neoblue\$.tw.	1
28	light emitting diode\$.tw.	1162
29	(LED and light).tw.	4864
30	(fluorescen\$ adj3 light\$).tw.	2586
31	(halogen adj3 light\$).tw.	93
32	(sunlight or heliotherap\$).tw.	4637
33	or/16-32	84205
34	mother child relation/	6667
35	object relation/	2475
36	(bonding or bond\$).tw.	88835

DRAFT FOR CONSULTATION

37 (concern\$ or worry or worries).tw.	212424
38 Anxiety/	46655
39 (satisfaction or satisf\$).tw.	114088
40 bottle feeding/ or breast feeding/	14406
41 feed\$.tw.	126279
42 enteric feeding/ or exp parenteral nutrition/	23201
43 ((continu\$ or intermitt\$) adj3 feed\$).tw.	1729
44 or/34-43	601172
45 and/5,15,33,44	115

1  
2  
3  
4  
5  
6  
7

**CINAHL - Cumulative Index to Nursing & Allied Health Literature 1982 to October Week 2 2008**

JAUN\_phototherapy\_cinahl\_131008

#	Searches	Results
1	exp CLINICAL TRIALS/	66624
2	clinical trial.pt.	35279
3	(clinic\$ adj5 trial\$).tw,sh.	16386
4	SINGLE-BLIND STUDIES/	3168
5	DOUBLE-BLIND STUDIES/	12147
6	TRIPLE-BLIND STUDIES/	40
7	((single or double or triple or treble) adj5 (blind\$ or mask\$)).tw,sh.	9029
8	RANDOM ASSIGNMENT/	19554
9	random\$.tw.	58620
10	RANDOMIZED CONTROLLED TRIALS/	51717
11	randomi?ed control\$ trial\$.tw.	12888
12	PLACEBOS/	4737
13	placebo\$.tw.	12335
14	or/1-13	107525
15	META ANALYSIS/	7066
16	((meta adj analy\$) or metaanalys\$ or meta-analy\$).tw.	5613
17	SYSTEMATIC REVIEW/	4025
18	systematic review.pt.	12734
19	(systematic\$ adj5 (review\$ or overview\$)).tw.	10107
20	LITERATURE REVIEW/	2606
21	or/15-20	23859
22	("review" or "review studies" or "review academic" or "review tutorial").ti,ab,sh,pt.	118973

DRAFT FOR CONSULTATION

(medline or medlars or embase or cochrane or scisearch 23 or psycinfo or psychinfo or psychlit or psyclit or "web of science" or "science citation").tw.	10394
24 ((hand or manual\$) adj2 search\$).tw.	1132
25 (electronic database\$ or bibliographic database\$ or computeri?ed database\$ or online database\$).tw.	1978
26 (pooling or pooled or mantel haenszel).tw.	2938
27 (peto or dersimonian or "der simonian" or fixed effect).tw.	450
28 or/23-27	13738
29 and/22,28	8053
30 or/14,21,29	122343
31 letter.pt.	66262
32 commentary.pt.	87950
33 editorial.pt.	93450
34 or/31-33	199889
35 30 not 34	108809
36 INFANT, PREMATURE/ 37 preterm\$.tw.	6269
38 INFANT, NEWBORN/ 39 (newborn\$ or neonate\$).tw.	5354
40 or/36-39	39183
41 Phototherapy/ 42 Light/tu [Therapeutic use]	9909
43 (light adj3 therap\$).tw.	44090
44 (photoradiati\$ adj3 therap\$).tw.	673
45 bilibed\$.tw.	50
46 biliblanket\$.tw.	168
47 (wallaby or wallabies).tw.	2
48 (optic adj2 fibre).tw.	0
49 light.tw.	5
50 (hill?rom adj microlite).tw.	3
51 hill rom microlite.tw.	32
52 (Draeger adj2 phototherap\$).tw.	9109
53 medestime.tw.	0
54 neoblue\$.tw.	0
55 light emitting diode\$.tw.	0
56 (LED and light).tw.	1
57 (fluorescen\$ adj3 light\$).tw.	50
58 (halogen adj3 light\$).tw.	182
	97
	23

59 (sunlight or heliotherap\$).tw.	248
60 ohmeda.tw.	35
61 medela.tw.	1
62 or/41-61	9911
63 and/35,40,62	59

1  
2  
3  
4  
5  
6

**CINAHL EBSCO**

JAUN\_phototherapy\_cinahl\_131008

Tuesday, July 21, 2009 7:46:53 AM

#	Query	Limiters/Expanders	Last Run Via	Results
S31	S30 and S5	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search Database - CINAHL with Full Text	Display
S30	S29 or S28 or S27 or S26 or S25 or S24 or S23 or S22 or S21 or S16 or S15 or S14 or S13 or S12 or S11 or S9 or S8 or S7 or S6	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search Database - CINAHL with Full Text	Display
S29	(TI "medela") or (AB "medela")	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search Database - CINAHL with Full Text	Display

DRAFT FOR CONSULTATION

S28	(TI "ohmeda") or (AB "ohmeda")	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search Database - CINAHL with Full Text	Display
S27	(TI "sunlight" or "heliotherap*") or (AB "sunlight" or "heliotherap*")	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search Database - CINAHL with Full Text	Display
S26	(TI "halogen" N3 "light*") or (AB "halogen" N3 "light*")	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search Database - CINAHL with Full Text	Display
S25	(TI "fluorescen*" N3 "light") or (AB "fluorescen*" N3 "light")	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search Database - CINAHL with Full Text	Display
S24	(AB "LED" and "light")	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced	Display

			Search Database - CINAHL with Full Text	
S23	(TI "LED" and "light")	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search Database - CINAHL with Full Text	Display
S22	(TI "light emitting diode*") or (AB "light emitting diode*")	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search Database - CINAHL with Full Text	Display
S21	(TI "neoblue*") or (AB "neoblue*")	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search Database - CINAHL with Full Text	Display
S20	(TI "medestime") or (AB "medestime")	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search Database - CINAHL with Full Text	Display

S19	(TI "draeger" N2 "phototherap*") or (AB "draeger" N2 "phototherap*")	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search Database - CINAHL with Full Text	Display
S18	(TI "hillrom microlite") or (AB "hillrom microlite")	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search Database - CINAHL with Full Text	Display
S17	(TI "hillrom" N2 "microlite") or (AB "hillrom" N2 "microlite")	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search Database - CINAHL with Full Text	Display
S16	(TI "light") or (AB "light")	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search Database - CINAHL with Full Text	Display
S15	(AB "optic" N2 "fibre*")	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced	Display

			Search Database - CINAHL with Full Text	
S14	TI ("optic" N2 "fibre*")	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search Database - CINAHL with Full Text	Display
S13	(AB "wallaby" or "wallabies")	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search Database - CINAHL with Full Text	Display
S12	(TI "wallaby" or "wallabies")	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search Database - CINAHL with Full Text	Display
S11	(TI "biliblanket*") or (AB "biliblanket*")	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search Database - CINAHL with Full Text	Display



S10	(TI "bilibed*") or (AB "bilibed*")	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search Database - CINAHL with Full Text	Display
S9	(TI "photoradiati*" N3 "therap*") or (AB "photoradiati*" N3 "therap*")	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search Database - CINAHL with Full Text	Display
S8	(TI light N3 therap*) or (AB light N3 therap*)	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search Database - CINAHL with Full Text	Display
S7	MH "LIGHT/tu"	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search Database - CINAHL with Full Text	Display
S6	MH PHOTOTHERAPY	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced	Display

			Search Database - CINAHL with Full Text	
S5	S1 or S2 or S3 or S4	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search Database - CINAHL with Full Text	Display
S4	(TI "newborn*" or "neonate*") or (AB "newborn*" or "neonate*")	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search Database - CINAHL with Full Text	Display
S3	MH INFANT, NEWBORN	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search Database - CINAHL with Full Text	Display
S2	(TI "preterm*") or (AB "preterm*")	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search Database - CINAHL with Full Text	Display

S1	MH INFANT, PREMATURE	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search Database - CINAHL with Full Text	Display
----	-------------------------	----------------------------------	---	---------

1  
2  
3  
4  
5  
6  
7  
8  
9

**Question: How effective is phototherapy? Economic evaluation**

**Ovid MEDLINE(R) 1950 to October Week 1 2008**

JAUN\_phototherapy\_economic\_medline\_141008

#	Searches	Results
1	costs.tw.	77859
2	cost effective\$.tw.	44745
3	economic.tw.	67051
4	or/1-3	164703
5	(metabolic adj cost).tw.	492
6	((energy or oxygen) adj cost).tw.	2055
7	4 not (5 or 6)	164469
8	INFANT, PREMATURE/ preterm\$.tw.	33074
9		29486
10	INFANT, NEWBORN/ (newborn\$ or neonate\$).tw.	426267
11		139364
12	or/8-11	484217
13	exp PHOTOTHERAPY/ JAUNDICE, NEONATAL/th [Therapy]	20273
14		1470
15	LIGHT/th [Therapy]	7
16	(light adj3 therap\$).tw.	1488
17	(photoradiation adj3 therap\$).tw.	176
18	bilibed.tw.	7
19	biliblanket\$.tw.	12
20	(wallaby or wallabies).tw.	918
21	(optic adj2 fibre\$).tw.	1075
22	light.ti.	55786

## DRAFT FOR CONSULTATION

23 (illumination adj microlite).tw.	0
24 illumination microlite.tw.	0
25 (Dräger adj2 phototherapy).tw.	0
26 medetime.tw.	0
27 neoblu\$.tw.	2
28 light emitting diode\$.tw.	1280
29 (LED and light).tw.	5808
30 (fluorescence adj3 light).tw.	3557
31 (halogen adj3 light).tw.	342
32 (sunlight or heliotherapy).tw.	5119
33 ohmeda.tw.	382
34 medela.tw.	12
35 or/13-34	89832
36 and/7,12,35	25

1  
2  
3  
4  
5  
6  
7

### EBM Reviews - Cochrane Central Register of Controlled Trials 3rd Quarter 2008

JAUN\_phototherapy\_economic\_cctr\_141008

#	Searches	Results
1	costs.tw.	5410
2	cost effective\$.tw.	4135
3	economic.tw.	2275
4	or/1-3	8908
5	(metabolic adj cost).tw.	38
6	((energy or oxygen) adj cost).tw.	178
7	4 not (5 or 6)	8898
8	INFANT, PREMATURE/ preterm\$.tw.	1709
9	preterm\$.tw.	3074
10	INFANT, NEWBORN/ (newborn\$ or neonate\$).tw.	8435
11	(newborn\$ or neonate\$).tw.	4189
12	or/8-11	11391
13	exp PHOTOTHERAPY/ JAUNDICE, NEONATAL/th [Therapy]	1159
14	JAUNDICE, NEONATAL/th [Therapy]	94
15	LIGHT/th [Therapy]	0
16	(light adj3 therap\$).tw.	273
17	(photoradiation adj3 therap\$).tw.	0
18	bilibed.tw.	1

DRAFT FOR CONSULTATION

19 biliblanket\$.tw.	8
20 (wallaby or wallabies).tw.	5
21 (optic adj2 fibre\$.tw.	44
22 light.ti.	1135
23 (hill?rom adj microlite).tw.	0
24 hill rom microlite.tw.	0
25 (Draeger adj2 phototherap\$.tw.	0
26 medestime.tw.	0
27 neoblue\$.tw.	0
28 light emitting diode\$.tw.	50
29 (LED and light).tw.	127
30 (fluorescen\$ adj3 light\$.tw.	80
31 (halogen adj3 light\$.tw.	30
32 (sunlight or heliotherap\$.tw.	129
33 ohmeda.tw.	58
34 medela.tw.	2
35 or/13-34	2445
36 and/7,12,35	2

1  
2  
3  
4  
5  
6  
7

**EBM Reviews - Health Technology Assessment 4th Quarter 2008**

JAUN\_phototherapy\_economic\_hta\_141008

#	Searches	Results
1	costs.tw.	1172
2	cost effective\$.tw.	940
3	economic.tw.	698
4	or/1-3	1688
5	(metabolic adj cost).tw.	0
6	((energy or oxygen) adj cost).tw.	0
7	4 not (5 or 6)	1688
8	INFANT, PREMATURE/	9
9	preterm\$.tw.	24
10	INFANT, NEWBORN/	66
11	(newborn\$ or neonate\$.tw.	102
12	or/8-11	125
13	exp PHOTOTHERAPY/	72
14	JAUNDICE, NEONATAL/th [Therapy]	0

DRAFT FOR CONSULTATION

15 LIGHT/th [Therapy]	0
16 (light adj3 therap\$).tw.	12
17 (photoradiation adj3 therap\$).tw.	0
18 bilibed.tw.	0
19 biliblanket\$.tw.	0
20 (wallaby or wallabies).tw.	0
21 (optic adj2 fibre\$).tw.	0
22 light.ti.	11
23 (hill?rom adj microlite).tw.	0
24 hill rom microlite.tw.	0
25 (Draeger adj2 phototherap\$).tw.	0
26 medestime.tw.	0
27 neoblue\$.tw.	0
28 light emitting diode\$.tw.	0
29 (LED and light).tw.	0
30 (fluorescen\$ adj3 light\$).tw.	0
31 (halogen adj3 light\$).tw.	0
32 (sunlight or heliotherap\$).tw.	2
33 ohmeda.tw.	0
34 medela.tw.	0
35 or/13-34	79
36 and/7,12,35	0

1  
2  
3  
4  
5  
6  
7

**EBM Reviews - NHS Economic Evaluation Database 3rd Quarter 2008**

JAUN\_phototherapy\_economic\_nhseed\_141008

#	Searches	Results
1	costs.tw.	17348
2	cost effective\$.tw.	8488
3	economic.tw.	23373
4	or/1-3	23646
5	(metabolic adj cost).tw.	0
6	((energy or oxygen) adj cost).tw.	0
7	4 not (5 or 6)	23646
8	INFANT, PREMATURE/	77
9	preterm\$.tw.	79
10	INFANT, NEWBORN/	861

DRAFT FOR CONSULTATION

11 (newborn\$ or neonate\$).tw.	925
12 or/8-11	948
13 exp PHOTOTHERAPY/	38
14 JAUNDICE, NEONATAL/th [Therapy]	0
15 LIGHT/th [Therapy]	0
16 (light adj3 therap\$).tw.	0
17 (photoradiation adj3 therap\$).tw.	0
18 bilibed.tw.	0
19 biliblanket\$.tw.	0
20 (wallaby or wallabies).tw.	0
21 (optic adj2 fibre\$).tw.	8
22 light.ti.	8
23 (hill?rom adj microlite).tw.	0
24 hill rom microlite.tw.	0
25 (Draeger adj2 phototherap\$).tw.	0
26 medestime.tw.	0
27 neoblue\$.tw.	0
28 light emitting diode\$.tw.	0
29 (LED and light).tw.	15
30 (fluorescen\$ adj3 light\$).tw.	1
31 (halogen adj3 light\$).tw.	0
32 (sunlight or heliotherap\$).tw.	6
33 ohmeda.tw.	0
34 medela.tw.	0
35 or/13-34	74
36 and/7,12,35	2

1  
2  
3  
4  
5  
6

**EMBASE 1980 to 2008 Week 41**

JAUN\_phototherapy\_economic\_embase\_141008

#	Searches	Results
1	costs.tw.	64077
2	cost effective\$.tw.	40727
3	economic.tw.	53047
4	or/1-3	133824
5	(metabolic adj cost).tw.	378
6	((energy or oxygen) adj cost).tw.	1676
7	4 not (5 or 6)	133650

DRAFT FOR CONSULTATION

8	PREMATURITY/	28948
9	preterm\$.tw.	26247
10	NEWBORN/	177181
11	(newborn\$ or neonate\$).tw.	96416
12	or/8-11	237226
13	exp Phototherapy/	23625
14	(light adj3 therap\$).tw.	1258
15	(photoradiati\$ adj3 therap\$).tw.	129
16	bilibed\$.tw.	3
17	biliblanket\$.tw.	11
18	(wallaby or wallabies).tw.	635
19	(optic adj2 fibre\$).tw.	902
20	exp Light/	52208
21	(hill?rom adj microlite).tw.	0
22	hill rom microlite.tw.	0
23	(Draeger adj2 phototherap\$).tw.	0
24	medestime.tw.	0
25	neoblue\$.tw.	1
26	light emitting diode\$.tw.	1150
27	(LED and light).tw.	4841
28	(fluorescen\$ adj3 light\$).tw.	2577
29	(halogen adj3 light\$).tw.	93
30	(sunlight or heliotherap\$).tw.	4612
31	ohmeda.tw.	410
32	medela.tw.	4
33	or/13-32	84117
34	and/7,12,33	17

1  
2  
3  
4  
5  
6  
7  
8  
9  
10  
11

**Question: What is the correct procedure of giving phototherapy? Focus on the methods of feeding, types of feeding, maternal-infant bonding etc. Question 6.4.**

**Ovid MEDLINE(R) 1950 to November Week 2 2008**

JAUN\_phototherapy\_outcomes\_Q6p4\_medline\_201108

#	Searches	Results
1	INFANT, PREMATURE/	33276
2	preterm\$.tw.	29760



DRAFT FOR CONSULTATION

3	INFANT, NEWBORN/	428448
4	(newborn\$ or neonate\$).tw.	140387
5	or/1-4	486947
6	HYPERBILIRUBINEMIA/	3447
7	HYPERBILIRUBINEMIA, NEONATAL/	184
8	hyperbilirubin?emia\$.ti.	2213
9	bilirubin?emia\$.ti.	149
10	((bilirubin\$ or hyperbilirubin\$) adj3 encephalopath\$).tw.	289
11	exp JAUNDICE/	10168
12	jaundice\$.ti.	9929
13	KERNICTERUS/	904
14	kernicter\$.tw.	691
15	or/6-14	20919
16	exp PHOTOTHERAPY/	20437
17	JAUNDICE, NEONATAL/th [Therapy]	1472
18	LIGHT/th [Therapy]	8
19	(light adj3 therap\$).tw.	1497
20	(photoradiation adj3 therap\$).tw.	177
21	bilibed.tw.	7
22	biliblanket\$.tw.	12
23	(wallaby or wallabies).tw.	936
24	(optic adj2 fibre\$).tw.	1080
25	light.ti.	56299
26	(hill?rom adj microlite).tw.	0
27	hill rom microlite.tw.	0
28	(Draeger adj2 phototherap\$).tw.	0
29	medestime.tw.	0
30	neoblue\$.tw.	2
31	light emitting diode\$.tw.	1300
32	(LED and light).tw.	5872
33	(fluorescen\$ adj3 light\$).tw.	3594
34	(halogen adj3 light\$).tw.	348
35	(sunlight or heliotherap\$).tw.	5169
36	ohmeda.tw.	384
37	medela.tw.	13
38	or/16-37	90649
39	OBJECT ATTACHMENT/ or MOTHER-CHILD RELATIONS/	19598
40	bond\$.tw.	104651
41	(concern\$ or worry or worries).tw.	261312

DRAFT FOR CONSULTATION

42 ANXIETY/	37869
43 (satisfaction or satisf\$).tw.	138678
44 BOTTLE FEEDING/ or BREAST FEEDING/	21543
45 feed\$.tw.	180003
46 ENTERAL NUTRITION/ or exp PARENTERAL NUTRITION/	29385
47 ((continu\$ or intermitt\$) adj3 feed\$).tw.	2212
48 or/39-47	749138
49 and/5,15,38,48	150

1  
2  
3  
4  
5  
6  
7

**EBM Reviews - Cochrane Central Register of Controlled Trials  
4th Quarter 2008**

JAUN\_phototherapy\_outcomes\_Q6p4\_ctr\_201108

#	Searches	Results
1	INFANT, PREMATURE/	1731
2	preterm\$.tw.	3132
3	INFANT, NEWBORN/	8524
4	(newborn\$ or neonate\$).tw.	4271
5	or/1-4	11554
6	HYPERBILIRUBINEMIA/	58
7	HYPERBILIRUBINEMIA, NEONATAL/	10
8	hyperbilirubin?emia\$.ti.	149
9	bilirubin?emia\$.ti.	4
10	((bilirubin\$ or hyperbilirubin\$) adj3 encephalopath\$).tw.	9
11	exp JAUNDICE/	51
12	jaundice\$.ti.	196
13	KERNICTERUS/	2
14	kernicter\$.tw.	7
15	or/6-14	443
16	exp PHOTOTHERAPY/	1173
17	JAUNDICE, NEONATAL/th [Therapy]	94
18	LIGHT/th [Therapy]	0
19	(light adj3 therap\$).tw.	278
20	(photoradiation adj3 therap\$).tw.	0
21	bilibed.tw.	1
22	biliblanket\$.tw.	8
23	(wallaby or wallabies).tw.	5
24	(optic adj2 fibre\$).tw.	43

DRAFT FOR CONSULTATION

25 light.ti.	1148
26 (hill?rom adj microlite).tw.	0
27 hill rom microlite.tw.	0
28 (Draeger adj2 phototherap\$).tw.	0
29 medestime.tw.	0
30 neoblue\$.tw.	0
31 light emitting diode\$.tw.	52
32 (LED and light).tw.	131
33 (fluorescen\$ adj3 light\$).tw.	82
34 (halogen adj3 light\$).tw.	31
35 (sunlight or heliotherap\$).tw.	132
36 ohmeda.tw.	58
37 medela.tw.	2
38 or/16-37	2478
39 OBJECT ATTACHMENT/ or MOTHER-CHILD RELATIONS/	391
40 bond\$.tw.	1299
41 (concern\$ or worry or worries).tw.	8669
42 ANXIETY/	3210
43 (satisfaction or satisf\$).tw.	10962
44 BOTTLE FEEDING/ or BREAST FEEDING/	850
45 feed\$.tw.	6812
46 ENTERAL NUTRITION/ or exp PARENTERAL NUTRITION/	1981
47 ((continu\$ or intermitt\$) adj3 feed\$).tw.	220
48 or/39-47	31506
49 and/5,15,38,48	12

1  
2  
3  
4  
5  
6

**DARE, CDSR**

JAUN\_phototherapy\_outcomes\_Q6p4\_cdsrdare\_201108

#	Searches	Results
1	INFANT, PREMATURE.kw.	215
2	preterm\$.tw,tx.	567
3	INFANT, NEWBORN.kw.	612
4	(newborn\$ or neonate\$).tw,tx.	975
5	or/1-4	1127
6	HYPERBILIRUBINEMIA.kw.	3
7	HYPERBILIRUBINEMIA, NEONATAL.kw.	1
8	hyperbilirubin?emia\$.ti.	2

DRAFT FOR CONSULTATION

9	bilirubin?emia\$.ti.	0
10	((bilirubin\$ or hyperbilirubin\$) adj3 encephalopath\$).tw,tx.	5
11	JAUNDICE.kw.	13
12	jaundice\$.ti.	10
13	KERNICTERUS.kw.	1
14	kernicter\$.tw,tx.	14
15	or/6-14	23
16	PHOTOTHERAPY.kw.	21
17	LIGHT.kw.	11
18	(light adj3 therap\$).tw,tx.	52
19	(photoradiation adj3 therap\$).tw,tx.	0
20	bilibed.tw,tx.	0
21	biliblanket\$.tw,tx.	1
22	(wallaby or wallabies).tw,tx.	1
23	(optic adj2 fibre\$).tw,tx.	12
24	light.ti.	15
25	(hill?rom adj microlite).tw,tx.	0
26	hill rom microlite.tw,tx.	0
27	(Draeger adj2 phototherap\$).tw,tx.	0
28	medestime.tw,tx.	0
29	neoblue\$.tw,tx.	0
30	light emitting diode\$.tw,tx.	2
31	(LED and light).tw.	250
32	(fluorescen\$ adj3 light\$).tw,tx.	5
33	(halogen adj3 light\$).tw,tx.	1
34	(sunlight or heliotherap\$).tw,tx.	30
35	ohmeda.tw,tx.	2
36	medela.tw,tx.	0
37	or/16-36	348
38	(OBJECT ATTACHMENT or MOTHER-CHILD RELATIONS).kw.	20
39	bond\$.tw,tx.	156
40	(concern\$ or worry or worries).tw,tx.	3076
41	ANXIETY.kw.	192
42	(satisfaction or satisf\$).tw,tx.	2376
43	(BOTTLE FEEDING or BREAST FEEDING).kw.	33
44	feed\$.tw,tx.	1244
45	(ENTERAL NUTRITION or PARENTERAL NUTRITION).kw.	95
46	((continu\$ or intermitt\$) adj3 feed\$).tw,tx.	39

DRAFT FOR CONSULTATION

47 or/38-46 5034  
48 and/5,15,37,47 2

1  
2  
3  
4  
5  
6

**EMBASE 1980 to 2008 Week 47**

**JAUN\_phototherapy\_outcomes\_Q6p4\_embase\_201108**

#	Searches	Results
1	PREMATURITY/	29115
2	preterm\$.tw.	26455
3	NEWBORN/	177875
4	(newborn\$ or neonate\$).tw.	96908
5	or/1-4	238370
6	HYPERBILIRUBINEMIA/	5678
7	hyperbilirubin?emia\$.ti.	1055
8	bilirubin?emia\$.ti.	15
9	((bilirubin\$ or hyperbilirubin\$) adj3 encephalopath\$).tw.	247
10	JAUNDICE/	9769
11	NEWBORN JAUNDICE/	1734
12	jaundice\$.ti.	3639
13	KERNICTERUS/	709
14	kernicterus\$.ti.	149
15	or/6-14	18063
16	exp Phototherapy/	23879
17	(light adj3 therap\$).tw.	1267
18	bilibed\$.tw.	3
19	biliblanket\$.tw.	11
20	(wallaby or wallabies).tw.	638
21	(optic adj2 fibre\$).tw.	905
22	exp Light/	52569
23	(hill?rom adj microlite).tw.	0
24	hill rom microlite.tw.	0
25	(Draeger adj2 phototherap\$).tw.	0
26	medestime.tw.	0
27	neoblue\$.tw.	1
28	light emitting diode\$.tw.	1162
29	(LED and light).tw.	4873
30	(fluorescen\$ adj3 light\$).tw.	2590
31	(halogen adj3 light\$).tw.	94

DRAFT FOR CONSULTATION

32 (sunlight or heliotherap\$).tw.	4646
33 or/16-32	84324
34 mother child relation/	6677
35 object relation/	2477
36 (bonding or bond\$).tw.	88939
37 (concern\$ or worry or worries).tw.	212699
38 Anxiety/	46734
39 (satisfaction or satisf\$).tw.	114247
40 bottle feeding/ or breast feeding/	14436
41 feed\$.tw.	126456
42 enteric feeding/ or exp parenteral nutrition/	23218
43 ((continu\$ or intermitt\$) adj3 feed\$).tw.	1731
44 or/34-43	601976
45 and/5,15,33,44	115

1  
2  
3  
4  
5  
6  
7

**CINAHL - Cumulative Index to Nursing & Allied Health Literature 1982 to November Week 2 2008**

JAUN\_phototherapy\_outcomes\_Q6p4\_cinahl\_201108

#	Searches	Results
1	INFANT, PREMATURE/	6307
2	preterm\$.tw.	5404
3	INFANT, NEWBORN/	39507
4	(newborn\$ or neonate\$).tw.	10009
5	or/1-4	44471
6	HYPERBILIRUBINEMIA/	219
7	hyperbilirubin?emia\$.ti.	143
8	bilirubin?emia\$.ti.	1
9	((bilirubin\$ or hyperbilirubin\$) adj3 encephalopath\$).tw.	27
10	JAUNDICE/	223
11	jaundice\$.ti.	304
12	Kernicterus/	102
13	kernicterus\$.ti.	41
14	or/6-13	735
15	Phototherapy/	690
16	Light/tu [Therapeutic use]	50
17	(light adj3 therap\$).tw.	169
18	(photoradiati\$ adj3 therap\$).tw.	2

DRAFT FOR CONSULTATION

19 bilibed\$.tw.	0
20 biliblanket\$.tw.	5
21 (wallaby or wallabies).tw.	3
22 (optic adj2 fibre).tw.	32
23 light.tw.	9220
24 (hill?rom adj microlite).tw.	0
25 hill rom microlite.tw.	0
26 (Draeger adj2 phototherap\$).tw.	0
27 medestime.tw.	0
28 neoblue\$.tw.	1
29 light emitting diode\$.tw.	50
30 (LED and light).tw.	185
31 (fluorescen\$ adj3 light\$).tw.	98
32 (halogen adj3 light\$).tw.	24
33 (sunlight or heliotherap\$).tw.	252
34 ohmeda.tw.	35
35 medela.tw.	1
36 or/15-35	10041
37 Mother-Child Relations/	1943
38 bond\$.tw.	1972
39 (concern\$ or worry or worries).tw.	42736
40 anxiety/ or separation anxiety/	7970
41 (satisfaction or satisf\$).tw.	25117
42 bottle feeding/ or breast feeding/	7865
43 feed\$.tw.	13855
44 enteral nutrition/ or exp parenteral nutrition/	4930
45 ((continu\$ or intermitt\$) adj3 feed\$).tw.	252
46 or/37-45	96923
47 and/5,14,36,46	32

1  
2  
3  
4  
5  
6  
7

**CINAHL EBSCO**

JAUN\_phototherapy\_outcomes\_Q6p4\_cinahl\_201108

Friday, November 21, 2008 9:44:46 AM

#	Query	Limiters/Expanders	Last Run Via	Results
S31	S30 and S5	Search modes -	Interface -	Display

DRAFT FOR CONSULTATION

		Boolean/Phrase	EBSCOhost Search Screen - Advanced Search Database - CINAHL with Full Text	
S30	S29 or S28 or S27 or S26 or S25 or S24 or S23 or S22 or S21 or S16 or S15 or S14 or S13 or S12 or S11 or S9 or S8 or S7 or S6	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search Database - CINAHL with Full Text	Display
S29	(TI "medela") or (AB "medela")	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search Database - CINAHL with Full Text	Display
S28	(TI "ohmeda") or (AB "ohmeda")	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search Database - CINAHL with Full Text	Display
S27	(TI "sunlight" or "heliotherap*") or (AB "sunlight" or "heliotherap*")	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search	Display



DRAFT FOR CONSULTATION

			Database - CINAHL with Full Text	
S26	(TI "halogen" N3 "light*") or (AB "halogen" N3 "light*")	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search Database - CINAHL with Full Text	Display
S25	(TI "fluorescen*" N3 "light") or (AB "fluorescen*" N3 "light")	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search Database - CINAHL with Full Text	Display
S24	(AB "LED" and "light")	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search Database - CINAHL with Full Text	Display
S23	(TI "LED" and "light")	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search Database - CINAHL with Full Text	Display
S22	(TI "light emitting	Search modes -	Interface -	Display

DRAFT FOR CONSULTATION

	diode*") or (AB "light emitting diode*")	Boolean/Phrase	EBSCOhost Search Screen - Advanced Search Database - CINAHL with Full Text	
S21	(TI "neoblue*") or (AB "neoblue*")	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search Database - CINAHL with Full Text	Display
S20	(TI "medestime") or (AB "medestime")	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search Database - CINAHL with Full Text	Display
S19	(TI "draeger" N2 "phototherap*") or (AB "draeger" N2 "phototherap*")	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search Database - CINAHL with Full Text	Display
S18	(TI "hillrom microlite") or (AB "hillrom microlite")	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search	Display

DRAFT FOR CONSULTATION

			Database - CINAHL with Full Text	
S17	(TI "hillrom" N2 "microlite") or (AB "hillrom" N2 "microlite")	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search Database - CINAHL with Full Text	Display
S16	(TI "light") or (AB "light")	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search Database - CINAHL with Full Text	Display
S15	(AB "optic" N2 "fibre*")	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search Database - CINAHL with Full Text	Display
S14	TI ("optic" N2 "fibre*")	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search Database - CINAHL with Full Text	Display
S13	(AB "wallaby" or	Search modes -	Interface -	Display

DRAFT FOR CONSULTATION

	"wallabies")	Boolean/Phrase	EBSCOhost Search Screen - Advanced Search Database - CINAHL with Full Text	
S12	(TI "wallaby" or "wallabies")	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search Database - CINAHL with Full Text	Display
S11	(TI "biliblanket*") or (AB "biliblanket*")	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search Database - CINAHL with Full Text	Display
S10	(TI "bilibed*") or (AB "bilibed*")	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search Database - CINAHL with Full Text	Display
S9	(TI "photoradiati*" N3 "therap*") or (AB "photoradiati*" N3 "therap*")	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search	Display

DRAFT FOR CONSULTATION

			Database - CINAHL with Full Text	
S8	(TI light N3 therap*) or (AB light N3 therap*)	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search Database - CINAHL with Full Text	Display
S7	MH "LIGHT/tu"	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search Database - CINAHL with Full Text	Display
S6	MH PHOTOTHERAPY	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search Database - CINAHL with Full Text	Display
S5	S1 or S2 or S3 or S4	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search Database - CINAHL with Full Text	Display
S4	(TI "newborn*" or	Search modes -	Interface -	Display

DRAFT FOR CONSULTATION

	"neonate*") or (AB "newborn*" or "neonate*")	Boolean/Phrase	EBSCOhost Search Screen - Advanced Search Database - CINAHL with Full Text	
S3	MH INFANT, NEWBORN	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search Database - CINAHL with Full Text	Display
S2	(TI "preterm*") or (AB "preterm*")	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search Database - CINAHL with Full Text	Display
S1	MH INFANT, PREMATURE	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search Database - CINAHL with Full Text	Display

1  
2  
3  
4  
5  
6  
7

**Question: Is it beneficial to give additional fluids during treatment with phototherapy?**

**Ovid MEDLINE(R) 1950 to November Week 3 2008**

DRAFT FOR CONSULTATION

1  
2 JAUN\_fluids2\_phototherapy\_Q7\_medline\_081208  
3

#	Searches	Results
1	INFANT, PREMATURE/	33330
2	preterm\$.tw.	29802
3	INFANT, NEWBORN/	428896
4	(newborn\$ or neonate\$).tw.	140553
5	or/1-4	487500
6	HYPERBILIRUBINEMIA/	3451
7	HYPERBILIRUBINEMIA, NEONATAL/	185
8	hyperbilirubin?emia\$.ti.	2214
9	bilirubin?emia\$.ti.	149
10	((bilirubin\$ or hyperbilirubin\$) adj3 encephalopath\$).tw.	290
11	exp JAUNDICE/	10190
12	jaundice\$.ti.	9946
13	KERNICTERUS/	905
14	kernicterus.tw.	677
15	or/6-14	20953
16	BOTTLE FEEDING/ or ENTERAL NUTRITION/ or exp PARENTERAL NUTRITION/	32183
17	BREAST FEEDING/	20577
18	feed\$.tw.	180353
19	FOOD/	18857
20	food\$.tw.	176438
21	((enteral\$ or parenteral\$ or intravenous\$) adj3 (feed\$ or food\$ or fluid\$ or nutrition\$)).tw.	23560
22	fluid\$.tw.	259556
23	nutritio\$.tw.	122433
24	exp GLUCOSE/	198583
25	dextrose.tw.	6037
26	LACTOSE/	8485
27	exp ELECTROLYTES/	368474
28	exp AMINO ACIDS/	609666
29	exp FATS/	66675
30	exp FATTY ACIDS/	300482
31	fatty.tw.	124979
32	exp INFANT FOOD/	9643
33	(formula\$ or supplement\$).tw.	251163

DRAFT FOR CONSULTATION

34 CASEINS/	11762
35 casein hydrolysate.tw.	549
36 rehydrat\$.tw.	4978
37 CALCIUM/	214816
38 CALCIUM, DIETARY/	7543
39 exp VITAMINS/	220605
40 MILK/ or MILK, HUMAN/	47660
41 exp ASPARTIC ACID/	25352
42 aspartic\$.tw.	12138
43 exp OROTIC ACID/	3149
44 or/16-43	2515888
45 and/5,15,44	852

1  
2  
3  
4  
5  
6  
7

**EBM Reviews - Cochrane Central Register of Controlled Trials  
4th Quarter 2008**

JAUN\_fluids2\_phototherapy\_Q7\_cctr\_081208

#	Searches	Results
1	INFANT, PREMATURE/	1731
2	preterm\$.tw.	3132
3	INFANT, NEWBORN/	8524
4	(newborn\$ or neonate\$).tw.	4271
5	or/1-4	11554
6	HYPERBILIRUBINEMIA/	58
7	HYPERBILIRUBINEMIA, NEONATAL/	10
8	hyperbilirubin?emia\$.ti.	149
9	bilirubin?emia\$.ti.	4
10	((bilirubin\$ or hyperbilirubin\$) adj3 encephalopath\$).tw.	9
11	exp JAUNDICE/	51
12	jaundice\$.ti.	196
13	KERNICTERUS/	2
14	kernicterus.tw.	7
15	or/6-14	443
16	BOTTLE FEEDING/ or ENTERAL NUTRITION/ or exp PARENTERAL NUTRITION/	2111
17	BREAST FEEDING/	787
18	feed\$.tw.	6812
19	FOOD/	839



DRAFT FOR CONSULTATION

20	food\$.tw.	7227
21	((enteral\$ or parenteral\$ or intravenous\$) adj3 (feed\$ or food\$ or fluid\$ or nutrition\$)).tw.	3688
22	fluid\$.tw.	7847
23	nutritio\$.tw.	7413
24	exp GLUCOSE/	9098
25	dextrose.tw.	805
26	LACTOSE/	221
27	exp ELECTROLYTES/	4961
28	exp AMINO ACIDS/	11618
29	exp FATS/	4051
30	exp FATTY ACIDS/	11708
31	fatty.tw.	5015
32	exp INFANT FOOD/	892
33	(formula\$ or supplement\$).tw.	26606
34	CASEINS/	166
35	casein hydrolysate.tw.	54
36	rehydrat\$.tw.	596
37	CALCIUM/	2282
38	CALCIUM, DIETARY/	492
39	exp VITAMINS/	8044
40	MILK/ or MILK, HUMAN/	1142
41	exp ASPARTIC ACID/	202
42	aspartic\$.tw.	71
43	exp OROTIC ACID/	19
44	or/16-43	83981
45	and/5,15,44	41

1  
2  
3  
4  
5  
6

**DARE, CDSR**

JAUN\_fluids2\_phototherapy\_Q7\_cdsrdare\_081208

#	Searches	Results
1	INFANT, PREMATURE.kw.	212
2	preterm\$.tw,tx.	574
3	INFANT, NEWBORN.kw.	613
4	(newborn\$ or neonate\$).tw,tx.	996
5	or/1-4	1149
6	HYPERBILIRUBINEMIA.kw.	3

DRAFT FOR CONSULTATION

7	HYPERBILIRUBINEMIA, NEONATAL.kw.	1
8	hyperbilirubin?emia\$.ti.	2
9	bilirubin?emia\$.ti.	0
10	((bilirubin\$ or hyperbilirubin\$) adj3 encephalopath\$).tw,tx.	5
11	JAUNDICE.kw.	14
12	jaundice\$.ti.	10
13	KERNICTERUS.kw.	1
14	kernicterus.tw,tx.	14
15	or/6-14	23
16	(BOTTLE FEEDING or ENTERAL NUTRITION or PARENTERAL NUTRITION).kw.	95
17	BREAST FEEDING.kw.	31
18	feed\$.tw,tx.	1286
19	FOOD.kw.	95
20	food\$.tw,tx.	871
21	((enteral\$ or parenteral\$ or intravenous\$) adj3 (feed\$ or food\$ or fluid\$ or nutrition\$)).tw,tx.	340
22	fluid\$.tw,tx.	1079
23	nutritio\$.tw,tx.	966
24	GLUCOSE.kw.	101
25	dextrose.tw,tx.	68
26	LACTOSE.kw.	4
27	ELECTROLYTES.kw.	1
28	AMINO ACIDS.kw.	18
29	FATS.kw.	22
30	FATTY ACIDS.kw.	53
31	fatty.tw,tx.	247
32	INFANT FOOD.kw.	14
33	(formula\$ or supplement\$).tw,tx.	2751
34	CASEINS.kw.	1
35	casein hydrolysate.tw,tx.	4
36	rehydrat\$.tw,tx.	67
37	CALCIUM.kw.	139
38	CALCIUM, DIETARY.kw.	24
39	VITAMINS.kw.	58
40	(MILK or MILK, HUMAN).kw.	33
41	ASPARTIC ACID.kw.	1
42	aspartic\$.tw,tx.	8
43	OROTIC ACID.kw.	0

DRAFT FOR CONSULTATION

44 or/16-43 4816  
45 and/5,15,44 10

1  
2  
3  
4  
5  
6  
7

**EMBASE 1980 to 2008 Week 49**

JAUN\_fluids2\_phototherapy\_Q7\_embase\_101208

#	Searches	Results
1	PREMATURITY/	29195
2	preterm\$.tw.	26540
3	NEWBORN/	178121
4	(newborn\$ or neonate\$).tw.	97095
5	or/1-4	238783
6	HYPERBILIRUBINEMIA/	5702
7	HYPERBILIRUBINEMIA, NEONATAL/	1737
8	hyperbilirubin?emia\$.ti.	1057
9	bilirubin?emia\$.ti.	16
10	((bilirubin\$ or hyperbilirubin\$) adj3 encephalopath\$).tw.	248
11	JAUNDICE/	9796
12	NEWBORN JAUNDICE/	1737
13	jaundice\$.ti.	3642
14	KERNICTERUS/	710
15	kernicterus\$.ti.	150
16	or/6-15	18115
17	Feeding/ or Infant Feeding/ or Breast Feeding/ or Bottle Feeding/ or Intravenous Feeding/ or Enteric Feeding/	34673
18	Parenteral Nutrition/	10281
19	feed\$.tw.	126749
20	((enteral\$ or parenteral\$ or intravenous\$) adj3 (feed\$ or food\$ or fluid\$ or nutrition\$)).tw.	19593
21	food/ or exp baby food/ or exp infant nutrition/	37365
22	food.tw.	118597
23	nutritio\$.tw.	88341
24	liquid/	11439
25	fluid\$.tw.	204075
26	Glucose/	112445
27	dextrose.tw.	4974
28	Lactose/	7837

DRAFT FOR CONSULTATION

29 Electrolyte/	10764
30 exp Amino Acid/	546350
31 Fat/	9195
32 exp Fatty Acid/	228119
33 fatty.tw.	94352
34 (formula\$ or supplement\$).tw.	213906
35 Casein/	5248
36 casein hydrolysate.tw.	294
37 rehydrat\$.tw.	3774
38 Calcium Intake/ or Calcium/	103005
39 exp Vitamin/	227676
40 Milk/	13462
41 Aspartic Acid/	15849
42 aspartic\$.tw.	9533
43 Orotic Acid/	755
44 or/17-43	1731767
45 and/5,16,44	853

1  
2  
3  
4  
5  
6  
7

**CINAHL - Cumulative Index to Nursing & Allied Health Literature 1982 to December Week 1 2008**

JAUN\_fluids2\_phototherapy\_Q7\_cinahl\_101208

#	Searches	Results
1	INFANT, PREMATURE/	6325
2	preterm\$.tw.	5427
3	INFANT, NEWBORN/	39649
4	(newborn\$ or neonate\$).tw.	10060
5	or/1-4	44637
6	HYPERBILIRUBINEMIA/	221
7	hyperbilirubin?emia\$.ti.	144
8	((bilirubin\$ or hyperbilirubin\$) adj3 encephalopath\$).tw.	28
9	JAUNDICE/	225
10	jaundice\$.ti.	304
11	KERNICTERUS/	103
12	kernicterus\$.ti.	42
13	or/6-12	739
14	BOTTLE FEEDING/ or exp BREAST FEEDING/ or "ENTERAL FEEDING (SABA CCC)"/	7967

DRAFT FOR CONSULTATION

15 exp Parenteral Nutrition/	2257
16 feed\$.tw.	13941
17 ((enteral\$ or parenteral\$ or intravenous\$) adj3 (feed\$ or food\$ or fluid\$ or nutrition\$)).tw.	3458
18 food/ or milk, human/	5097
19 food\$.tw.	18854
20 Infant Nutrition/	1511
21 nutritio\$.tw.	25614
22 fluid\$.tw.	8959
23 GLUCOSE/	1797
24 dextrose.tw.	307
25 Lactose/	101
26 exp Electrolytes/	3369
27 exp Amino Acids/	6582
28 FATS/	382
29 exp Fatty Acids/	7657
30 fatty.tw.	3503
31 exp Infant Food/	1527
32 Infant Feeding/	1583
33 (formula\$ or supplement\$).tw.	23587
34 Caseins/	34
35 casein hydrolysate.tw.	11
36 rehydrat\$.tw.	378
37 CALCIUM, DIETARY/ or CALCIUM/	4494
38 exp Vitamins/	12761
39 Milk/	1083
40 Aspartic Acid/	100
41 aspartic\$.tw.	45
42 orotic.tw.	4
43 or/6-42	111537
44 and/5,13,43	446
45 from 44 keep 1-446	446

1  
2  
3  
4  
5  
6  
7

**CINAHL EBSCO**

JAUN\_fluids2\_phototherapy\_Q7\_cinahl\_101208

Tuesday, July 21, 2009 9:01:13 AM

#	Query	Limiters/Expanders	Last Run Via	Results
S63	S5 and S17 and S62	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search Database - CINAHL with Full Text	Display
S62	S18 or S19 or S20 or S21 or S22 or S23 or S24 or S25 or S26 or S27 or S28 or S29 or S30 or S31 or S32 or S33 or S34 or S35 or S36 or S37 or S38 or S39 or S40 or S41 or S42 or S43 or S44 or S45 or S46 or S47 or S48 or S49 or S50 or S51 or S52 or S53 or S54 or S55 or S56 or S57 or S58 or S59 or S60 or S61	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search Database - CINAHL with Full Text	Display
S61	TI (orotic*) or AB (orotic*)	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search Database - CINAHL with Full Text	Display
S60	TI (aspartic*) or AB (aspartic*)	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search Database - CINAHL	Display

DRAFT FOR CONSULTATION

			with Full Text	
S59	MH ASPARTIC ACID	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search Database - CINAHL with Full Text	Display
S58	MH MILK	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search Database - CINAHL with Full Text	Display
S57	MH VITAMINS+	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search Database - CINAHL with Full Text	Display
S56	MH CALCIUM	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search Database - CINAHL with Full Text	Display
S55	MH CALCIUM, DIETARY	Search modes - Boolean/Phrase	Interface - EBSCOhost Search	Display

			Screen - Advanced Search Database - CINAHL with Full Text	
S54	TI (rehydrat*) or AB (rehydrat*)	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search Database - CINAHL with Full Text	Display
S53	TI (casein hydrolysate) or AB (casein hydrolysate)	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search Database - CINAHL with Full Text	Display
S52	MH CASEINS	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search Database - CINAHL with Full Text	Display
S51	TI (formula* or supplement*) or AB (formula* or supplement*)	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search Database - CINAHL	Display



DRAFT FOR CONSULTATION

			with Full Text	
S50	MH INFANT FEEDING	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search Database - CINAHL with Full Text	Display
S49	MH INFANT FOOD+	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search Database - CINAHL with Full Text	Display
S48	TI (fatty) or AB (fatty)	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search Database - CINAHL with Full Text	Display
S47	MH FATTY ACIDS+	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search Database - CINAHL with Full Text	Display
S46	MH FATS	Search modes - Boolean/Phrase	Interface - EBSCOhost Search	Display

			Screen - Advanced Search Database - CINAHL with Full Text	
S45	MH AMINO ACIDS+	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search Database - CINAHL with Full Text	Display
S44	MH ELECTROLYTES+	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search Database - CINAHL with Full Text	Display
S43	MH LACTOSE	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search Database - CINAHL with Full Text	Display
S42	TI (dextrose) or AB (dextrose)	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search Database - CINAHL	Display

DRAFT FOR CONSULTATION

			with Full Text	
S41	MH GLUCOSE	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search Database - CINAHL with Full Text	Display
S40	TI (fluid*) or AB ((fluid*))	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search Database - CINAHL with Full Text	Display
S39	TI (nutritio*) or AB (nutritio*)	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search Database - CINAHL with Full Text	Display
S38	MH INFANT NUTRITION	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search Database - CINAHL with Full Text	Display
S37	TI (food*) or AB (food*)	Search modes - Boolean/Phrase	Interface - EBSCOhost Search	Display

			Screen - Advanced Search Database - CINAHL with Full Text	
S36	MH MILK, HUMAN	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search Database - CINAHL with Full Text	Display
S35	MH FOOD	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search Database - CINAHL with Full Text	Display
S34	TI (intravenous N3 nutirtion*) or AB (intravenous N3 nutrition*)	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search Database - CINAHL with Full Text	Display
S33	TI (intravenous N3 fluid*) or AB (intravenous N3 fluid*)	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search Database - CINAHL	Display

			with Full Text	
S32	TI (intravenous N3 food*) or AB (intravenous N3 food*)	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search Database - CINAHL with Full Text	Display
S31	TI (intravenous N3 feed*) or AB (intravenous N3 feed*)	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search Database - CINAHL with Full Text	Display
S30	TI (parenteral N3 nutrition*) or AB (parenteral N3 nutrition*)	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search Database - CINAHL with Full Text	Display
S29	TI (parenteral N3 fluid*) or AB (parenteral N3 fluid*)	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search Database - CINAHL with Full Text	Display
S28	TI (parenteral N3 food*) or AB (parenteral N3 food*)	Search modes - Boolean/Phrase	Interface - EBSCOhost Search	Display

			Screen - Advanced Search Database - CINAHL with Full Text	
S27	TI (parenteral N3 feed*) or AB (parenteral N3 feed*)	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search Database - CINAHL with Full Text	Display
S26	TI (enteral N3 nutrition*) or AB (enteral N3 nutrition*)	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search Database - CINAHL with Full Text	Display
S25	TI (enteral N3 fluid*) or AB (enteral N3 fluid*)	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search Database - CINAHL with Full Text	Display
S24	TI (enteral N3 food*) or AB (enteral N3 food*)	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search Database - CINAHL	Display

DRAFT FOR CONSULTATION

			with Full Text	
S23	TI (enteral N3 feed*) or AB (enteral N3 feed*)	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search Database - CINAHL with Full Text	Display
S22	TI (feed* ) or AB (feed* )	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search Database - CINAHL with Full Text	Display
S21	MH PARENTERAL NUTRITION+	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search Database - CINAHL with Full Text	Display
S20	(MH "ENTERAL FEEDING (Saba CCC)")	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search Database - CINAHL with Full Text	Display
S19	MH BREAST FEEDING+	Search modes - Boolean/Phrase	Interface - EBSCOhost Search	Display

			Screen - Advanced Search Database - CINAHL with Full Text	
S18	MH BOTTLE FEEDING	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search Database - CINAHL with Full Text	Display
S17	S6 or S7 or S8 or S9 or S10 or S11 or S12 or S13 or S14 or S15 or S16	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search Database - CINAHL with Full Text	Display
S16	(TI "kernicterus*")	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search Database - CINAHL with Full Text	Display
S15	MH KERNICTERUS	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search Database - CINAHL	Display



DRAFT FOR CONSULTATION

			with Full Text	
S14	(TI jaundice*)	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search Database - CINAHL with Full Text	Display
S13	MH JAUNDICE	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search Database - CINAHL with Full Text	Display
S12	(AB "hyperbilirubin*" N3 "encephalopath*")	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search Database - CINAHL with Full Text	Display
S11	(TI "hyperbilirubin*" N3 "encephalopath*")	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search Database - CINAHL with Full Text	Display
S10	(AB "bilirubin*" N3 "encephalopath*")	Search modes - Boolean/Phrase	Interface - EBSCOhost Search	Display

			Screen - Advanced Search Database - CINAHL with Full Text	
S9	(TI "bilirubin*" N3 "encephalopath*")	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search Database - CINAHL with Full Text	Display
S8	(TI "bilirubinaemia" OR "bilirubinemia")	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search Database - CINAHL with Full Text	Display
S7	(TI "hyperbilirubinemia" or "hyperbilirubinaemia")	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search Database - CINAHL with Full Text	Display
S6	MH HYPERBILIRUBINEMIA	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search Database - CINAHL	Display

DRAFT FOR CONSULTATION

			with Full Text	
S5	S1 or S2 or S3 or S4	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search Database - CINAHL with Full Text	Display
S4	(TI "newborn*" or "neonate*") or (AB "newborn*" or "neonate*")	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search Database - CINAHL with Full Text	Display
S3	MH INFANT, NEWBORN	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search Database - CINAHL with Full Text	Display
S2	(TI "preterm*") or (AB "preterm*")	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search Database - CINAHL with Full Text	Display
S1	MH INFANT, PREMATURE	Search modes - Boolean/Phrase	Interface - EBSCOhost Search	Display

			Screen - Advanced Search Database - CINAHL with Full Text	
--	--	--	---	--

1  
2  
3  
4  
5  
6  
7  
8  
9  
10  
11

**Question: How effective is exchange transfusion? Question 8 (restricted to Srs and RCTs)**

**Ovid MEDLINE(R) 1950 to November Week 3 2008**

JAUN\_extransfusion\_Q8\_medline\_011208

#	Searches	Results
1	randomized controlled trial.pt.	269354
2	controlled clinical trial.pt.	80768
3	DOUBLE BLIND METHOD/	101524
4	SINGLE BLIND METHOD/	12756
5	RANDOM ALLOCATION/	63696
6	RANDOMIZED CONTROLLED TRIALS/	58451
7	or/1-6	454611
8	((single or double or triple or treble) adj5 (blind\$ or mask\$)).tw,sh.	99216
9	clinical trial.pt.	460950
10	exp CLINICAL TRIAL/	572520
11	exp CLINICAL TRIALS AS TOPIC/	215006
12	(clinic\$ adj5 trial\$).tw,sh.	135409
13	PLACEBOS/	28379
14	placebo\$.tw,sh.	128819
15	random\$.tw,sh.	572739
16	or/8-15	1004679
17	or/7,16	1009351
18	META ANALYSIS/	20239
19	META ANALYSIS AS TOPIC/	8893
20	meta analysis.pt.	20239
21	(metaanaly\$ or meta-analy\$ or (meta adj analy\$)).tw,sh.	35744

DRAFT FOR CONSULTATION

22 (systematic\$ adj5 (review\$ or overview\$)).tw,sh.	19180
23 (methodologic\$ adj5 (review\$ or overview\$)).tw,sh.	1992
24 or/18-23	50031
25 review\$.pt.	1443690
(medline or medlars or embase or cinahl or cochrane or	
26 psycinfo or psychinfo or psychlit or psychlit or "web of science" or "science citation" or scisearch).tw.	32625
27 ((hand or manual\$) adj2 search\$).tw.	3596
28 (electronic database\$ or bibliographic database\$ or computeri?ed database\$ or online database\$).tw,sh.	5571
29 (pooling or pooled or mantel haenszel).tw,sh.	30488
30 (peto or dersimonian or der simonian or fixed effect).tw,sh.	1438
31 or/26-30	65157
32 and/25,31	27889
33 or/24,32	66224
34 letter.pt.	654631
35 case report.tw.	140535
36 comment.pt.	376053
37 editorial.pt.	234808
38 historical article.pt.	258810
39 or/34-38	1331074
40 17 not 39	971945
41 33 not 39	62537
42 or/40-41	1003830
43 INFANT, PREMATURE/	33294
44 preterm\$.tw.	29795
45 INFANT, NEWBORN/	428760
46 (newborn\$ or neonate\$).tw.	140513
47 or/43-46	487320
48 HYPERBILIRUBINEMIA/	3449
49 HYPERBILIRUBINEMIA, NEONATAL/	185
50 hyperbilirubin?emia\$.ti.	2214
51 bilirubin?emia\$.ti.	149
52 ((bilirubin\$ or hyperbilirubin\$) adj3 encephalopath\$).tw.	290
53 exp JAUNDICE/	10170
54 jaundice\$.ti.	9930
55 KERNICTERUS/	904
56 kernicterus.tw.	676

DRAFT FOR CONSULTATION

57 or/48-56	20922
58 EXCHANGE TRANSFUSION, WHOLE BLOOD/	4060
59 (exchange adj3 transfusion\$).tw.	3519
60 or/58-59	5649
61 and/42,47,57,60	63

1  
2  
3  
4  
5  
6  
7

**EBM Reviews - Cochrane Central Register of Controlled Trials  
4th Quarter 2008**

JAUN\_extransfusion\_Q8\_cctr\_011208

#	Searches	Results
1	randomized controlled trial.pt.	249900
2	controlled clinical trial.pt.	75697
3	DOUBLE BLIND METHOD/	82027
4	SINGLE BLIND METHOD/	7788
5	RANDOM ALLOCATION/	20222
6	RANDOMIZED CONTROLLED TRIALS/	0
7	or/1-6	320983
8	((single or double or triple or treble) adj5 (blind\$ or mask\$)).tw,sh.	107843
9	clinical trial.pt.	273573
10	exp CLINICAL TRIAL/	0
11	exp CLINICAL TRIALS AS TOPIC/	0
12	(clinic\$ adj5 trial\$).tw,sh.	35968
13	PLACEBOS/	18338
14	placebo\$.tw,sh.	106765
15	random\$.tw,sh.	246271
16	or/8-15	391449
17	or/7,16	403240
18	META ANALYSIS/	0
19	META ANALYSIS AS TOPIC/	172
20	meta analysis.pt.	478
21	(metaanaly\$ or meta-analy\$ or (meta adj analy\$)).tw,sh.	1068
22	(systematic\$ adj5 (review\$ or overview\$)).tw,sh.	265
23	(methodologic\$ adj5 (review\$ or overview\$)).tw,sh.	26
24	or/18-23	1478
25	review\$.pt.	2652
26	(medline or medlars or embase or cinahl or cochrane or	412

DRAFT FOR CONSULTATION

psycinfo or psychinfo or psychlit or psyclit or "web of science" or "science citation" or scisearch).tw.	
27 ((hand or manual\$) adj2 search\$).tw.	40
28 (electronic database\$ or bibliographic database\$ or computerized database\$ or online database\$).tw,sh.	62
29 (pooling or pooled or mantel haenszel).tw,sh.	2075
30 (peto or dersimonian or der simonian or fixed effect).tw,sh.	31
31 or/26-30	2530
32 and/25,31	92
33 or/24,32	1540
34 letter.pt.	4515
35 case report.tw.	151
36 comment.pt.	1577
37 editorial.pt.	280
38 historical article.pt.	58
39 or/34-38	5302
40 17 not 39	398088
41 33 not 39	1506
42 or/40-41	398345
43 INFANT, PREMATURE/	1731
44 preterm\$.tw.	3132
45 INFANT, NEWBORN/	8524
46 (newborn\$ or neonate\$).tw.	4271
47 or/43-46	11554
48 HYPERBILIRUBINEMIA/	58
49 HYPERBILIRUBINEMIA, NEONATAL/	10
50 hyperbilirubinemia\$.ti.	149
51 bilirubinemia\$.ti.	4
52 ((bilirubin\$ or hyperbilirubin\$) adj3 encephalopath\$).tw.	9
53 exp JAUNDICE/	51
54 jaundice\$.ti.	196
55 KERNICTERUS/	2
56 kernicterus.tw.	7
57 or/48-56	443
58 EXCHANGE TRANSFUSION, WHOLE BLOOD/	50
59 (exchange adj3 transfusion\$).tw.	103
60 or/58-59	123
61 and/42,47,57,60	42

1  
2  
3  
4  
5**DARE, CDSR**

JAUN\_extransfusion\_Q8\_cdsrdare\_011208

#	Searches	Results
1	randomized controlled trial.pt.	0
2	controlled clinical trial.pt.	0
3	DOUBLE BLIND METHOD.kw.	233
4	SINGLE BLIND METHOD.kw.	18
5	RANDOM ALLOCATION.kw.	11
6	RANDOMIZED CONTROLLED TRIALS.kw.	6081
7	or/1-6	6124
8	((single or double or triple or treble) adj5 (blind\$ or mask\$)).tw,sh.	3988
9	clinical trial.pt.	0
10	CLINICAL TRIAL.kw.	0
11	CLINICAL TRIALS AS TOPIC.kw.	826
12	(clinic\$ adj5 trial\$).tw,sh.	6201
13	PLACEBOS.kw.	112
14	placebo\$.tw,sh.	5571
15	random\$.tw,sh.	11901
16	or/8-15	12318
17	or/7,16	12318
18	META ANALYSIS.kw.	163
19	META ANALYSIS AS TOPIC.kw.	93
20	meta analysis.pt.	0
21	(metaanaly\$ or meta-analy\$ or (meta adj analy\$)).tw,sh.	8308
22	(systematic\$ adj5 (review\$ or overview\$)).tw,sh.	8226
23	(methodologic\$ adj5 (review\$ or overview\$)).tw,sh.	2923
24	or/18-23	12169
25	review\$.pt.	0
26	(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,tx.	11759
27	((hand or manual\$) adj2 search\$).tw,tx.	1940
28	(electronic database\$ or bibliographic database\$ or computeri?ed database\$ or online database\$).tw,sh.	2655
29	(pooling or pooled or mantel haenszel).tw,sh.	6059
30	(peto or dersimonian or der simonian or fixed	4041



DRAFT FOR CONSULTATION

effect).tw,sh.	
31 or/26-30	11940
32 and/25,31	0
33 or/24,32	12169
34 letter.pt.	0
35 case report.tw,tx.	122
36 comment.pt.	0
37 editorial.pt.	0
38 historical article.pt.	0
39 or/34-38	122
40 17 not 39	12210
41 33 not 39	12066
42 or/40-41	13589
43 INFANT, PREMATURE.kw.	212
44 preterm\$.tw,tx.	574
45 INFANT, NEWBORN.kw.	613
46 (newborn\$ or neonate\$).tw,tx.	996
47 or/43-46	1149
48 HYPERBILIRUBINEMIA.kw.	3
49 HYPERBILIRUBINEMIA, NEONATAL.kw.	1
50 hyperbilirubin?emia\$.ti.	2
51 bilirubin?emia\$.ti.	0
52 ((bilirubin\$ or hyperbilirubin\$) adj3 encephalopath\$).tw,tx.	5
53 JAUNDICE.kw.	14
54 jaundice\$.ti.	10
55 KERNICTERUS.kw.	1
56 kernicterus.tw,tx.	14
57 or/48-56	23
58 EXCHANGE TRANSFUSION, WHOLE BLOOD.kw.	6
59 (exchange adj3 transfusion\$).tw,tx.	33
60 or/58-59	33
61 and/42,47,57,60	12

1  
2  
3  
4  
5  
6  
7  
8

**EMBASE 1980 to 2008 Week 48**

JAUN\_extransfusion\_Q8\_embase\_011208

1

#	Searches	Results
1	CLINICAL TRIALS/	522052
2	(clinic\$ adj5 trial\$).ti,ab,sh.	123547
3	SINGLE BLIND PROCEDURE/	7823
4	DOUBLE BLIND PROCEDURE/	70602
5	RANDOM ALLOCATION/	26321
6	CROSSOVER PROCEDURE/	20738
7	PLACEBO/	120388
8	placebo\$.ti,ab,sh.	171107
9	random\$.ti,ab,sh.	423840
10	RANDOMIZED CONTROLLED TRIALS/	163207
11	((single or double or triple or treble) adj (blind\$ or mask\$)).ti,ab,sh.	91916
12	randomi?ed control\$ trial\$.tw.	32220
13	or/1-12	856359
14	META ANALYSIS/	34265
15	((meta adj analy\$) or metaanalys\$ or meta-analy\$).ti,ab,sh.	43974
16	(systematic\$ adj5 (review\$ or overview\$)).ti,sh,ab.	26646
17	(methodologic\$ adj5 (review\$ or overview\$)).ti,ab,sh.	1626
18	or/14-17	60821
19	review.pt.	907394
20	(medline or medlars or embase).ab.	23179
21	(scisearch or science citation index).ab.	718
22	(psychlit or psyclit or psychinfo or psycinfo or cinahl or cochrane).ab.	8449
23	((hand or manual\$) adj2 search\$).tw.	2659
24	(electronic database\$ or bibliographic database\$ or computeri?ed database\$ or online database\$).tw.	4272
25	(pooling or pooled or mantel haenszel).tw.	24530
26	(peto or dersimonian or "der simonian" or fixed effect).tw.	878
27	or/20-26	52106
28	and/19,27	18505
29	or/18,28	71132
30	(book or conference paper or editorial or letter or note or proceeding or short survey).pt.	1717302
31	13 not 30	732458
32	29 not 31	33276

DRAFT FOR CONSULTATION

33 or/31-32	765734
34 PREMATURITY/	29136
35 preterm\$.tw.	26475
36 NEWBORN/	177971
37 (newborn\$ or neonate\$).tw.	96976
38 or/34-37	238514
39 HYPERBILIRUBINEMIA/	5686
40 HYPERBILIRUBINEMIA, NEONATAL/	1735
41 hyperbilirubin?emia\$.ti.	1055
42 bilirubin?emia\$.ti.	15
43 ((bilirubin\$ or hyperbilirubin\$) adj3 encephalopath\$).tw.	247
44 JAUNDICE/	9776
45 NEWBORN JAUNDICE/	1735
46 jaundice\$.ti.	3639
47 KERNICTERUS/	709
48 kernicterus\$.ti.	149
49 or/39-48	18078
50 EXCHANGE BLOOD TRANSFUSION/	1714
51 (exchange adj3 transfusion\$).tw.	1856
52 or/50-51	2540
53 and/33,38,49,52	50

1  
2  
3  
4  
5  
6

**CINAHL EBSCO**

**JAUN\_extrafusion\_Q8\_cinahl\_011208**

#	Query	Limiters/Expanders	Last Run Via	Results
S21	S5 and S17 and S20	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search Database - CINAHL with Full Text	Display
S20	S18 or S19	Search modes - Boolean/Phrase	Interface - EBSCOhost	Display

			Search Screen - Advanced Search Database - CINAHL with Full Text	
S19	TI (exchange N3 transfusion*) or AB (exchange N3 transfusion*)	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search Database - CINAHL with Full Text	Display
S18	MH EXCHANGE TRANSFUSION, WHOLE BLOOD	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search Database - CINAHL with Full Text	Display
S17	S6 or S7 or S8 or S9 or S10 or S11 or S12 or S13 or S14 or S15 or S16	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search Database - CINAHL with Full Text	Display
S16	(TI "kernicterus*")	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search Database -	Display

DRAFT FOR CONSULTATION

			CINAHL with Full Text	
S15	MH KERNICTERUS	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search Database - CINAHL with Full Text	Display
S14	(TI jaundice*)	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search Database - CINAHL with Full Text	Display
S13	MH JAUNDICE	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search Database - CINAHL with Full Text	Display
S12	(AB "hyperbilirubin*" N3 "encephalopath*")	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search Database - CINAHL with Full Text	Display
S11	(TI "hyperbilirubin*" N3 "encephalopath*")	Search modes - Boolean/Phrase	Interface - EBSCOhost	Display

			Search Screen - Advanced Search Database - CINAHL with Full Text	
S10	(AB "bilirubin*" N3 "encephalopath*")	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search Database - CINAHL with Full Text	Display
S9	(TI "bilirubin*" N3 "encephalopath*")	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search Database - CINAHL with Full Text	Display
S8	(TI "bilirubinaemia" OR "bilirubinemia")	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search Database - CINAHL with Full Text	Display
S7	(TI "hyperbilirubinemia" or "hyperbilirubinaemia")	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search Database -	Display

			CINAHL with Full Text	
S6	MH HYPERBILIRUBINEMIA	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search Database - CINAHL with Full Text	Display
S5	S1 or S2 or S3 or S4	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search Database - CINAHL with Full Text	Display
S4	(TI "newborn*" or "neonate*") or (AB "newborn*" or "neonate*")	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search Database - CINAHL with Full Text	Display
S3	MH INFANT, NEWBORN	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search Database - CINAHL with Full Text	Display
S2	(TI "preterm*") or (AB "preterm*")	Search modes - Boolean/Phrase	Interface - EBSCOhost	Display

			Search Screen - Advanced Search Database - CINAHL with Full Text	
S1	MH INFANT, PREMATURE	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search Database - CINAHL with Full Text	Display

1  
2  
3  
4  
5  
6  
7  
8  
9  
10  
11  
12  
13  
14  
15

**QUESTION: What are the other ways of treating hyperbilirubinaemia? Question 9 (restricted to Srs and RCTs)**

**Ovid MEDLINE(R) 1950 to November Week 3 2008**

JAUN\_other\_treatments\_hyperbil\_medline\_041208

#	Searches	Results
1	randomized controlled trial.pt.	269477
2	controlled clinical trial.pt.	80776
3	DOUBLE BLIND METHOD/	101566
4	SINGLE BLIND METHOD/	12762
5	RANDOM ALLOCATION/	63710
6	RANDOMIZED CONTROLLED TRIALS/	58509
7	or/1-6	454816
8	((single or double or triple or treble) adj5 (blind\$ or mask\$)).tw,sh.	99256
9	clinical trial.pt.	460981



DRAFT FOR CONSULTATION

10 exp CLINICAL TRIAL/	572702
11 exp CLINICAL TRIALS AS TOPIC/	215116
12 (clinic\$ adj5 trial\$).tw,sh.	135508
13 PLACEBOS/	28390
14 placebo\$.tw,sh.	128873
15 random\$.tw,sh.	573052
16 or/8-15	1005126
17 or/7,16	1009800
18 META ANALYSIS/	20263
19 META ANALYSIS AS TOPIC/	8898
20 meta analysis.pt.	20263
21 (metaanaly\$ or meta-analy\$ or (meta adj analy\$)).tw,sh.	35783
22 (systematic\$ adj5 (review\$ or overview\$)).tw,sh.	19221
23 (methodologic\$ adj5 (review\$ or overview\$)).tw,sh.	1997
24 or/18-23	50110
25 review\$.pt.	1444767
(medline or medlars or embase or cinahl or cochrane or 26 psycinfo or psychinfo or psychlit or psyclit or "web of science" or "science citation" or scisearch).tw.	32669
27 ((hand or manual\$) adj2 search\$).tw.	3600
28 (electronic database\$ or bibliographic database\$ or computeri?ed database\$ or online database\$).tw,sh.	5576
29 (pooling or pooled or mantel haenszel).tw,sh.	30507
30 (peto or dersimonian or der simonian or fixed effect).tw,sh.	1441
31 or/26-30	65217
32 and/25,31	27917
33 or/24,32	66312
34 letter.pt.	654713
35 case report.tw.	140604
36 comment.pt.	376142
37 editorial.pt.	234908
38 historical article.pt.	258893
39 or/34-38	1331435
40 17 not 39	972374
41 33 not 39	62622
42 or/40-41	1004300
43 INFANT, PREMATURE/	33330
44 preterm\$.tw.	29802

DRAFT FOR CONSULTATION

45 INFANT, NEWBORN/	428896
46 (newborn\$ or neonate\$).tw.	140553
47 or/43-46	487500
48 HYPERBILIRUBINEMIA/	3451
49 HYPERBILIRUBINEMIA, NEONATAL/	185
50 hyperbilirubin?emia\$.ti.	2214
51 bilirubin?emia\$.ti.	149
52 ((bilirubin\$ or hyperbilirubin\$) adj3 encephalopath\$).tw.	290
53 exp JAUNDICE/	10190
54 jaundice\$.ti.	9946
55 KERNICTERUS/	905
56 kernicterus.tw.	677
57 or/48-56	20953
58 exp METALLOPORPHYRINS/	27073
59 exp PORPHYRINS/	41919
60 (metalloporphyrin\$ or protoporphyrin\$ or mesoporphytin\$).tw.	6025
61 PORPHOBILINOGEN/	610
62 exp "HEME OXYGENASE (DECYCLIZING)"/	4467
63 SnMP.tw.	87
64 exp GAMMA-GLOBULINS/	19547
65 gammaglobulin\$.tw.	1893
66 "gamma globulin\$".tw.	8903
67 exp IMMUNOGLOBULINS/	637134
68 immun?globulin\$.tw.	101621
69 "immuno globulin\$".tw.	109
70 "immune globulin\$".tw.	2583
71 phenobarb\$.tw.	16064
72 PHENYTOIN/	12136
73 Phenytoin.tw.	8677
74 CLOFIBRATE/	3708
75 CHOLESTYRAMINE/	2484
76 (cholestyramine\$ or colestyramine\$).tw.	2086
77 AGAR/	7242
78 exp CHARCOAL/	5272
79 SUPPOSITORIES/	3475
80 exp COMPLEMENTARY THERAPIES/	133872
81 MEDICINE, HERBAL/	808
82 ((alternative or complementary or traditional or herbal	28175

or integrative) adj3 (therap\$ or medicine\$)).tw.	
83 DRUGS, CHINESE HERBAL/	16180
84 "yin chin".tw.	3
85 manna.tw.	33
86 infusion\$.tw.	171350
87 exp PENICILLAMINE/	7359
88 "d-penicillamin\$".tw.	2965
89 DIAZEPAM/	16365
90 or/58-89	1104119
91 and/42,47,57,90	74

1  
2  
3  
4  
5  
6  
7

**EBM Reviews - Cochrane Central Register of Controlled Trials  
4th Quarter 2008**

JAUN\_other\_treatments\_hyperbil\_cctr\_041208

#	Searches	Results
1	randomized controlled trial.pt.	249900
2	controlled clinical trial.pt.	75697
3	DOUBLE BLIND METHOD/	82027
4	SINGLE BLIND METHOD/	7788
5	RANDOM ALLOCATION/	20222
6	RANDOMIZED CONTROLLED TRIALS/	0
7	or/1-6	320983
8	((single or double or triple or treble) adj5 (blind\$ or mask\$)).tw,sh.	107843
9	clinical trial.pt.	273573
10	exp CLINICAL TRIAL/	0
11	exp CLINICAL TRIALS AS TOPIC/	0
12	(clinic\$ adj5 trial\$).tw,sh.	35968
13	PLACEBOS/	18338
14	placebo\$.tw,sh.	106765
15	random\$.tw,sh.	246271
16	or/8-15	391449
17	or/7,16	403240
18	META ANALYSIS/	0
19	META ANALYSIS AS TOPIC/	172
20	meta analysis.pt.	478
21	(metaanaly\$ or meta-analy\$ or (meta adj analy\$)).tw,sh.	1068

DRAFT FOR CONSULTATION

22 (systematic\$ adj5 (review\$ or overview\$)).tw,sh.	265
23 (methodologic\$ adj5 (review\$ or overview\$)).tw,sh.	26
24 or/18-23	1478
25 review\$.pt.	2652
(medline or medlars or embase or cinahl or cochrane or	
26 psycinfo or psychinfo or psychlit or psychlit or "web of science" or "science citation" or scisearch).tw.	412
27 ((hand or manual\$) adj2 search\$).tw.	40
28 (electronic database\$ or bibliographic database\$ or computerized database\$ or online database\$).tw,sh.	62
29 (pooling or pooled or mantel haenszel).tw,sh.	2075
30 (peto or dersimonian or der simonian or fixed effect).tw,sh.	31
31 or/26-30	2530
32 and/25,31	92
33 or/24,32	1540
34 letter.pt.	4515
35 case report.tw.	151
36 comment.pt.	1577
37 editorial.pt.	280
38 historical article.pt.	58
39 or/34-38	5302
40 17 not 39	398088
41 33 not 39	1506
42 or/40-41	398345
43 INFANT, PREMATURE/	1731
44 preterm\$.tw.	3132
45 INFANT, NEWBORN/	8524
46 (newborn\$ or neonate\$).tw.	4271
47 or/43-46	11554
48 HYPERBILIRUBINEMIA/	58
49 HYPERBILIRUBINEMIA, NEONATAL/	10
50 hyperbilirubin?emia\$.ti.	149
51 bilirubin?emia\$.ti.	4
52 ((bilirubin\$ or hyperbilirubin\$) adj3 encephalopath\$).tw.	9
53 exp JAUNDICE/	51
54 jaundice\$.ti.	196
55 KERNICTERUS/	2
56 kernicterus.tw.	7
57 or/48-56	443

DRAFT FOR CONSULTATION

58 exp METALLOPORPHYRINS/	58
59 exp PORPHYRINS/	204
60 (metalloporphyrin\$ or protoporphyrin\$ or mesoporphytin\$).tw.	101
61 PORPHOBILINOGEN/	3
62 exp "HEME OXYGENASE (DECYCLIZING)"/	14
63 SnMP.tw.	4
64 exp GAMMA-GLOBULINS/	151
65 gammaglobulin\$.tw.	103
66 "gamma globulin\$.tw.	169
67 exp IMMUNOGLOBULINS/	9088
68 immunoglobulin\$.tw.	2199
69 "immuno globulin\$.tw.	5
70 "immune globulin\$.tw.	280
71 phenobarb\$.tw.	505
72 PHENYTOIN/	451
73 Phenytoin.tw.	624
74 CLOFIBRATE/	186
75 CHOLESTYRAMINE/	234
76 (cholestyramine\$ or colestyramine\$).tw.	330
77 AGAR/	11
78 exp CHARCOAL/	189
79 SUPPOSITORIES/	470
80 exp COMPLEMENTARY THERAPIES/	7447
81 MEDICINE, HERBAL/	16
82 ((alternative or complementary or traditional or herbal or integrative) adj3 (therap\$ or medicine\$)).tw.	2538
83 DRUGS, CHINESE HERBAL/	1353
84 "yin chin".tw.	0
85 manna.tw.	3
86 infusion\$.tw.	21954
87 exp PENICILLAMINE/	159
88 "d-penicillamin\$.tw.	172
89 DIAZEPAM/	1755
90 or/58-89	45480
91 and/42,47,57,90	58

1  
2  
3  
4

**DARE, CDSR**

DRAFT FOR CONSULTATION

1 JAUN\_other\_treatments\_hyperbil\_cdsrdare\_041208

2

#	Searches	Results
1	randomized controlled trial.pt.	0
2	controlled clinical trial.pt.	0
3	DOUBLE BLIND METHOD.kw.	233
4	SINGLE BLIND METHOD.kw.	18
5	RANDOM ALLOCATION.kw.	11
6	RANDOMIZED CONTROLLED TRIALS.kw.	6081
7	or/1-6	6124
8	((single or double or triple or treble) adj5 (blind\$ or mask\$)).tw,sh.	3988
9	clinical trial.pt.	0
10	CLINICAL TRIAL.kw.	0
11	CLINICAL TRIALS AS TOPIC.kw.	826
12	(clinic\$ adj5 trial\$).tw,sh.	6201
13	PLACEBOS.kw.	112
14	placebo\$.tw,sh.	5571
15	random\$.tw,sh.	11901
16	or/8-15	12318
17	or/7,16	12318
18	META ANALYSIS.kw.	163
19	META ANALYSIS AS TOPIC.kw.	93
20	meta analysis.pt.	0
21	(metaanaly\$ or meta-analy\$ or (meta adj analy\$)).tw,sh.	8308
22	(systematic\$ adj5 (review\$ or overview\$)).tw,sh.	8226
23	(methodologic\$ adj5 (review\$ or overview\$)).tw,sh.	2923
24	or/18-23	12169
25	review\$.pt.	0
26	(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.	11759
27	((hand or manual\$) adj2 search\$).tw.	1940
28	(electronic database\$ or bibliographic database\$ or computeri?ed database\$ or online database\$).tw,sh.	2655
29	(pooling or pooled or mantel haenszel).tw,sh.	6059
30	(peto or dersimonian or der simonian or fixed effect).tw,sh.	4041
31	or/26-30	11940
32	and/25,31	0

DRAFT FOR CONSULTATION

33 or/24,32	12169
34 letter.pt.	0
35 case report.tw.	122
36 comment.pt.	0
37 editorial.pt.	0
38 historical article.pt.	0
39 or/34-38	122
40 17 not 39	12210
41 33 not 39	12066
42 or/40-41	13589
43 INFANT, PREMATURE.kw.	212
44 preterm\$.tw,tx.	574
45 INFANT, NEWBORN.kw.	613
46 (newborn\$ or neonate\$).tw,tx.	996
47 or/43-46	1149
48 HYPERBILIRUBINEMIA.kw.	3
49 HYPERBILIRUBINEMIA, NEONATAL.kw.	1
50 hyperbilirubin?emia\$.ti.	2
51 bilirubin?emia\$.ti.	0
52 ((bilirubin\$ or hyperbilirubin\$) adj3 encephalopath\$).tw,tx.	5
53 JAUNDICE.kw.	14
54 jaundice\$.ti.	10
55 KERNICTERUS.kw.	1
56 kernicterus.tw,tx.	14
57 or/48-56	23
58 METALLOPORPHYRINS.kw.	1
59 PORPHYRINS.kw.	3
60 (metalloporphyrin\$ or protoporphyrin\$ or mesoporphytin\$).tw,tx.	7
61 PORPHOBILINOGEN.kw.	0
62 "HEME OXYGENASE (DECYCLIZING)".kw.	0
63 SnMP.tw,tx.	0
64 GAMMA-GLOBULINS.kw.	1
65 gammaglobulin\$.tw,tx.	7
66 "gamma globulin\$".tw,tx.	14
67 IMMUNOGLOBULINS.kw.	50
68 immun?globulin\$.tw,tx.	251
69 "immuno globulin\$".tw,tx.	0
70 "immune globulin\$".tw,tx.	27

DRAFT FOR CONSULTATION

71 phenobarb\$.tw,tx.	81
72 PHENYTOIN.kw.	14
73 Phenytoin.tw,tx.	101
74 CLOFIBRATE.kw.	4
75 CHOLESTYRAMINE.kw.	3
76 (cholestyramine\$ or colestyramine\$).tw,tx.	32
77 AGAR.kw.	0
78 CHARCOAL.kw.	4
79 SUPPOSITORIES.kw.	3
80 COMPLEMENTARY THERAPIES.kw.	84
81 MEDICINE, HERBAL.kw.	4
82 ((alternative or complementary or traditional or herbal or integrative) adj3 (therap\$ or medicine\$)).tw,tx.	964
83 DRUGS, CHINESE HERBAL.kw.	60
84 "yin chin".tw.	0
85 manna.tw,tx.	0
86 infusion\$.tw,tx.	729
87 PENICILLAMINE.kw.	6
88 "d-penicillamin\$".tw,tx.	23
89 DIAZEPAM.kw.	14
90 or/58-89	2000
91 and/42,47,57,90	9

1  
2  
3  
4  
5  
6

**EMBASE 1980 to 2008 Week 49**

JAUN\_other\_treatments\_hyperbil\_embase\_041208

#	Searches	Results
1	CLINICAL TRIALS/	523012
2	(clinic\$ adj5 trial\$).ti,ab,sh.	123857
3	SINGLE BLIND PROCEDURE/	7842
4	DOUBLE BLIND PROCEDURE/	70681
5	RANDOM ALLOCATION/	26340
6	CROSSOVER PROCEDURE/	20766
7	PLACEBO/	120719
8	placebo\$.ti,ab,sh.	171464
9	random\$.ti,ab,sh.	424569
10	RANDOMIZED CONTROLLED TRIALS/	163469
11	((single or double or triple or treble) adj (blind\$ or	92005



DRAFT FOR CONSULTATION

mask\$)).ti,ab,sh.	
12 randomi?ed control\$ trial\$.tw.	32313
13 or/1-12	857875
14 META ANALYSIS/	34310
15 ((meta adj analy\$) or metaanalys\$ or meta-analy\$).ti,ab,sh.	44066
16 (systematic\$ adj5 (review\$ or overview\$)).ti,sh,ab.	26755
17 (methodologic\$ adj5 (review\$ or overview\$)).ti,ab,sh.	1631
18 or/14-17	60986
19 review.pt.	908965
20 (medline or medlars or embase).ab.	23253
21 (scisearch or science citation index).ab.	719
22 (psychlit or psyclit or psychinfo or psycinfo or cinahl or cochrane).ab.	8491
23 ((hand or manual\$) adj2 search\$).tw.	2670
24 (electronic database\$ or bibliographic database\$ or computeri?ed database\$ or online database\$).tw.	4286
25 (pooling or pooled or mantel haenszel).tw.	24587
26 (peto or dersimonian or "der simonian" or fixed effect).tw.	880
27 or/20-26	52240
28 and/19,27	18549
29 or/18,28	71320
30 (book or conference paper or editorial or letter or note or proceeding or short survey).pt.	1719512
31 13 not 30	733767
32 29 not 31	33373
33 or/31-32	767140
34 PREMATUREITY/	29195
35 preterm\$.tw.	26540
36 NEWBORN/	178121
37 (newborn\$ or neonate\$).tw.	97095
38 or/34-37	238783
39 HYPERBILIRUBINEMIA/	5702
40 HYPERBILIRUBINEMIA, NEONATAL/	1737
41 hyperbilirubin?emia\$.ti.	1057
42 bilirubin?emia\$.ti.	16
43 ((bilirubin\$ or hyperbilirubin\$) adj3 encephalopath\$).tw.	248
44 JAUNDICE/	9796

DRAFT FOR CONSULTATION

45 NEWBORN JAUNDICE/	1737
46 jaundice\$.ti.	3642
47 KERNICTERUS/	710
48 kernicterus\$.ti.	150
49 or/39-48	18115
50 exp PORPHYRIN/ or UROPORPHYRIN/ or exp PORPHYRIN DERIVATIVE/	173835
51 (metalloporphyrin\$ or protoporphyrin\$ or mesoporphytin\$).tw.	4773
52 porphobilinogen\$.tw.	821
53 HEME OXYGENASE.mp. or HEME OXYGENASE 1/ or HEME OXYGENASE 2/ [mp=title, abstract, subject headings, heading word, drug trade name, original title, device manufacturer, drug manufacturer name]	5287
54 SnMp.tw.	71
55 exp IMMUNOGLOBULIN/	168343
56 gammaglobulin\$.tw.	1482
57 "gamma globulin\$".tw.	3801
58 immunoglobulin\$.tw.	77114
59 "immuno globulin\$".tw.	66
60 "immune globulin\$".tw.	2079
61 PHENOBARBITAL/	31185
62 phenobarb\$.tw.	13026
63 PHENYTOIN/	35076
64 phenytoin.tw.	8259
65 CLOFIBRATE/	5091
66 COLESTYRAMINE/	6654
67 (cholestyramine\$ or colestyramine\$).tw.	1677
68 AGAR/	4871
69 CHARCOAL/	2304
70 SUPPOSITORY/	2067
71 exp ALTERNATIVE MEDICINE/ or exp TRADITIONAL MEDICINE/	32968
72 ((alternative or complementary or traditional or herbal or integrative) adj3 (therap\$ or medicine\$)).tw.	26693
73 "yin chin".tw.	2
74 MANNAN/	1619
75 infusion\$.tw.	147396
76 PENICILLAMINE/	11215
77 "d-penicillamin\$".tw.	2317

78 DIAZEPAM/	42601
79 or/50-78	672505
80 and/33,38,49,79	99

1  
2  
3  
4  
5  
6  
7

**CINAHL - Cumulative Index to Nursing & Allied Health Literature 1982 to November Week 4 2008**

JAUN\_other\_treatments\_hyperbil\_cinahl\_041208

#	Searches	Results
1	exp CLINICAL TRIALS/	67451
2	clinical trial.pt.	35791
3	(clinic\$ adj5 trial\$).tw,sh.	16660
4	SINGLE-BLIND STUDIES/	3223
5	DOUBLE-BLIND STUDIES/	12243
6	TRIPLE-BLIND STUDIES/	44
7	((single or double or triple or treble) adj5 (blind\$ or mask\$)).tw,sh.	9133
8	RANDOM ASSIGNMENT/	19804
9	random\$.tw.	59499
10	RANDOMIZED CONTROLLED TRIALS/	52404
11	randomi?ed control\$ trial\$.tw.	13122
12	PLACEBOS/	4809
13	placebo\$.tw.	12467
14	or/1-13	109025
15	META ANALYSIS/	7198
16	((meta adj analy\$) or metaanalys\$ or meta-analy\$).tw.	5719
17	SYSTEMATIC REVIEW/	4138
18	systematic review.pt.	13058
19	(systematic\$ adj5 (review\$ or overview\$)).tw.	10291
20	LITERATURE REVIEW/	2619
21	or/15-20	24384
22	("review" or "review studies" or "review academic" or "review tutorial").ti,ab,sh,pt. (medline or medlars or embase or cochrane or scisearch	121038
23	or psycinfo or psychinfo or psychlit or psyclit or "web of science" or "science citation").tw.	10568
24	((hand or manual\$) adj2 search\$).tw.	1147
25	(electronic database\$ or bibliographic database\$ or computeri?ed database\$ or online database\$).tw.	2024

DRAFT FOR CONSULTATION

26 (pooling or pooled or mantel haenszel).tw.	2984
27 (peto or dersimonian or "der simonian" or fixed effect).tw.	453
28 or/23-27	13988
29 and/22,28	8201
30 or/14,21,29	124217
31 letter.pt.	67553
32 commentary.pt.	89181
33 editorial.pt.	94706
34 or/31-33	202879
35 30 not 34	110523
36 INFANT, PREMATURE/	6317
37 preterm\$.tw.	5421
38 INFANT, NEWBORN/	39579
39 (newborn\$ or neonate\$).tw.	10039
40 or/36-39	44557
41 HYPERBILIRUBINEMIA/	219
42 hyperbilirubin?emia\$.ti.	143
43 ((bilirubin\$ or hyperbilirubin\$) adj3 encephalopath\$).tw.	27
44 JAUNDICE/	224
45 jaundice\$.ti.	304
46 KERNICTERUS/	102
47 kernicterus\$.ti.	41
48 or/41-47	735
49 porphyrins/ or metalloporphyrins/	92
50 (metalloporphyrin\$ or protoporphyrin\$ or mesoporphytin\$).tw.	84
51 porphobilinogen.tw.	6
52 heme oxygenase.tw.	92
53 SnMP.tw.	6
54 gamma globulins/ or exp immunoglobulins/	3774
55 gammaglobulin\$.tw.	24
56 "gamma globulin\$".tw.	51
57 immun?globulin\$.tw.	1736
58 "immuno globulin\$".tw.	1
59 "immune globulin\$".tw.	215
60 Phenobarbital/	162
61 phenobarb\$.tw.	157
62 Phenytoin/	388
63 phenytoin.tw.	327

DRAFT FOR CONSULTATION

64 clofibrate.tw.	13
65 Cholestyramine/	57
66 (cholestyramine\$ or colestyramine\$).tw.	34
67 agar.tw.	341
68 Charcoal/	296
69 Suppositories/	135
70 exp Alternative Therapies/	60038
71 exp medicine, herbal/ or exp medicine, traditional/	12079
72 Drugs, Chinese Herbal/	552
73 ((alternative or complementary or traditional or herbal or integrative) adj3 (therap\$ or medicine\$)).tw.	8267
74 "yin chin".tw.	0
75 manna\$.tw.	38
76 infusion.tw.	5939
77 Penicillamine/	55
78 "d-penicillamin\$".tw.	28
79 Diazepam/	279
80 or/49-79	74802
81 and/35,40,48,80	15

1  
2  
3  
4  
5  
6  
7  
8  
9  
10  
11  
12  
13

**CINAHL EBSCO**

**JAUN\_other\_treatments\_hyperbil\_cinahl\_041208**

Friday, May 01, 2009 5:22:11 AM

#	Query	Limiters/Expanders	Last Run Via	Results
S61	S5 and S17 and S60	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search Database -	129

DRAFT FOR CONSULTATION

			CINAHL with Full Text	
S60	S36 or S59	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search Database - CINAHL with Full Text	80303
S59	S37 or S38 or S39 or S40 or S41 or S42 or S43 or S44 or S45 or S46 or S47 or S48 or S49 or S50 or S51 or S52 or S53 or S54 or S55 or S56 or S57 or S58	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search Database - CINAHL with Full Text	74666
S58	immune globulin*	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search Database - CINAHL with Full Text	351
S57	MH DIAZEPAM	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search Database - CINAHL with Full Text	301
S56	TI (d penicillamin*) or AB (d penicillamin*)	Search modes - Boolean/Phrase	Interface - EBSCOhost	32

DRAFT FOR CONSULTATION

			Search Screen - Advanced Search Database - CINAHL with Full Text	
S55	MH PENICILLAMINE	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search Database - CINAHL with Full Text	59
S54	TI (infusion) or AB (infusion)	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search Database - CINAHL with Full Text	6714
S53	TI (manna*) or AB (manna*)	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search Database - CINAHL with Full Text	39
S52	TI (yin chin) or AB (yin chin)	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search Database -	0

			CINAHL with Full Text	
S51	TI (integrative N3 medicine*) or AB (integrative N3 medicine*)	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search Database - CINAHL with Full Text	294
S50	TI (integrative N3 therap*) or AB (integrative N3 therap*)	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search Database - CINAHL with Full Text	126
S49	TI (herbal N3 medicine*) or AB (herbal N3 medicine*)	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search Database - CINAHL with Full Text	969
S48	TI (herbal N3 therap*) or AB (herbal N3 therap*)	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search Database - CINAHL with Full Text	282
S47	TI (traditional N3 medicine*) or AB	Search modes - Boolean/Phrase	Interface - EBSCOhost	1288



DRAFT FOR CONSULTATION

	(traditional N3 medicine*)		Search Screen - Advanced Search Database - CINAHL with Full Text	
S46	TI (traditional N3 therap*) or AB (traditional N3 therap*)	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search Database - CINAHL with Full Text	608
S45	TI (alternative N3 medicine*) or AB (alternative N3 medicine*)	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search Database - CINAHL with Full Text	2708
S44	TI (alternative N3 therap*) or AB (alternative N3 therap*)	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search Database - CINAHL with Full Text	2182
S43	MH DRUGS, CHINESE HERBAL	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search Database -	647

## DRAFT FOR CONSULTATION

			CINAHL with Full Text	
S42	MH MEDICINE, TRADITIONAL+	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search Database - CINAHL with Full Text	12848
S41	MH MEDICINE, HERBAL+	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search Database - CINAHL with Full Text	4246
S40	MH ALTERNATIVE THERAPIES+	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search Database - CINAHL with Full Text	63683
S39	MH SUPPOSITORIES	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search Database - CINAHL with Full Text	149
S38	MH CHARCOAL	Search modes - Boolean/Phrase	Interface - EBSCOhost	306

			Search Screen - Advanced Search Database - CINAHL with Full Text	
S37	TI (agar*) or AB (agar*)	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search Database - CINAHL with Full Text	510
S36	S18 or S19 or S20 or S21 or S22 or S23 or S24 or S25 or S26 or S27 or S28 or S29 or S30 or S31 or S32 or S33 or S34 or S35	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search Database - CINAHL with Full Text	6179
S35	AB (cholestyramine* or colestyramine*)	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search Database - CINAHL with Full Text	33
S34	TI (cholestyramine* or colestyramine*)	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search Database -	11

## DRAFT FOR CONSULTATION

			CINAHL with Full Text	
S33	MH CHOLESTYRAMINE	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search Database - CINAHL with Full Text	60
S32	TI (clofibrate) or AB (clofibrate)	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search Database - CINAHL with Full Text	14
S31	TI (phenytoin) or AB (phenytoin)	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search Database - CINAHL with Full Text	363
S30	MH PHENYTOIN	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search Database - CINAHL with Full Text	410
S29	TI (phenobarb*) or AB (phenobarb*)	Search modes - Boolean/Phrase	Interface - EBSCOhost	181

			Search Screen - Advanced Search Database - CINAHL with Full Text	
S28	MH PHENOBARBITAL	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search Database - CINAHL with Full Text	178
S27	TI (immunglobulin* or immunoglobulin*) or AB (immunglobulin* or immunoglobulin*)	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search Database - CINAHL with Full Text	1952
S26	TI (gamma globulin* or gamma globulin*) or AB (gamma globulin* or gamma globulin*)	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search Database - CINAHL with Full Text	60
S25	TI (heme oxygenase) or AB (heme oxygenase)	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search Database -	115

DRAFT FOR CONSULTATION

			CINAHL with Full Text	
S24	MH IMMUNOGLOBULINS+	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search Database - CINAHL with Full Text	4068
S23	MH GAMMA GLOBULINS	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search Database - CINAHL with Full Text	58
S22	TI (SnMP) or AB (SnMP)	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search Database - CINAHL with Full Text	6
S21	TI (porphobilinogen*) or AB (porphobilinogen*)	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search Database - CINAHL with Full Text	7
S20	TI (metalloporphyrin* or protoporphyrin* or	Search modes - Boolean/Phrase	Interface - EBSCOhost	90

DRAFT FOR CONSULTATION

	mesoporphytin*) or AB (metalloporphyrin* or protoporphyrin* or mesoporphytin*)		Search Screen - Advanced Search Database - CINAHL with Full Text	
S19	MH METALLOPORPHYRINS	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search Database - CINAHL with Full Text	34
S18	MH PORPHYRINS	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search Database - CINAHL with Full Text	79
S17	S6 or S7 or S8 or S9 or S10 or S11 or S12 or S13 or S14 or S15 or S16	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search Database - CINAHL with Full Text	826
S16	(TI "kernicterus*")	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search Database -	49

DRAFT FOR CONSULTATION

			CINAHL with Full Text	
S15	MH KERNICTERUS	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search Database - CINAHL with Full Text	110
S14	(TI jaundice*)	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search Database - CINAHL with Full Text	329
S13	MH JAUNDICE	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search Database - CINAHL with Full Text	248
S12	(AB "hyperbilirubin*" N3 "encephalopath*")	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search Database - CINAHL with Full Text	3
S11	(TI "hyperbilirubin*" N3 "encephalopath*")	Search modes - Boolean/Phrase	Interface - EBSCOhost	0



			Search Screen - Advanced Search Database - CINAHL with Full Text	
S10	(AB "bilirubin*" N3 "encephalopath*")	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search Database - CINAHL with Full Text	25
S9	(TI "bilirubin*" N3 "encephalopath*")	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search Database - CINAHL with Full Text	8
S8	(TI "bilirubinaemia" OR "bilirubinemia")	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search Database - CINAHL with Full Text	6
S7	(TI "hyperbilirubinemia" or "hyperbilirubinaemia")	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search Database -	196

DRAFT FOR CONSULTATION

			CINAHL with Full Text	
S6	MH HYPERBILIRUBINEMIA	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search Database - CINAHL with Full Text	236
S5	S1 or S2 or S3 or S4	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search Database - CINAHL with Full Text	47455
S4	(TI "newborn*" or "neonate*") or (AB "newborn*" or "neonate*")	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search Database - CINAHL with Full Text	10880
S3	MH INFANT, NEWBORN	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search Database - CINAHL with Full Text	41764
S2	(TI "preterm*") or (AB "preterm*")	Search modes - Boolean/Phrase	Interface - EBSCOhost	5956

			Search Screen - Advanced Search Database - CINAHL with Full Text	
S1	MH INFANT, PREMATURE	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search Database - CINAHL with Full Text	6737

1  
2  
3  
4  
5  
6  
7

**AMED (Allied and Complementary Medicine) 1985 to March 2009**

JAUN\_other\_treatments\_hyperbil\_amed\_260309

#	Searches	Results
1	exp INFANT NEWBORN/	334
2	(prematu\$ adj3 (infant\$ or baby or babies)).tw.	150
3	preterm\$.tw.	143
4	(newborn\$ or neonate\$).tw.	493
5	or/1-4	685
6	hyperbilirubin?emi\$.tw.	12
7	((bilirubin\$ or hyperbilirubin\$) adj3 encephalopath\$).tw.	0
8	JAUNDICE/	32
9	jaundice\$.tw.	131
10	kernicterus.tw.	3
11	or/6-10	143
12	(metalloporphyrin\$ or protoporphyrin\$ or mesoporphytin\$).tw.	7
13	porphobilinogen.tw.	0
14	heme oxygenase.tw.	11
15	SnMP.tw.	0
16	gamma globulin\$.tw.	7

DRAFT FOR CONSULTATION

17 exp IMMUNOGLOBULINS/	64
18 immunoglobulin\$.tw.	125
19 "immuno globulin\$.tw.	0
20 "immune globulin\$.tw.	1
21 phenobarb\$.tw.	42
22 phenytoin.tw.	44
23 clofibrate.tw.	1
24 cholestyramine.tw.	0
25 colestyramine\$.tw.	0
26 agar.tw.	166
27 charcoal.tw.	44
28 SUPPOSITORIES/	2
29 exp COMPLEMENTARY THERAPIES/	39578
30 exp HERBAL DRUGS/ or exp DRUGS CHINESE HERBAL/ or exp HERBALISM/	8656
31 ((alternative or complementary or traditional or herbal or integrative) adj3 (therap\$ or medicine\$)).tw.	13567
32 yin chin.tw.	0
33 manna.tw.	0
34 infusion\$.tw.	422
35 penicillamine.tw.	3
36 d penicillamine.tw.	1
37 diazepam.tw.	78
38 or/12-37	48662
39 and/5,11,38	5

1  
2  
3  
4  
5  
6  
7  
8  
9  
10  
11  
12  
13  
14  
15

**QUESTION: (i)What are the appropriate criteria for monitoring babies with jaundice who are at lower risk of developing neonatal hyperbilirubinaemia/kernicterus. (ii) What are the appropriate criteria for monitoring babies diagnosed with neonatal hyperbilirubinaemia who do not require immediate treatment?**

**Ovid MEDLINE(R) 1950 to March Week 2 2009**

JAUN\_Q10\_monitor\_medline\_200309

#	Searches	Results
1	INFANT, PREMATURE/	32368

DRAFT FOR CONSULTATION

2	preterm\$.tw.	29467
3	INFANT, NEWBORN/	415422
4	(newborn\$ or neonate\$).tw.	137510
5	or/1-4	473411
6	HYPERBILIRUBINEMIA/	3391
7	HYPERBILIRUBINEMIA, NEONATAL/	179
8	hyperbilirubin?emia\$.ti.	2160
9	bilirubin?emia\$.ti.	148
10	((bilirubin\$ or hyperbilirubin\$) adj3 encephalopath\$).tw.	288
11	exp JAUNDICE/	9895
12	jaundice\$.ti.	9604
13	or/6-12	19658
14	(total adj3 serum adj3 bilirubin\$).tw.	1304
15	(serum adj3 bilirubin\$ adj3 level\$).tw.	1864
16	tsb.tw.	527
17	BILIRUBIN/bl [Blood]	11255
18	(unconjugated adj3 bilirubin).tw.	857
19	RISK ASSESSMENT/	99199
20	(risk\$ adj3 (assess\$ or index or model\$)).tw.	40976
21	RISK FACTORS/	371020
22	risk factor\$.tw.	203523
23	or/19-22	552451
24	exp MONITORING, PHYSIOLOGIC/	93688
25	(monitor\$ or assess\$ or check\$ or measure\$).tw.	2510349
26	or/14-18,24-25	2555927
27	26 and 23 and 13	279

1  
2  
3  
4  
5  
6  
7  
8

**EBM Reviews - Cochrane Central Register of Controlled Trials  
1st Quarter 2009**

JAUN\_Q10\_monitor\_cctr\_200309

#	Searches	Results
1	INFANT, PREMATURE/	1763
2	preterm\$.tw.	3175
3	INFANT, NEWBORN/	8634
4	(newborn\$ or neonate\$).tw.	4338
5	or/1-4	11718

DRAFT FOR CONSULTATION

6	HYPERBILIRUBINEMIA/	58
7	HYPERBILIRUBINEMIA, NEONATAL/	11
8	hyperbilirubin?emia\$.ti.	149
9	bilirubin?emia\$.ti.	4
10	((bilirubin\$ or hyperbilirubin\$) adj3 encephalopath\$).tw.	10
11	exp JAUNDICE/	54
12	jaundice\$.ti.	199
13	or/6-12	445
14	(total adj3 serum adj3 bilirubin\$).tw.	119
15	(serum adj3 bilirubin\$ adj3 level\$).tw.	190
16	tsb.tw.	26
17	BILIRUBIN/bi [Blood]	491
18	(unconjugated adj3 bilirubin).tw.	22
19	RISK ASSESSMENT/	3167
20	(risk\$ adj3 (assess\$ or index or model\$)).tw.	1714
21	RISK FACTORS/	10860
22	risk factor\$.tw.	8588
23	or/19-22	18928
24	exp MONITORING, PHYSIOLOGIC/	5952
25	(monitor\$ or assess\$ or check\$ or measure\$).tw.	186478
26	or/14-18,24-25	188292
27	and/5,13,23,26	5

1  
2  
3  
4  
5  
6

**DARE, CDSR**

JAUN\_Q10\_monitor\_cdsrdare\_200309

#	Searches	Results
1	INFANT, PREMATURE.kw.	216
2	preterm\$.tw,tx.	586
3	INFANT, NEWBORN.kw.	632
4	(newborn\$ or neonate\$).tw,tx.	1024
5	or/1-4	1180
6	HYPERBILIRUBINEMIA.kw.	3
7	HYPERBILIRUBINEMIA, NEONATAL.kw.	1
8	hyperbilirubin?emia\$.ti.	2
9	bilirubin?emia\$.ti.	0
10	((bilirubin\$ or hyperbilirubin\$) adj3 encephalopath\$).tw,tx.	5

DRAFT FOR CONSULTATION

11 JAUNDICE.kw.	15
12 jaundice\$.ti.	10
13 or/6-12	19
14 (total adj3 serum adj3 bilirubin\$).tw,tx.	15
15 (serum adj3 bilirubin\$ adj3 level\$).tw,tx.	24
16 tsb.tw,tx.	1
17 BILIRUBIN.kw.	4
18 (unconjugated adj3 bilirubin).tw,tx.	5
19 RISK ASSESSMENT.kw.	297
20 (risk\$ adj3 (assess\$ or index or model\$)).tw,tx.	2532
21 RISK FACTORS.kw.	639
22 risk factor\$.tw,tx.	1797
23 or/19-22	3770
24 MONITORING, PHYSIOLOGIC.kw.	24
25 (monitor\$ or assess\$ or check\$ or measure\$).tw,tx.	11886
26 or/14-18,24-25	11886
27 and/5,13,23,26	3

1  
2  
3  
4  
5  
6  
7

**EMBASE 1980 to 2009 Week 12**

JAUN\_Q10\_monitor\_embase\_200309

#	Searches	Results
1	PREMATURITY/	29715
2	preterm\$.tw.	27075
3	NEWBORN/	179953
4	(newborn\$ or neonate\$).tw.	98486
5	or/1-4	241790
6	HYPERBILIRUBINEMIA/	5856
7	hyperbilirubin?emia\$.ti.	1072
8	bilirubin?emia\$.ti.	16
9	((bilirubin\$ or hyperbilirubin\$) adj3 encephalopath\$).tw.	255
10	JAUNDICE/	10024
11	NEWBORN JAUNDICE/	1771
12	jaundice\$.ti.	3683
13	or/6-12	18257
14	(total adj3 serum adj3 bilirubin\$).tw.	1224

DRAFT FOR CONSULTATION

15 (serum adj3 bilirubin\$ adj3 level\$).tw.	1610
16 tsb.tw.	397
17 exp Bilirubin/	16861
18 bilirubin blood level/	7172
19 (unconjugated adj3 bilirubin).tw.	660
20 or/14-19	19735
21 risk assessment/	178969
22 risk factor/	242752
23 (risk\$ adj3 (assess\$ or index or model\$)).tw.	38687
24 risk factor\$.tw.	186438
25 or/21-24	459071
26 BIOLOGICAL MONITORING/	9396
27 (monitor\$ or assess\$ or check\$ or measure\$).tw.	2211279
28 or/26-27	2214066
29 or/20,28	2228449
30 and/5,13,25,29	278

1  
2  
3  
4  
5  
6

**CINAHL EBSCO**

JAUN\_Q10\_monitor\_cinahl\_230309

Tuesday, March 24, 2009 7:53:17 AM

#	Query	Limiters/Expanders	Last Run Via	Results
S31	S5 and S15 and S23 and S30	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search Database - CINAHL with Full Text	61
S30	S24 or S25 or S26 or S27 or S28 or S29	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search Database -	105500



## DRAFT FOR CONSULTATION

			CINAHL with Full Text	
S29	risk factor*	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search Database - CINAHL with Full Text	92330
S28	MH RISK FACTORS	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search Database - CINAHL with Full Text	35295
S27	risk* N3 model*	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search Database - CINAHL with Full Text	1390
S26	risk* N3 index*	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search Database - CINAHL with Full Text	626
S25	risk* N3 assess*	Search modes - Boolean/Phrase	Interface - EBSCOhost	21048

			Search Screen - Advanced Search Database - CINAHL with Full Text	
S24	MH RISK ASSESSMENT	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search Database - CINAHL with Full Text	16760
S23	S16 or S17 or S18 or S19 or S20 or S21 or S22	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search Database - CINAHL with Full Text	363637
S22	monitor* or assess* or check* or measure*	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search Database - CINAHL with Full Text	354439
S21	MH MONITORING, PHYSIOLOGIC+	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search Database -	26751

DRAFT FOR CONSULTATION

			CINAHL with Full Text	
S20	unconjugated N3 bilirubin	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search Database - CINAHL with Full Text	25
S19	MH BILIRUBIN/BL	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search Database - CINAHL with Full Text	289
S18	tsb	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search Database - CINAHL with Full Text	41
S17	serum N3 bilirubin* N3 level*	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search Database - CINAHL with Full Text	85
S16	total N3 serum N3 bilirubin*	Search modes - Boolean/Phrase	Interface - EBSCOhost	90

DRAFT FOR CONSULTATION

			Search Screen - Advanced Search Database - CINAHL with Full Text	
S15	S6 or S7 or S8 or S9 or S10 or S11 or S12 or S13 or S14	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search Database - CINAHL with Full Text	742
S14	TI jaundice*	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search Database - CINAHL with Full Text	328
S13	MH JAUNDICE	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search Database - CINAHL with Full Text	238
S12	hyperbilirubin* N3 encephalopath*	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search Database -	3

DRAFT FOR CONSULTATION

			CINAHL with Full Text	
S11	bilirubin* N3 encephalopath*	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search Database - CINAHL with Full Text	32
S10	TI bilirubinemia	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search Database - CINAHL with Full Text	1
S9	TI bilirubinaemia	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search Database - CINAHL with Full Text	0
S8	TI hyperbilirubinaemia	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search Database - CINAHL with Full Text	17
S7	TI hyperbilirubinemia	Search modes - Boolean/Phrase	Interface - EBSCOhost	140

DRAFT FOR CONSULTATION

			Search Screen - Advanced Search Database - CINAHL with Full Text	
S6	MH HYPERBILIRUBINEMIA	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search Database - CINAHL with Full Text	234
S5	S1 or S2 or S3 or S4	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search Database - CINAHL with Full Text	46957
S4	(newborn* OR neonate*)	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search Database - CINAHL with Full Text	43950
S3	MH INFANT, NEWBORN	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search Database -	41224

			CINAHL with Full Text	
S2	preterm*	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search Database - CINAHL with Full Text	5868
S1	MH INFANT, PREMATURE	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search Database - CINAHL with Full Text	6597

1

2

3

4 **QUESTION: What information and support should be given to**  
5 **parents/carers of babies with neonatal hyperbilirubinaemia?**

6

7 **Ovid MEDLINE(R) 1950 to March Week 3 2009**

8

9 JAUN\_Q13\_infosupport\_medline\_010409\_2

10

#	Searches	Results
1	INFANT, PREMATURE/	32387
2	preterm\$.tw.	29486
3	INFANT, NEWBORN/	415634
4	(newborn\$ or neonate\$).tw.	137581
5	or/1-4	473662
6	HYPERBILIRUBINEMIA/	3391
7	HYPERBILIRUBINEMIA, NEONATAL/	179
8	hyperbilirubin?emia\$.ti.	2160
9	bilirubin?emia\$.ti.	148
10	((bilirubin\$ or hyperbilirubin\$) adj3 encephalopath\$).tw.	288

DRAFT FOR CONSULTATION

11	exp JAUNDICE/	9897
12	jaundice\$.ti.	9604
13	KERNICTERUS/	882
14	kernicterus.tw.	655
15	or/6-14	20332
16	HEALTH EDUCATION/ or PATIENT EDUCATION AS TOPIC/	97466
17	(information\$ or education\$ or communication\$ or advice or advice).ti.	158771
18	PAMPHLETS/	2478
19	(booklet\$ or leaflet\$ or pamphlet\$ or brochure\$ or hand?out\$).tw.	14834
20	(educat\$ adj3 (video\$ or literature\$)).tw.	1128
21	SELF-HELP GROUPS/	6446
22	((support\$ or self-help\$) adj3 group\$).tw.	9067
23	patient education handout.pt.	2643
24	guideline.pt.	14517
25	practice guideline.pt.	12999
26	HOTLINES/	1698
27	help line\$.tw.	64
28	INTERNET/	28890
29	((internet or web) adj based).tw.	7028
30	TELEPHONE/	7139
31	(telephone adj2 support).tw.	230
32	or/16-31	309649
33	and/5,15,32	38

1  
2  
3  
4  
5  
6  
7  
8  
9  
10  
11

**EBM Reviews - Cochrane Central Register of Controlled Trials  
1st Quarter 2009**

JAUN\_Q13\_infosupport\_cctr\_010409\_2

#	Searches	Results
1	INFANT, PREMATURE/	1763
2	preterm\$.tw.	3175
3	INFANT, NEWBORN/	8634



DRAFT FOR CONSULTATION

4	(newborn\$ or neonate\$).tw.	4338
5	or/1-4	11718
6	HYPERBILIRUBINEMIA/	58
7	HYPERBILIRUBINEMIA, NEONATAL/	11
8	hyperbilirubin?emia\$.ti.	149
9	bilirubin?emia\$.ti.	4
10	((bilirubin\$ or hyperbilirubin\$) adj3 encephalopath\$).tw.	10
11	exp JAUNDICE/	54
12	jaundice\$.ti.	199
13	KERNICTERUS/	2
14	kernicterus.tw.	8
15	or/6-14	450
16	HEALTH EDUCATION/ or PATIENT EDUCATION AS TOPIC/	5434
17	(information\$ or education\$ or communication\$ or advice or advice).ti.	5700
18	PAMPHLETS/	393
19	(booklet\$ or leaflet\$ or pamphlet\$ or brochure\$ or hand?out\$).tw.	1207
20	(educat\$ adj3 (video\$ or literature\$)).tw.	209
21	SELF-HELP GROUPS/	333
22	((support\$ or self-help\$) adj3 group\$).tw.	1865
23	patient education handout.pt.	6
24	guideline.pt.	24
25	practice guideline.pt.	17
26	HOTLINES/	55
27	help line\$.tw.	5
28	INTERNET/	498
29	((internet or web) adj based).tw.	450
30	TELEPHONE/	713
31	(telephone adj2 support).tw.	122
32	or/16-31	12910
33	and/5,15,32	0

1  
2  
3  
4  
5  
6  
7

**DARE, CDSR**

JAUN\_Q13\_infosupport\_cdsrdare\_010409\_2

#	Searches	Results
---	----------	---------

DRAFT FOR CONSULTATION

1	INFANT, PREMATURE.kw.	216
2	preterm\$.tw,tx.	586
3	INFANT, NEWBORN.kw.	632
4	(newborn\$ or neonate\$).tw,tx.	1024
5	or/1-4	1180
6	HYPERBILIRUBINEMIA.kw.	3
7	HYPERBILIRUBINEMIA, NEONATAL.kw.	1
8	hyperbilirubin?emia\$.ti.	2
9	bilirubin?emia\$.ti.	0
10	((bilirubin\$ or hyperbilirubin\$) adj3 encephalopath\$).tw,tx.	5
11	JAUNDICE.kw.	15
12	jaundice\$.ti.	10
13	KERNICTERUS.kw.	1
14	kernicterus.tw,tx.	15
15	or/6-14	24
16	(HEALTH EDUCATION or PATIENT EDUCATION AS TOPIC).kw.	367
17	(information\$ or education\$ or communication\$ or advice or advice).ti.	231
18	PAMPHLETS.kw.	5
19	(booklet\$ or leaflet\$ or pamphlet\$ or brochure\$ or hand?out\$).tw,tx.	270
20	(educat\$ adj3 (video\$ or literature\$)).tw,tx.	48
21	SELF-HELP GROUPS.kw.	32
22	((support\$ or self-help\$) adj3 group\$).tw,tx.	787
23	patient education handout.pt.	0
24	guideline.pt.	0
25	practice guideline.pt.	0
26	HOTLINES.kw.	2
27	help line\$.tw,tx.	13
28	INTERNET.kw.	23
29	((internet or web) adj based).tw,tx.	125
30	TELEPHONE.kw.	22
31	(telephone adj2 support).tw,tx.	45
32	or/16-31	1467
33	and/5,15,32	1

1  
2  
3  
4

**EMBASE 1980 to 2009 Week 13**

DRAFT FOR CONSULTATION

1 JAUN\_Q13\_infosupport\_embase\_020409\_2

2

#	Searches	Results
1	PREMATURITY/	29758
2	preterm\$.tw.	27105
3	NEWBORN/	180064
4	(newborn\$ or neonate\$).tw.	98572
5	or/1-4	241975
6	HYPERBILIRUBINEMIA/	5862
7	hyperbilirubin?emia\$.ti.	1072
8	bilirubin?emia\$.ti.	16
9	((bilirubin\$ or hyperbilirubin\$) adj3 encephalopath\$).tw.	255
10	JAUNDICE/	10032
11	NEWBORN JAUNDICE/	1772
12	jaundice\$.ti.	3687
13	KERNICTERUS/	729
14	kernicterus\$.ti.	154
15	or/6-14	18536
16	PATIENT INFORMATION/	12976
17	(information adj1 (provid\$ or provision\$ or supply\$)).tw.	23297
18	PATIENT EDUCATION/	27311
19	(patient\$ adj3 educat\$).tw.	11149
20	(booklet\$ or leaflet\$ or pamphlet\$ or brochure\$ or hand?out\$).tw.	11345
21	(educat\$ adj3 (video\$ or literature\$)).tw.	634
22	SELF HELP/	3169
23	((support\$ or self-help\$) adj3 group\$).tw.	7033
24	CONSUMER HEALTH INFORMATION/ or INFORMATION SERVICE/ or MEDICAL INFORMATION/	35285
25	INTERNET/ or TELEPHONE/	37478
26	(telephone adj2 support).tw.	160
27	((internet or web) adj based).tw.	5104
28	(hotline\$ or help line\$).tw.	378
29	exp PRACTICE GUIDELINE/	147283
30	or/16-29	286967
31	and/5,15,30	148

3

4

5 **CINAHL EBSCO**

6

DRAFT FOR CONSULTATION

1 JAUN\_Q13\_infosupport\_embase\_020409\_5

2

Thursday, April 02, 2009 7:31:15 AM

#	Query	Limiters/Expanders	Last Run Via	Results
S38	S5 and S17 and S37	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search Database - CINAHL with Full Text	113
S37	S18 or S19 or S20 or S21 or S22 or S23 or S24 or S25 or S26 or S27 or S28 or S29 or S30 or S31 or S32 or S33 or S34 or S35 or S36	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search Database - CINAHL with Full Text	432694
S36	MH PRACTICE GUIDELINES	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search Database - CINAHL with Full Text	17274
S35	telephone N2 support	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search Database - CINAHL with Full Text	202

DRAFT FOR CONSULTATION

S34	web based	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search Database - CINAHL with Full Text	2229
S33	internet based	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search Database - CINAHL with Full Text	677
S32	MH INTERNET	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search Database - CINAHL with Full Text	12638
S31	help line*	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search Database - CINAHL with Full Text	225
S30	helpline*	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced	345

DRAFT FOR CONSULTATION

			Search Database - CINAHL with Full Text	
S29	MH TELEPHONE INFORMATION SERVICES	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search Database - CINAHL with Full Text	1589
S28	self-help N3 group*	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search Database - CINAHL with Full Text	458
S27	selfhelp N3 group*	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search Database - CINAHL with Full Text	3
S26	support* N3 group*	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search Database - CINAHL with Full Text	7118

DRAFT FOR CONSULTATION

S25	MH SUPPORT GROUPS	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search Database - CINAHL with Full Text	4537
S24	educat* N3 literature*	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search Database - CINAHL with Full Text	856
S23	educat* N3 video*	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search Database - CINAHL with Full Text	375
S22	booklet* or leaflet* or pamphlet* or brochure* or handout*	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search Database - CINAHL with Full Text	3395
S21	MH PAMPHLETS	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced	1395

			Search Database - CINAHL with Full Text	
S20	information* or education* or communication* or advice or advise	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search Database - CINAHL with Full Text	410021
S19	MH PATIENT EDUCATION	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search Database - CINAHL with Full Text	28363
S18	MH HEALTH EDUCATION	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search Database - CINAHL with Full Text	9160
S17	S6 or S7 or S8 or S9 or S10 or S11 or S12 or S13 or S14 or S15 or S16	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search Database - CINAHL with Full Text	813



DRAFT FOR CONSULTATION

S16	(TI "kernicterus*")	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search Database - CINAHL with Full Text	Display
S15	MH KERNICTERUS	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search Database - CINAHL with Full Text	Display
S14	(TI jaundice*)	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search Database - CINAHL with Full Text	Display
S13	MH JAUNDICE	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search Database - CINAHL with Full Text	Display
S12	(AB "hyperbilirubin*" N3 "encephalopath*")	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced	Display

			Search Database - CINAHL with Full Text	
S11	(TI "hyperbilirubin*" N3 "encephalopath*")	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search Database - CINAHL with Full Text	Display
S10	(AB "bilirubin*" N3 "encephalopath*")	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search Database - CINAHL with Full Text	Display
S9	(TI "bilirubin*" N3 "encephalopath*")	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search Database - CINAHL with Full Text	Display
S8	(TI "bilirubinaemia" OR "bilirubinemia")	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search Database - CINAHL with Full Text	Display

S7	(TI "hyperbilirubinemia" or "hyperbilirubinaemia")	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search Database - CINAHL with Full Text	Display
S6	MH HYPERBILIRUBINEMIA	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search Database - CINAHL with Full Text	Display
S5	S1 or S2 or S3 or S4	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search Database - CINAHL with Full Text	Display
S4	(TI "newborn*" or "neonate*") or (AB "newborn*" or "neonate*")	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search Database - CINAHL with Full Text	Display
S3	MH INFANT, NEWBORN	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced	Display

DRAFT FOR CONSULTATION

			Search Database - CINAHL with Full Text	
S2	(TI "preterm*") or (AB "preterm*")	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search Database - CINAHL with Full Text	Display
S1	MH INFANT, PREMATURE	Search modes - Boolean/Phrase	Interface - EBSCOhost Search Screen - Advanced Search Database - CINAHL with Full Text	Display

1  
2  
3  
4  
5  
6  
7  
8