National Institute for Health and Care Excellence

Consultation draft

Depression in adults: treatment and management

Appendix U2.11: Text from CG90 Appendix 19a that has been deleted

NICE Guideline

Appendices

May 2018

Disclaimer

Healthcare professionals are expected to take NICE clinical guidelines fully into account when exercising their clinical judgement. However, the guidance does not override the responsibility of healthcare professionals to make decisions appropriate to the circumstances of each patient, in consultation with the patient and/or their guardian or carer.

Copyright

National Institute for Health and Care Excellence [2018]. All rights reserved. Subject to Notice of rights.

Appendix 19a: Clinical evidence forest plots for service delivery

Contents

Crisis resolution and home treatment teams (CRHTTs)	
Day hospitals	7
Non-statutory support	14
Collaborative care	15
Collaborative care (C-care) 01: Efficacy - pre-sensitivity analysis	15
Collaborative care (C-care) 02: Acceptability and tolerability - pre-sensitivity analysis	22
Collaborative care (C-care) 03: Efficacy - sensitivity analysis	24
Collaborative care (C-care) 04: Acceptability and tolerability - sensitivity analysis	
Medication management	31
Medication management (Med-man) 01: Efficacy	
Medication management (Med-man) 02: Acceptability and tolerability	33
Attached professional	
Attached professional 01: Efficacy	34

Review[.]

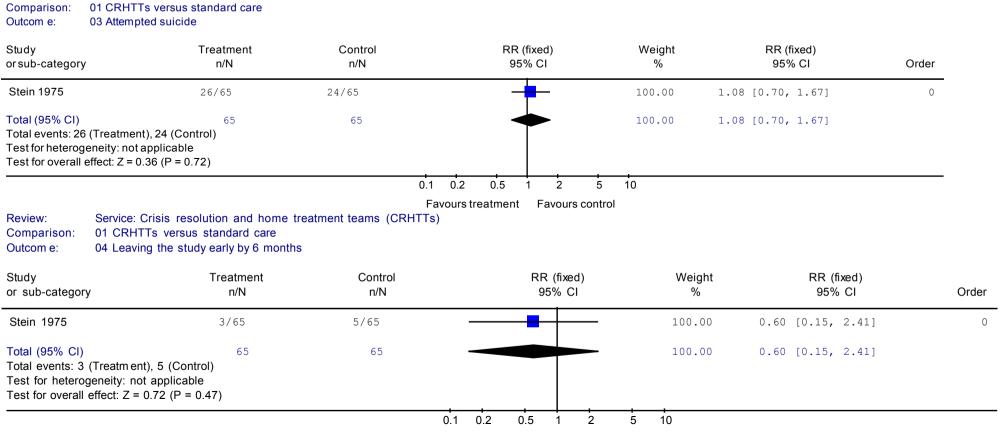
Crisis resolution and home treatment teams (CRHTTs)

Service: Crisis resolution and home treatment teams (CRHTTs)

01 CRHTTs versus standard care Comparison: Outcome: 01 Death (any cause) Study Treatment Control RR (fixed) Weight RR (fixed) 95% CI or sub-category n/N n/N 95% CI % Order Stein 1975 1/65 1/65 → 100.00 1.00 [0.06, 15.65] 0 4 Total (95% CI) 65 65 100.00 1.00 [0.06, 15.65] Total events: 1 (Treatment), 1 (Control) Test for heterogeneity: not applicable Test for overall effect: Z = 0.00 (P = 1.00) 0.5 2 5 10 0.1 0.2 1 Favours treatment Favours control Review: Service: Crisis resolution and home treatment teams (CRHTTs) Comparison: 01 CRHTTs versus standard care Outcome: 02 Death (suicide or death in suspicious circumstances) Study Treatment Control RR (fixed) Weight RR (fixed) or sub-category n/N n/N 95% CI % 95% CI Order Stein 1975 1/65 1/65 → 100.00 1.00 [0.06, 15.65] 0 Total (95% CI) 65 65 **1**00.00 1.00 [0.06, 15.65] Total events: 1 (Treatment), 1 (Control) Test for heterogeneity: not applicable Test for overall effect: Z = 0.00 (P = 1.00) 0.1 0.2 0.5 1 2 . 5 10 Favours treatment Favours control

Service: Crisis resolution and home treatment teams (CRHTTs)

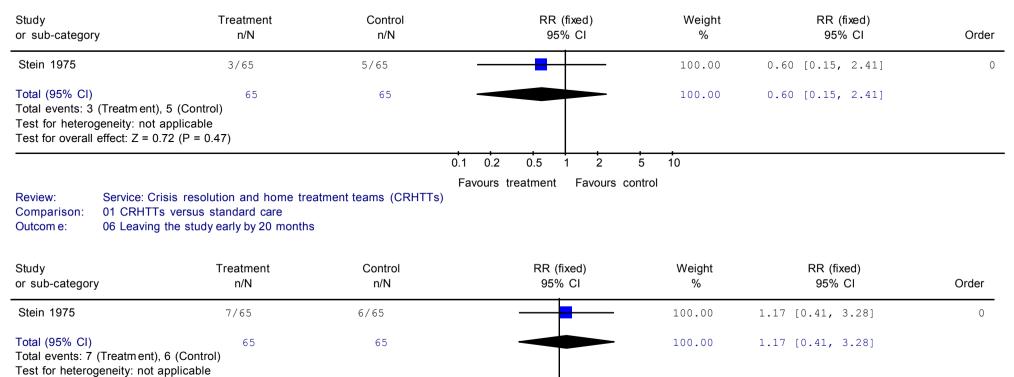
Review:



Review: Service: Crisis resolution and home treatment teams (CRHTTs) 01 CRHTTs versus standard care Comparison:

Test for overall effect: Z = 0.29 (P = 0.77)

Outcom e: 05 Leaving the study early by 12 months



1 Favours treatment Favours control

2

5

10

0.5

0.1

0.2

Review: Service: Crisis resolution and home treatment teams (CRHTTs) Comparison: 01 CRHTTs versus standard care Outcome: 07 Burden to family

Study or sub-category	Treatment n/N	Control n/N	RR (fixed) 95% Cl	Weight %	RR (fixed) 95% CI	Order
01 Disruption to daily routine Stein 1975 Subtotal (95% CI) Total events: 43 (Treatment) Test for heterogeneity: not ap Test for overall effect: Z = 1.1	43/65 65 , 49 (Control) oplicable	49/65 65	-	100.00 100.00	0.88 [0.70, 1.10] 0.88 [0.70, 1.10]	0
02 Disruption to daily routine Stein 1975 Subtotal (95% CI) Total events: 44 (Treatment) Test for heterogeneity: not a Test for overall effect: Z = 0.5	44/65 65 , 49 (Control) oplicable	49/65 6	-	100.00 100.00	0.90 [0.72, 1.12] 0.90 [0.72, 1.12]	0
03 Disruption to social life b Stein 1975 Subtotal (95% CI) Total events: 43 (Treatment) Test for heterogeneity: not ap Test for overall effect: Z = 1.7	43/65 65 , 52 (Control) oplicable	52/65 65	-	100.00 100.00	0.83 [0.67, 1.02] 0.83 [0.67, 1.02]	0
04 Disruption to social life b Stein 1975 Subtotal (95% CI) Total events: 46 (Treatment) Test for heterogeneity: not a Test for overall effect: Z = 0.5	46/65 65 , 49 (Control) oplicable	49/65 6	-	100.00 100.00	0.94 [0.76, 1.16] 0.94 [0.76, 1.16]	0
05 Physical illness due to pa Stein 1975 Subtotal (95% CI) Total events: 51 (Treatment) Test for heterogeneity: not ap Test for overall effect: Z = 2.4	atient's illness by 3 months 51/65 65 , 61 (Control) oplicable	61/65 65	•	100.00 100.00	0.84 [0.73, 0.96] 0.84 [0.73, 0.96]	0
06 Physical illness due to pa Stein 1975 Subtotal (95% CI) Total events: 45 (Treatment) Test for heterogeneity: not ap Test for overall effect: Z = 2.4	45/65 65 , 57 (Control) oplicable	57/65 65		100.00 100.00	0.79 [0.66, 0.95] 0.79 [0.66, 0.95]	0

Favours treatment Favours control

Review:Service: Crisis resolution and home treatment teams (CRHTTs)Comparison:01 CRHTTs versus standard careOutcom e:08 Burden to comm unity

Study or sub-category	Treatment n/N	Control n/N	RR (fixed) 95% Cl	Weight %	RR (fixed) 95% Cl	Order
01 At least one arrest Stein 1975	25/65	33/65	_	100.00	0.76 [0.51, 1.12]	0
Subtotal (95% CI)	65	65		100.00	0.76 [0.51, 1.12]	0
Total events: 25 (Treatment). Test for heterogeneity: not a Test for overall effect: Z = 1.4	, 33 (Control) pplicable			100.00	0.70 [0.01/ 1.12]	
02 At least one use of emerg	gency services					
Stein 1975	18/65	21/65		100.00	0.86 [0.51, 1.45]	0
Subtotal (95% CI)	65	65		100.00	0.86 [0.51, 1.45]	
Total events: 18 (Treatment)	, 21 (Control)					
Test for heterogeneity: not a	pplicable					
Test for overall effect: Z = 0.5	7 (P = 0.57)					
		0.	1 0.2 0.5 1 2	5 10		
		I	Favours treatment Favours co	ntrol		

Day hospitals

Review:	Service: Day hospitals
Comparison:	01 Day hospital vs Inpatient care Type 1 trials (unsuitable patients excluded before randomisation)
Outcom e:	01 Leaving the study early for any reason

Study or sub-category	Treatment n/N	Control n/N	•	random) 5% Cl	Weight %	RR (random) 95% Cl	Order
Dick1985	5/43	3/48		-	34.54	1.86 [0.47, 7.33]	2
Sledge1996	19/93	37/104		-	65.46	0.57 [0.36, 0.93]	5
Total (95% CI)	136	152			100.00	0.86 [0.29, 2.59]	
Total events: 24 (Treatmen	it), 40 (Control)						
Test for heterogeneity: Chi^2 Test for overall effect: Z = 0	² = 2.53, df = 1 (P = 0.11), l² = 0.27 (P = 0.79)	60.5%					
		0.	1 0.2 0.5	1 2	5 10		

Review: Service: Day hospitals

Comparison:01 Day hospital vs Inpatient care Type 1 trials (unsuitable patients excluded before randomisation)Outcom e:03 Readmitted to IP or DP care after discharge from IP or DP care.

Study or sub-category	Treatment n/N	Control n/N	RR (fixed) 95% Cl	Weight %	RR (fixed) 95% Cl	Order
Dick1985	8/43	10/48		20.85	0.89 [0.39, 2.06]	0
Sledge1996	36/93	38/104	_ + -	79.15	1.06 [0.74, 1.52]	0
Total (95% CI) Total events: 44 (Treatmer Test for heterogeneity: Chi ² Test for overall effect: Z = 0	² = 0.14, df = 1 (P = 0.71), l ² =	152 = 0%	+	100.00	1.02 [0.74, 1.43]	
			1 0.2 0.5 1 2	5 10		

Review:Service: Day hospitalsComparison:01 Day hospital vs Inpatient care Type 1 trials (unsuitable patients excluded before randomisation)Outcome:06 Duration of index admission (individual patient data)

Study or sub-category	Ν	Treatment Mean (SD)	Ν	Control Mean (SD)			D (fixed) i% Cl	Weight %	WMD (fixed) 95% Cl	Order
Sledge1996	93	31.80(44.00)	104	36.40(41.80)	•			- 100.00	-4.60 [-16.62, 7.42]	0
Total (95% CI) Test for heterogeneity: no Test for overall effect: Z =			104					- 100.00	-4.60 [-16.62, 7.42]	
					-10 Eavou	-5 rstreatment	0 5 Favours cont	10		

Review: Service: Day hospitals

Comparison: 01 Day hospital vs Inpatient care Type 1 trials (unsuitable patients excluded before randomisation) Outcome: 07 Inpatient Days/month (individual patient data)

Study or sub-category	N	Treatment Mean (SD)	Ν	Control Mean (SD)			0 (fixed) % Cl	Weight %	WMD (fixed) 95% Cl	Order
Sledge1996	93	2.24(4.89)	104	4.35(4.75)				100.00	-2.11 [-3.46, -0.76]	0
Total (95% Cl) Test for heterogeneity: not appli Test for overall effect: Z = 3.06 (104			•		100.00	-2.11 [-3.46, -0.76]	
					-10	-5	0 5	10		
					Favou	rs treatment	Favours co	ontrol		

Review: Service: Day hospitals

Comparison:01 Day hospital vs Inpatient care Type 1 trials (unsuitable patients excluded before randomisation)Outcome:08 Day patient adjusted days/month (individual patient data)

Study or sub-category	Ν	Treatment Mean (SD)	N	Control Mean (SD)			D (fixed) i% Cl	Weight %	WMD (fixed) 95% Cl	Order
Sledge1996	93	2.85(1.65)	104	0.79(1.50)			-	100.00	2.06 [1.62, 2.50]	0
Total (95% CI) Test for heterogeneity: no Test for overall effect: Z =		01)	104				•	100.00	2.06 [1.62, 2.50]	
					-10	-5	0 5	10		

Review: Service: Day hospitals 01 Day hospital vs Inpatient care Type 1 trials (unsuitable patients excluded before randomisation) 09 All hospital days/month (individual patient data) Comparison: Outcome:

Study or sub-category	N	Treatment Mean (SD)	N	Control Mean (SD)			0 (fixed) % Cl	Weight %	WMD (fixed) 95% Cl	Order
Sledge1996	93	5.08(4.97)	104	5.14(5.13)		-	-	100.00	-0.06 [-1.47, 1.35]	0
Total (95% CI) Test for heterogeneity: no Test for overall effect: Z =			104			-		100.00	-0.06 [-1.47, 1.35]	
					-10	-5	0	5 10		
					Favou	rs treatment	Favours	control		

Review: Service: Day hospitals Comparison: 02 Day hospital vs outpatient care Outcome: 01 Deaths (all causes)

Study or sub-category	Treatment Control n/N n/N		RR (fixed) 95% Cl	Weight %	RR (fixed) 95% Cl	Order
Tyrer1979	2/48	1/58		100.00	2.42 [0.23, 25.85]	0
Total (95% CI) Total events: 2 (Treatment) Test for heterogeneity: not Test for overall effect: Z = 0	pplicable	58		100.00	2.42 [0.23, 25.85]	
		0.1	0.2 0.5 1 2	5 10		

Review:Service: Day hospitalsComparison:02 Day hospital vs outpatient careOutcome:02 Number lost to follow-up

outcome:	02 Number lost to follow-up

Study or sub-category	Treatment n/N	Control n/N	RR (fixed) 95% CI	Weight %	RR (fixed) 95% Cl	Order
01 at 6-8 months						
Dick1991	2/46	2/50		19.04	1.09 [0.16, 7.40]	0
Tyrer1979	8/48	9/58	<u> </u>	80.96	1.07 [0.45, 2.57]	0
Subtotal (95% CI)	94	108		100.00	1.08 [0.49, 2.38]	
Total events: 10 (Treatment) Test for heterogeneity: Chi^2 Test for overall effect: Z = 0.1	= 0.00, df = 1 (P = 0.99), l ² =	0%				
02 at 12 months						
Piper1993	58/137	28/89		100.00	1.35 [0.94, 1.94]	0
Subtotal (95% CI)	137	89		100.00	1.35 [0.94, 1.94]	
Total events: 58 (Treatment)						
Test for heterogeneity: not a	•					
Test for overall effect: Z = 1.6	60 (P = 0.11)					
03 at 24 months						
Tyrer1979	16/48	12/58		100.00	1.61 [0.85, 3.07]	0
Subtotal (95% CI)	48	58		100.00	1.61 [0.85, 3.07]	
Total events: 16 (Treatment)	, 12 (Control)					
Test for heterogeneity: not a	oplicable					
Test for overall effect: Z = 1.4	5 (P = 0.15)					
		I				
		0.1	0.2 0.5 1 2	5 10		
		Fa	avours treatment Favours c	ontrol		

Review:Service: Day hospitalsComparison:02 Day hospital vs outpatient careOutcome:03 Satisfaction with care

Outcome:	03 Satisfaction with care

Study or sub-category	Treatment n/N	Control n/N	RR (random) 95% Cl	Weight %	RR (random) 95% Cl	Order
01 Not satisfied with care (e	excluding those who left stu	dy early)				
Dick1991	7/46	20/50	_	48.94	0.38 [0.18, 0.82]	0
Tyrer1979	18/48	10/58	_	- 51.06	2.18 [1.11, 4.26]	0
Subtotal (95% CI)	94	108		100.00	0.92 [0.17, 5.09]	
Total events: 25 (Treatment)	, 30 (Control)					
Test for heterogeneity: Chi ²	= 11.37, df = 1 (P = 0.0007)	, l² = 91.2%				
Test for overall effect: Z = 0.	10 (P = 0.92)					
02 Not satisfied with care (a	•					
Dick1991	9/46	22/48	_	47.94	0.43 [0.22, 0.83]	0
Tyrer1979	26/48	19/58	∎	52.06	1.65 [1.05, 2.60]	0
Subtotal (95% CI)	94	106		100.00	0.86 [0.22, 3.29]	
Total events: 35 (Treatment)), 41 (Control)					
Test for heterogeneity: Chi ²		, l ² = 91.1%				
Test for overall effect: Z = 0.2	22 (P = 0.82)					
	· · ·					
			0.1 0.2 0.5 1 2	5 10		
			Favours treatment Favours of	control		

Service: Day hospitals 02 Day hospital vs outpatient care 04 Hosptial admissions Review: Comparison: Outcome:

or sub-category	Treatme n/N	nt Cor n/		RR (random) 95% Cl	Weight %		RR (random) 95% Cl	Order
01 Admitted to hospital du								
Dick1991	0/46	2/50			36.78		[0.01, 4.40]	0
Tyrer1979	4/48	1/58			→ 63.22		[0.56, 41.81]	0
Subtotal (95% CI)	94	1	08		100.00	1.23	[0.06, 25.50]	
Total events: 4 (Treatment Test for heterogeneity: Chi Test for overall effect: Z = 0	i ² = 2.72, df = 1 (P =	0.10), l ² = 63.2%						
02 Admitted to hospital du	iring the study at 24	months						
Tyrer1979	6/48	4/58	}		100.00	1.81	[0.54, 6.05]	0
Subtotal (95% CI)	48	5	8		100.00	1.81	[0.54, 6.05]	
Total events: 6 (Treatment Test for heterogeneity: not Test for overall effect: Z = 0	applicable							
	ital vs outpatient care		Favours	treatment Favours control				
Comparison: 02 Day hos jo Dutcome: 05 Mental sta	ital vs outpatient care ate Treatm	ient an (SD) N	Favours Control Mean (SD)	treatment Favours control WMD (fixed 95% Cl) V	/eight %	WMD (fixed) 95% Cl	Orde
Comparison: 02 Day hos pi Dutcome: 05 Mental sta Study or sub-category	ital vs outpatient care ate Treatm N Mea the PSE at four month	an (SD) N	Control Mean (SD)	WMD (fixed		%	95% CI	
Comparison: 02 Day hos pi Dutcome: 05 Mental sta Study or sub-category 01 Change from baseline on t Tyrer1979	ital vsoutpatient care ate Treatm N Mea the PSE at four month 40 -13.03	an (SD) N s (11.45) 49	Control	WMD (fixed	10	% 00.00	95% Cl	
Comparison: 02 Day hos pi Dutcome: 05 Mental sta Study or sub-category 01 Change from baseline on t Tyrer1979 Subtotal (95% CI)	ital vs outpatient care ate Treatm N Mea the PSE at four month 40 -13.03 40	an (SD) N	Control Mean (SD)	WMD (fixed	10	%	95% CI	
Comparison: 02 Day hospi Dutcome: 05 Mental sta Study orsub-category 01 Change from baseline on t Tyrer1979 Subtotal (95% CI) Fest for heterogeneity: not app	ital vs outpatient care ate N Mea the PSE at four month 40 -13.03 40 plicable	an (SD) N s (11.45) 49	Control Mean (SD)	WMD (fixed	10	% 00.00	95% Cl	
Comparison: 02 Day hospi Dutcome: 05 Mental sta Study orsub-category 01 Change from baseline on t Tyrer1979 Subtotal (95% CI) Fest for heterogeneity: not ap Fest for overall effect: Z = 1.43	ital vs outpatient care ate Treatm N Mea the PSE at four month 40 -13.03 40 plicable 7 (P = 0.14)	s (11.45) 49 49	Control Mean (SD)	WMD (fixed	10	% 00.00	95% Cl	
Comparison: 02 Day hospip Dutcome: 05 Mental state Study 05 Mental state Study 01 Change from baseline on t Tyrer1979 Subtotal (95% CI) Fest for heterogeneity: not applest for heterogeneity: not applest for overall effect: Z = 1.4 02 Change from baseline on t Tyrer1979	ital vs outpatient care ate Treatm N Mea the PSE at four month: 40 -13.03 40 plicable 7 (P = 0.14) the PSE at eight month	s (11.45) 49 49	Control Mean (SD)	WMD (fixed	1(1(% 00.00	95% Cl	C
Comparison: 02 Day hos pi Outcome: 05 Mental sta Study or sub-category 01 Change from baseline on t Tyrer1979	ital vs outpatient care ate Treatm N Mea the PSE at four month 40 -13.03 40 plicable 7 (P = 0.14) the PSE at eight mont 40 -14.57 40 plicable	nn (SD) N s (11.45) 49 49	Control Mean (SD) -9.31 (12.42)	WMD (fixed	1(1(% 00.00 00.00	95% Cl -3.72 [-8.69, 1.25] -3.72 [-8.69, 1.25]	Order 0 0

Favours treatment Favours control

Review:Service: Day hospitalsComparison:02 Day hospital vs outpatient careOutcome:06 Social functioning

Study or sub-category	Ν	Treatment Mean (SD)	N	Control Mean (SD)	WMD (fixed) 95% Cl	Weight %	WMD (fixed) 95% Cl	Order
01 Change from baseline of	on the SFS at f	our months						
Tyrer1979	40	-10.62(12.12)	49	-7.38(10.87)	_	100.00	-3.24 [-8.07, 1.59]	0
Subtotal (95% CI)	40		49			100.00	-3.24 [-8.07, 1.59]	
Test for heterogeneity: not	applicable							
Test for overall effect: Z =								
02 Change from baseline of	on the SFS at e	ight months						
Tyrer1979	40	-13.42(14.94)	49	-9.04(11.03)	_	100.00	-4.38 [-9.95, 1.19]	0
Subtotal (95% CI)	40		49			100.00	-4.38 [-9.95, 1.19]	
Test for heterogeneity: not Test for overall effect: Z =								
					-10 -5 0 5	10		
					Fovours treatment Fovours of	ntral		

Non-statutory support

Review:	Service: Non-statutory support
Comparison:	01 Befriending versus wait list control

Outcom e: 01 Non-remitters

Study or sub-category	Treatment n/N	Control n/N	RR (fixed) 95% Cl	Weight %	RR (fixed) 95% Cl	Order
HARRIS1999	15/43	26/43		100.00	0.58 [0.36, 0.93]	0
Total (95% CI) Total events: 15 (Treatmer Test for heterogeneity: not Test for overall effect: Z = 2	applicable	43		100.00	0.58 [0.36, 0.93]	
			0.1 0.2 0.5 1 2	5 10		
			Favours treatment Favours co	ntrol		

16

Collaborative care

Collaborative care (C-care) 01: Efficacy - pre-sensitivity analysis C-care 01.01 Non-response at endpoint - ordered by year of publication

Review: Depression Update Service: Collaborative Care

Comparison: 01 Overall Efficacy v usual care - post ICC adjustment

Outcome: 01 Number not achieving =>50% reduction in outcome score at endpoint

Study or sub-category	Treatment n/N	Control n/N	RR (random) 95% Cl	Weight %	RR (random) 95% CI	Order
01 Self rated						
Katon1996 MAJOR	9/31	20/34	_	3.92	0.49 [0.27, 0.92]	1
Katon1996 MINOR	15/46	20/42		5.26	0.68 [0.41, 1.15]	1
Simon2000 *C	86/196	118/196		20.09	0.73 [0.60, 0.89]	2
DIETRICH2004 *clr	118/224	113/181	-	22.77	0.84 [0.71, 1.00]	3
SIMON2004 CMBN	211/405	119/195	-	25.12	0.85 [0.74, 0.99]	3
RICKLES2005 *C	10/31	11/32		3.13	0.94 [0.47, 1.89]	4
SIMON2006	66/103	69/104	-	19.70	0.97 [0.79, 1.18]	5
Subtotal (95% CI)	1036	784	•	100.00	0.83 [0.75, 0.92]	
02 Clinician rated						
Araya2003	65/120	101/120	-	31.78	0.64 [0.54, 0.77]	0
Hunkeler2000 CMBN	92/179	83/123		30.90	0.76 [0.63, 0.92]	0
PERAHIA2008	198/477	213/485		37.32	0.95 [0.82, 1.09]	0
Subtotal (95% CI)	776	728		100.00	0.78 [0.61, 0.98]	-
Total events: 355 (Treatment) Test for heterogeneity: Chi ² = Test for overall effect: Z = 2.10	, 397 (Control) 11.23, df = 2 (P = 0.004), l² =		•		- .	
	. ,	0.	1 0.2 0.5 1 2	5 10		
		-	avours treatment Favours co			

C-care 01.02 Non-response at follow-up: 3 months

Review: Comparison: Outcome:	Depression Update Service: Collaborati 01 Overall Efficacy v usual care - post IC 02 Number not achieving =>50% reduct	CC adjustment	-up: 3 months		
Study or sub-category	Treatment n/N	Control n/N	RR (fixed) 95% Cl	Weight %	RR (fixed) 95% Cl
01 Patient Rand	lomised (clinician rated)				
Araya2003	39/120	86/120		100.00	0.45 [0.34, 0.60]
Subtotal (95% C	120	120		100.00	0.45 [0.34, 0.60]
	(Treatment), 86 (Control) eneity: not applicable				

Test for overall effect: Z = 5.51 (P < 0.00001)

1 Favours treatment Favours control

2

10

5

0.5

0.1 0.2

Order

0

C-care 01.03 Non-remission at endpoint

Study or sub-category	Treatment n/N	Control n/N	RR (random) 95% Cl	Weight %	RR (random) 95% Cl	Order
02 Self rated						
DIETRICH2004 *clr	158/224	142/181	-	36.12	0.90 [0.80, 1.01]	
ROST2001b *clr	64/115	66/96		23.17	0.81 [0.66, 1.00]	
Wells1999 CMBN	423/582	217/282	-	40.72	0.94 [0.87, 1.02]	
Subtotal (95% CI)	921	559	•	100.00	0.92 [0.86, 0.98]	
Fotal events: 645 (Treatment), Fest for heterogeneity: Chi ² = 1 Fest for overall effect: Z = 2.67	1.99, df = 2 (P = 0.37), l ² =	0%				
03 Clinician rated						
Araya2003	70/120	104/120	_	43.85	0.67 [0.57, 0.80]	
PERAHIA2008	269/477	279/485	5	5.15	0.98 [0.88, 1.09]	
Subtotal (95% CI)	597	605	100	0.00	0.82 [0.56, 1.18]	
Fotal events: 339 (Treatment), Fest for heterogeneity: Chi ² = 1 Fest for overall effect: Z = 1.07	13.90, df = 1 (P = 0.0002),	l ² = 92.8%				
04 DSM criteria						
CHEWGRAHAM2007	17/53	26/52		17.11	0.64 [0.40, 1.03]	
Katon1996 MAJOR	13/31	18/34		14.69	0.79 [0.47, 1.33]	
Katon1996 MINOR	12/46	14/42		10.02	0.78 [0.41, 1.50]	
LUDMAN2007 CMBN	29/78	11/26		14.13	0.88 [0.52, 1.50]	
Mann1998b	84/271	40/148		31.89	1.15 [0.83, 1.58]	
Simon2000 *C	16/196	28/196		12.15	0.57 [0.32, 1.02]	
Subtotal (95% CI)	675	498	•	100.00	0.83 [0.66, 1.04]	
Fotal events: 171 (Treatment),						
Test for heterogeneity: Chi ² = 6		25.0%				
Fest for overall effect: Z = 1.60	(D 0 1 1)					

C-care 01.04 Non-remission at follow-up: 3 months

Review:	Depression Update Service: Collaborative Care
Comparison:	01 Overall Efficacy y usual care - post ICC adjustment

01 Overall Efficacy v usual care - post ICC adjustment 04 Number not achieving remission at follow-up: 3 months Outcome:

Study or sub-category	Treatment n/N	Control n/N	RR (fixed) 95% Cl	Weight %	RR (fixed) 95% Cl	Order
01 Patient Randomised (clinic	ian rated)					
Araya2003	47/120	88/120		100.00	0.53 [0.42, 0.68]	0
Subtotal (95% CI)	120	120	▲	100.00	0.53 [0.42, 0.68]	
Total events: 47 (Treatment), 8	88 (Control)		•			
Test for heterogeneity: not app	blicable					
Test for overall effect: Z = 4.96	6 (P < 0.00001)					
	· · ·		0.1 0.2 0.5 1 2	5 10		
			Favours treatment Favours co	ntrol		

C- care 01.05 Non-remission at follow-up: 12 months

Review:	Depression Update Service: Collaborative Care
---------	---

Comparison:

01 Overall Efficacy v usual care - post ICC adjustment 05 Number not achieving remission at follow-up: 12 months Outcome:

Study or sub-category	Treatment n/N	Control n/N	RR (fixed) 95% Cl	Weight %	RR (fixed) 95% Cl	Order
01 Self rated						
Wells1999 CMBN	287/581	133/282	_	100.00	1.05 [0.90, 1.21]	0
Subtotal (95% CI)	581	282	◆	100.00	1.05 [0.90, 1.21]	
Total events: 287 (Treatme Test for heterogeneity: not Test for overall effect: Z = 0	applicable					
			0.1 0.2 0.5 1 2	5 10		
			Favours treatment Favours co	ontrol		

C-care 01.06 Relapse at endpoint

Depression Update Service: Collaborative Care 01 Overall Efficacy v usual care - post ICC adjustment 06 Relapse Prevention Review: Comparison: Outcom e:

Study or sub-category	Treatment n/N	Control n/N	RR (fixed) 95% Cl	Weight %	RR (fixed) 95% CI	Order
01 12 months						
Katon2001 Rlps Prvtn	22/194	23/192		100.00	0.95 [0.55, 1.64]	0
Subtotal (95% CI)	194	192		100.00	0.95 [0.55, 1.64]	
Total events: 22 (Treatment), 2	23 (Control)		T			
Test for heterogeneity: not app	plicable					
Test for overall effect: Z = 0.20	(P = 0.84)					
			0.1 0.2 0.5 1 2	5 10		
			Favours treatment Eavours of	ontrol		

Favours treatment Favours control

C-care 01.07 Mean endpoint (clinician-rated and self-rated)

Study orsub-category	Ν	Treatment Mean (SD)	Ν	Control Mean (SD)	SMD (random) 95% Cl	Weight %	SMD (random) 95% Cl	Orde
01 Clinician rated								
Araya2003	102	11.30(10.31)	109	20.67 (3.52)	-	60.03	-1.23 [-1.52, -0.93]	(
MCMAHON2007	22	10.90(7.80)	23	11.30(7.40)	+	39.97	-0.05 [-0.64, 0.53]	(
Subtotal (95% CI)	124		132		•	100.00	-0.67 [-1.82, 0.48]	
Test for heterogeneity: Chi ² = Test for overall effect: Z = 1.7			%					
02 Self rated								
ADLER2004	202	17.70(11.82)	182	19.40(11.82)	4	10.47	-0.14 [-0.34, 0.06]	(
CHEWGRAHAM2007	44	10.30(13.00)	42	14.50(14.50)	-	8.02	-0.30 [-0.73, 0.12]	(
DIETRICH2004 *clr	224	0.97(0.80)	181	1.09(0.74)	4	10.51	-0.15 [-0.35, 0.04]	(
DOBSCHA2006*clr	189	1.63(0.57)	186	1.62(0.66)	÷	10.45	0.02 [-0.19, 0.22]	(
Katon1996 MAJOR	31	1.02(0.80)	34	1.82(0.62)	+	6.93	-1.11 [-1.64, -0.59]	(
Katon1996 MINOR	46	1.30(0.54)	42	1.45(0.84)	-	8.09	-0.21 [-0.63, 0.21]	(
Katon1999	114	1.21(1.34)	114	1.51(1.39)	-	9.88	-0.22 [-0.48, 0.04]	(
MCMAHON2007	22	15.10(10.90)	23	18.30(14.00)	-	6.31	-0.25 [-0.84, 0.34]	(
PILLING2010	36	16.41(13.62)	36	23.15(12.16)	-	7.52	-0.52 [-0.99, -0.05]	(
RICHARDS2008	35	8.80(7.02)	34	10.27(7.51)	+	7.49	-0.20 [-0.67, 0.27]	(
RICKLES2005*C	28	10.64(9.99)	32	10.56(9.06)	+	7.12	0.01 [-0.50, 0.52]	(
SMIT2006 *C	27	6.36(4.68)	37	9.00(7.94)	-	7.19	-0.39 [-0.89, 0.12]	(
Subtotal (95% CI)	998		943			100.00	-0.23 [-0.36, -0.10]	
Test for heterogeneity: Chi ² =	= 19.51, df =	11 (P = 0.05), I ² = 43.6%	D					
Test for overall effect: $Z = 3.3$								

C-care 01.08 Mean endpoint (self-rated) at follow-up: 3-4 months

 Review:
 Depression Update Service: Collaborative Care

 Comparison:
 01 Overall Efficacy v usual care - post ICC adjustment

Outcome: 08 Mean endpoint scores at follow-up: 3-4 months

Study or sub-category	N	Treatment Mean (SD)	N	Control Mean (SD)	SMD (random) 95% Cl	Weight %	SMD (random) 95% Cl	Order
01 self rated								
Katon1996 MAJOR	31	1.02(0.65)	34	1.29(0.68)	-	33.04	-0.40 [-0.89, 0.09]	0
Katon1996 MINOR	46	1.05(1.09)	42	1.38(1.04)	-	34.19	-0.31 [-0.73, 0.11]	0
PILLING2010	32	16.94(12.90)	29	21.97(11.34)	-	32.77	-0.41 [-0.92, 0.10]	0
Subtotal (95% CI)	109		105			100.00	-0.36 [-0.63, -0.09]	
Test for overall effect: Z = 2 02 Clinician rated	2.63 (P = 0.008)						
Araya2003	104	7.67(6.92)	107	16.67(4.54)	-	100.00	-1.54 [-1.84, -1.23]	0
Subtotal (95% CI)	104	,	107		<u>▲</u>	100.00	-1.54 [-1.84, -1.23]	
Test for heterogeneity: not	applicable				•		,,	
Test for overall effect: Z = 9		01)						
					-10 -5 0 5	10		
					Favours treatment Favours co	ntrol		

C-care 01.09 Mean change at endpoint (clinician-rated)

Review:	Depression Update Service: Collaborative Care

Comparison: 01 Overall Efficacy v usual care - post ICC adjustment

Outcome: 09 Mean change at endpoint

Study or sub-category	Ν	Treatment Mean (SD)	N	Control Mean (SD)			/ID (fixed) 95% CI		Weight %	SMD (fixed) 95% Cl	Order
01 Clinician rated PERAHIA2008 Subtotal (95% Cl) Test for heterogeneity: not appli Test for overall effect: Z = 0.30 (-12.59(8.74)	481 481	-12.42(8.77)			1		100.00	-0.02 [-0.15, 0.11] -0.02 [-0.15, 0.11]	0
					-10	-5	0	5	10		

Collaborative care (C-care) 02: Acceptability and tolerability - pre-sensitivity analysis

C-care 02.01 Dropout at endpoint

Review:	Depression Update Service: Collaborative Care
Comparison:	02 Overall acceptability and tolerability v usual care - post ICC adjustment
Outcome:	01 Attrition

Study or sub-category	Treatment n/N	Control n/N	RR (random) 95% CI	Weight %	RR (random) 95% Cl	Order
01 Leaving study early for any						
ADLER2004	66/268	83/265		11.37	0.79 [0.60, 1.04]	0
Blanchard1995	4/47	10/49		2.84	0.42 [0.14, 1.24]	0
CHEWGRAHAM2007	8/53	9/52		3.99	0.87 [0.36, 2.09]	0
DATTO2003*clr	6/30	5/31		2.90	1.24 [0.42, 3.63]	0
DIETRICH2004 *clr	45/224	35/181	_ -	9.32	1.04 [0.70, 1.54]	0
FINLEY2003	16/75	25/50		7.51	0.43 [0.25, 0.71]	0
MCMAHON2007	12/30	16/32		6.93	0.80 [0.46, 1.40]	0
Mann1998b	20/271	14/148		5.84	0.78 [0.41, 1.50]	0
PERAHIA2008	111/477	119/485	-	12.18	0.95 [0.76, 1.19]	0
PILLING2010	11/43	8/44		4.44	1.41 [0.63, 3.16]	0
RICHARDS2008	6/41	4/38		2.47	1.39 [0.42, 4.55]	0
ROST2001b *clr	46/115	23/96	_ 	8.92	1.67 [1.10, 2.54]	0
SIMON2004 CMBN	18/405	4/195		2.92	2.17 [0.74, 6.32]	0
SWINDLE2003 *clr	15/37	18/37		7.56	0.83 [0.50, 1.39]	0
Simon2000 *C	8/196	16/196		4.31	0.50 [0.22, 1.14]	0
Wells 1999 CMBN	49/582	13/282		6.49	1.83 [1.01, 3.31]	0
Subtotal (95% CI)	2894	2181	•	100.00	0.94 [0.77, 1.15]	
Total events: 441 (Treatment)), 402 (Control)					
Test for heterogeneity: Chi ² = Test for overall effect: Z = 0.58), l ² = 53.4%				
			0.1 0.2 0.5 1 2	5 10		



C-care 02.02 Non-adherence to medication at endpoint

Study or sub-category	Treatment n/N	Control n/N	RR (random) 95% CI	Weight %	RR (random) 95% CI	Order
02 Non-adherence to medic	ation					
FINLEY2003	25/75	26/50		20.83	0.64 [0.42, 0.97]	0
Katon1995	24/108	61/109		22.25	0.40 [0.27, 0.59]	0
Katon1999	31/114	56/114		24.37	0.55 [0.39, 0.79]	0
Katon2001 Rlps Prvtn	71/194	97/192		32.55	0.72 [0.57, 0.91]	0
Subtotal (95% CI)	491	465	◆	100.00	0.58 [0.44, 0.75]	
Total events: 151 (Treatmer	t), 240 (Control)					
Test for heterogeneity: Chi ²	= 7.18, df = 3 (P = 0.07), l ² = 5	8.2%				
Test for overall effect: Z = 4						

Collaborative care (C-care) 03: Efficacy - sensitivity analysis

03.01 Non-response at endpoint - ordered by year of publication

Review:	Depression Update Service: Collaborative Care
Comparison:	03 Overall efficacy - sensitivity analysis
Outcome:	01 Number not achieving =>50% reduction in outcome score at endpoint

Study or sub-category	Treatment n/N	Control n/N	RR (random) 95% Cl	Weight %	RR (random) 95% Cl	Order
01 Self rated						
Katon1996 MAJOR	9/31	20/34		2.70	0.49 [0.27, 0.92]	1
Katon1996 MINOR	15/46	20/42		3.72	0.68 [0.41, 1.15]	1
Simon2000 *C	86/196	118/196		19.74	0.73 [0.60, 0.89]	2
DIETRICH2004 *clr	118/224	113/181	-=-	24.09	0.84 [0.71, 1.00]	3
SIMON2004 CMBN	211/405	119/195	-	28.46	0.85 [0.74, 0.99]	3
RICKLES2005 *C	10/31	11/32	_	2.13	0.94 [0.47, 1.89]	4
SIMON2006	66/103	69/104	-	19.17	0.97 [0.79, 1.18]	5
Subtotal (95% CI)	1036	784	•	100.00	0.83 [0.75, 0.92]	
Test for overall effect: Z = 3.6	3 (P = 0.0003)					
02 Clinician rated						
Hunkeler2000 CMBN	92/179	83/123		42.27	0.76 [0.63, 0.92]	1
PERAHIA2008	198/477	213/485	+	57.73	0.95 [0.82, 1.09]	2
Subtotal (95% CI)	656	608	•	100.00	0.86 [0.69, 1.06]	
Total events: 290 (Treatment)), 296 (Control)					
Test for heterogeneity: Chi ² =	3.24, df = 1 (P = 0.07), l ² =	69.2%				
Test for overall effect: Z = 1.4	3 (P = 0.15)					
		0.1	0.2 0.5 1 2	5 10		
			avours treatment Favours co			

C-care 03.02 Non-remission at endpoint

Review:	Depression Update Service: Collaborative Care
Comparison:	03 Overall efficacy - sensitivity analysis
Outcome:	02 Number not achieving remission at endpoint

3/224 1/115 3/582 921 rol) (P = 0.37), I ² = 5) 3/477 rol)	142/181 66/96 217/282 559 0% 279/485 485		30.13 13.80 56.07 100.00	0.90 [0.80, 1.01] 0.81 [0.66, 1.00] 0.94 [0.87, 1.02] 0.91 [0.86, 0.97] 0.98 [0.88, 1.09]	0 0 0 0
1/115 8/582 921 rol) (P = 0.37), I ² = 5) 0/477 477	66/96 217/282 559 0% 279/485		13.80 56.07 100.00	0.81 [0.66, 1.00] 0.94 [0.87, 1.02] 0.91 [0.86, 0.97]	0
921 rol) ((P = 0.37), I ² = 5) 9/477 477	217/282 559 0% 279/485		56.07 100.00	0.81 [0.66, 1.00] 0.94 [0.87, 1.02] 0.91 [0.86, 0.97]	0
921 rol) (P = 0.37), I ² = 5)	559 0% 279/485		100.00	0.91 [0.86, 0.97]	-
rol) 2 (P = 0.37), l ² = 5) 0/477 477	0% 279/485		100.00	0.98 [0.88, 1.09]	0
2 (P = 0.37), l ² = 5) 0/477 477	279/485				0
477	.,				0
477	.,				0
	485	· · · · · · · · · · · · · · · · · · ·			
			100.00	0.98 [0.88, 1.09]	
)					
//53	26/52		17.01	0.64 [0.40, 1.03]	0
8/31	18/34		11.13	0.79 [0.47, 1.33]	0
2/46	14/42		9.49	0.78 [0.41, 1.50]	0
, .	11/26		10.69	0.88 [0.52, 1.50]	0
1/271	., .	- +=	33.53	1.15 [0.83, 1.58]	0
5/196	28/196		18.15	0.57 [0.32, 1.02]	0
675	498	•	100.00	0.85 [0.70, 1.04]	
(P = 0.25), I ² =	25.0%				
	rol)	$ \frac{7}{53} \qquad \frac{26}{52} \\ \frac{3}{31} \qquad \frac{18}{34} \\ \frac{2}{46} \qquad \frac{14}{42} \\ \frac{4}{78} \qquad \frac{11}{26} \\ \frac{4}{271} \qquad \frac{40}{148} \\ \frac{5}{196} \qquad \frac{28}{196} \\ \frac{675} \qquad \frac{498}{498} \\ \frac{70}{19} \\ \frac{19}{10} \\ \frac{19}{$	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	$ \begin{array}{cccccccccccccccccccccccccccccccccccc$

C-care 03.03 Non-remission at follow-up: 12 months

Review:Depression Update Service: Collaborative CareComparison:03 Overall efficacy - sensitivity analysis

Outcome: 03 Number not achieving remission at follow-up: 12 months

Study or sub-category	Treatment n/N	Control n/N			fixed) % CI		Weight %	RR (fixed) 95% Cl	Order
01 Self rated									
Wells1999 CMBN	287/581	133/282			É		100.00	1.05 [0.90, 1.21]	0
Subtotal (95% CI)	581	282					100.00	1.05 [0.90, 1.21]	
Total events: 287 (Treatment	t), 133 (Control)				-				
Test for heterogeneity: not ap	oplicable								
Test for overall effect: Z = 0.6	61 (P = 0.54)								
			0.1 0.2	0.5	1 2	5	10		
			Favours tre	eatment	Favours	s control			

C-care 03.04 Relapse at endpoint

- Review: Depression Update Service: Collaborative Care
- Comparison: 03 Overall efficacy sensitivity analysis

Outcom e: 04 Relapse Prevention

Study or sub-category	Treatment n/N	Control n/N	RR (fixed) 95% CI	Weight %	RR (fixed) 95% CI	Order
01 12 months			1			
Katon2001 Rlps Prvtn	22/194	23/192		100.00	0.95 [0.55, 1.64]	0
Subtotal (95% CI)	194	192		100.00	0.95 [0.55, 1.64]	
Total events: 22 (Treatment), 2	23 (Control)		T			
Test for heterogeneity: not app	plicable					
Test for overall effect: Z = 0.20	(P = 0.84)					
		0.	1 0.2 0.5 1 2	5 10		
			Eavours treatment Eavours co	ntrol		

C-care 03.05 Mean endpoint (clinician-rated and self-rated)

Review:	Depression Update Service: Collaborative Care
Comparison:	03 Overall efficacy - sensitivity analysis
Outcome:	05 Mean endpoint

Study or sub-category	N	Treatment Mean (SD)	N	Control Mean (SD)	SMD (fixed) 95% Cl	Weight %	SMD (fixed) 95% Cl	Order
01 Clinician rated								
MCMAHON2007	22	10.90(7.80)	23	11.30(7.40)	<u> </u>	100.00	-0.05 [-0.64, 0.53]	0
Subtotal (95% CI)	22		23			100.00	-0.05 [-0.64, 0.53]	
Test for heterogeneity: not a	pplicable				Ĩ			
Test for overall effect: Z = 0.								
02 Self rated								
SMIT2006 *C	27	6.36(4.68)	37	9.00(7.94)	-	3.30	-0.39 [-0.89, 0.12]	0
Katon1996 MINOR	46	1.30(0.54)	42	1.45(0.84)	+	4.70	-0.21 [-0.63, 0.21]	1
Katon1999	114	1.21(1.34)	114	1.51(1.39)	-	12.19	-0.22 [-0.48, 0.04]	2
ADLER2004	202	17.70(11.82)	182	19.40(11.82)	4	20.55	-0.14 [-0.34, 0.06]	3
DIETRICH2004 *clr	224	0.97(0.80)	181	1.09(0.74)	4	21.48	-0.15 [-0.35, 0.04]	3
RICKLES2005 *C	28	10.64(9.99)	32	10.56(9.06)	+	3.21	0.01 [-0.50, 0.52]	4
DOBSCHA2006 *clr	189	1.63(0.57)	186	1.62(0.66)	Ļ	20.17	0.02 [-0.19, 0.22]	5
CHEWGRAHAM2007	44	10.30(13.00)	42	14.50(14.50)	4	4.57	-0.30 [-0.73, 0.12]	6
MCMAHON2007	22	15.10(10.90)	23	18.30(14.00)	-	2.40	-0.25 [-0.84, 0.34]	6
RICHARDS2008	35	8.80(7.02)	34	10.27(7.51)	-	3.69	-0.20 [-0.67, 0.27]	7
PILLING2010	36	16.41(13.62)	36	23.15(12.16)	+	3.74	-0.52 [-0.99, -0.05]	8
Subtotal (95% CI)	967	,	909	,		100.00	-0.16 [-0.25, -0.06]	
Test for heterogeneity: Chi ² = Test for overall effect: Z = 3.3]			
					-10 -5 0 5	10		

C-care 03.06 Mean endpoint (self-rated) at follow-up: 3-4 months

		(self-rated) at follow-up:						
Study or sub-category	N	Treatment Mean (SD)	N	Control Mean (SD)	SMD (fixed) 95% Cl	Weight %	SMD (fixed) 95% Cl	Order
01 self rated								
Katon1996 MAJOR	31	1.02(0.65)	34	1.29(0.68)	-	30.27	-0.40 [-0.89, 0.09]	0
Katon1996 MINOR	46	1.05(1.09)	42	1.38(1.04)	-	41.35	-0.31 [-0.73, 0.11]	0
PILLING2010	32	16.94(12.90)	29	21.97(11.34)	-	28.38	-0.41 [-0.92, 0.10]	0
Subtotal (95% CI)	109		105			100.00	-0.36 [-0.63, -0.09]	
Test for heterogeneity: Chi ² =	= 0.12, df = 2	(P = 0.94), I ² = 0%						
Test for overall effect: Z = 2.	63 (P = 0.008)							

C-care 03.07 Mean change at endpoint

Review: Depression Update Service: Collaborative Care 03 Overall efficacy - sensitivity analysis Comparison: Outcome: 07 Mean change at endpoint SMD (fixed) Weight SMD (fixed) Study Treatment Control or sub-category Ν Mean (SD) Ν Mean (SD) 95% CI % 95% CI Order 01 Clinician rated PERAHIA2008 477 -481 -12.42(8.77) 100.00 -0.02 [-0.15, 0.11] 0 12.59(8.74) Subtotal (95% CI) 481 100.00 -0.02 [-0.15, 0.11] Test for heterogeneity: not applicable Test for overall effect: Z = 0.30 (P = 0.76) -10 -5 0 5 10 Favourstreatment Favourscontrol

Collaborative care (C-care) 04: Acceptability and tolerability - sensitivity analysis

C-care 04.01 Dropout at endpoint

Review:	Depression Update Service: Collaborative Care
Comparison:	04 Overall acceptability and tolerability v usual care - sensitivity analysis
Outcome:	01 Attrition

Study or sub-category	Treatment n/N	Control n/N	RR (random) 95% CI	Weight %	RR (random) 95% Cl	Order
01 Leaving study early for any	reason (incl lost to follow-u	p)				
ADLER2004	66/268	83/265		11.37	0.79 [0.60, 1.04]	0
Blanchard1995	4/47	10/49		2.84	0.42 [0.14, 1.24]	0
CHEWGRAHAM2007	8/53	9/52		3.99	0.87 [0.36, 2.09]	0
DATTO2003 *clr	6/30	5/31		2.90	1.24 [0.42, 3.63]	0
DIETRICH2004 *clr	45/224	35/181		9.32	1.04 [0.70, 1.54]	0
FINLEY2003	16/75	25/50	_	7.51	0.43 [0.25, 0.71]	0
MCMAHON2007	12/30	16/32		6.93	0.80 [0.46, 1.40]	0
Mann1998b	20/271	14/148		5.84	0.78 [0.41, 1.50]	0
PERAHIA2008	111/477	119/485		12.18	0.95 [0.76, 1.19]	0
PILLING2010	11/43	8/44		4.44	1.41 [0.63, 3.16]	0
RICHARDS2008	6/41	4/38		2.47	1.39 [0.42, 4.55]	0
ROST2001b *clr	46/115	23/96	_	8.92	1.67 [1.10, 2.54]	0
SIMON2004 CMBN	18/405	4/195		2.92	2.17 [0.74, 6.32]	0
SWINDLE2003 *clr	15/37	18/37		7.56	0.83 [0.50, 1.39]	0
Simon2000 *C	8/196	16/196	_	4.31	0.50 [0.22, 1.14]	0
Wells1999 CMBN	49/582	13/282		6.49	1.83 [1.01, 3.31]	0
Subtotal (95% CI)	2894	2181	•	100.00	0.94 [0.77, 1.15]	
Total events: 441 (Treatment), Test for heterogeneity: Chi ² = 3 Test for overall effect: Z = 0.58	82.16, df = 15 (P = 0.006), l	² = 53.4%				

Favours treatment Favours control

C-care 04.02 Non-adherence to medication at endpoint

Review:	Depression Update Service: Collaborative Care
Comparison:	04 Overall acceptability and tolerability v usual care - sensitivity analysis
Outcome:	02 Adherence

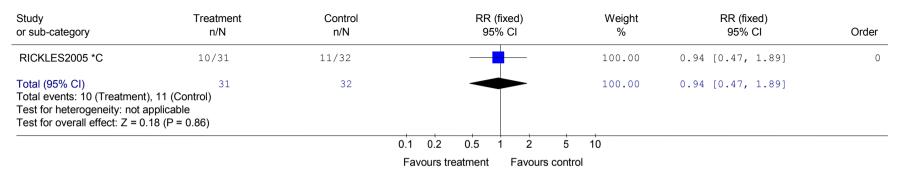
Study or sub-category	Treatment n/N	Control n/N	RR (random) 95% CI	Weight %	RR (random) 95% CI	Order
02 Non-adherence to medication	on					
FINLEY2003	25/75	26/50		20.83	0.64 [0.42, 0.97]	0
Katon1995	24/108	61/109	_ _	22.25	0.40 [0.27, 0.59]	0
Katon1999	31/114	56/114	_ _	24.37	0.55 [0.39, 0.79]	0
Katon2001 Rlps Prvtn	71/194	97/192		32.55	0.72 [0.57, 0.91]	0
Subtotal (95% CI)	491	465	◆	100.00	0.58 [0.44, 0.75]	
Total events: 151 (Treatment),	240 (Control)		-			
Test for heterogeneity: Chi ² = 7	7.18, df = 3 (P = 0.07), l ² = 5	8.2%				
Test for overall effect: Z = 4.08	(P < 0.0001)					
		0.	1 0.2 0.5 1 2	5 10		

Medication management

Medication management (Med-man) 01: Efficacy

Med-man 01.01 Non-response at endpoint

Review:Depression Update Service: Medication ManagementComparison:01 Overall Efficacy (v usual care)Outcome:01 Number not achieving =/>50% reduction in outcome score



Med-man 01.02 Mean endpoint (self-rated)

Comparison: 01 Ov	ssion Update Servi erall Efficacy (v us an endpoint (self r	· · · · · · · · · · · · · · · · · · ·	ment							
Study or sub-category	N	Treatment Mean (SD)	N	Control Mean (SD)		\$	SMD (fixed) 95% Cl	Weigh %	t SMD (fixed) 95% Cl	Order
ADLER2004 PEVELER1999	202 105	17.70(11.82) 4.60(4.50)	182 55	19.40(11.82) 5.50(3.60)	-		-	65.2		0
RICKLES2005 *C	28	10.64(9.99)	32	10.56(9.06)			Ŧ	10.2		0
Total (95% CI) Test for heterogeneity: Test for overall effect: 2			269					100.0	-0.14 [-0.31, 0.02]	
					-10	-5	0	5 10		
					Favo	urstreatm	ent Favou	urscontrol		

Med-man 01.03 Non-adherence to medication at endpoint

Review: Depression Update Service: Medication Management

Comparison: 01 Overall Efficacy (v usual care)

Outcom e: 03 Non-adherence to medication

Study or sub-category	Treatment n/N	Control n/N	RR (random) 95% Cl	Weight %	RR (random) 95% Cl	Order
01 Cluster random ised						
CROCKETT2006 Clr	7/51	11/68		100.00	0.85 [0.35, 2.04]	0
Subtotal (95% CI)	51	68	·	100.00	0.85 [0.35, 2.04]	
Total events: 7 (Treatment),	11 (Control)		-			
Fest for heterogeneity: not a	pplicable					
Test for overall effect: Z = 0.3	7 (P = 0.71)					
02 Patient randomised						
PEVELER1999	39/105	35/55		63.42	0.58 [0.42, 0.80]	0
WILKINSON1993	15/30	17/31	_	36.59	0.91 [0.56, 1.47]	0
Subtotal (95% CI)	135	86		100.00	0.70 [0.46, 1.08]	
Total events: 54 (Treatment)	, 52 (Control)		-			
Test for heterogeneity: Chi ² =		56.6%				
Test for overall effect: Z = 1.6	0 (P = 0.11)					
	()					

Favours treatment Favours control

Medication management (Med-man) 02: Acceptability and tolerability Med-man 02.01 Dropout at endpoint

Review: Depression Update Service: Medication Management

Comparison:02 Tolerability and acceptability (v usual care)Outcome:01 Leaving study early for any reason (incl lost to follow-up)

Study or sub-category	Treatment n/N	Control n/N		RR (fixed) 95% Cl	Weight %	RR (fixed) 95% Cl	Order
ADLER2004 WILKINSON1993	66/268	83/265		-	89.46	0.79 [0.60, 1.04]	0
WILKINSON 1995	10/30	10/31			10.54	1.03 [0.50, 2.12]	U
Total (95% CI)	298	296			100.00	0.81 [0.63, 1.05]	
Total events: 76 (Treatment	:), 93 (Control)						
Test for heterogeneity: Chi^2 Test for overall effect: Z = 1.		0%					
			0.1 0.2	0.5 1 2	5 10		
			Favours tr	reatment Favour	s control		

Attached professional

Attached professional 01: Efficacy Mean endpoint (self-rated and clinician-rated)

Review: Dep Up Service Attached Professional v Usual Care/WLc (mean endpoint only)

Comparison: 01 Attached Professional (all) v Control (WLc/GPcare)

. Outcome: 01 Depression scores: continuous measures at endpoint

Study or sub-category	N	Treatment Mean (SD)	N	Control Mean (SD)	SMD (random) 95% Cl	Weight %	SMD (random) 95% Cl	Order
03 BDI								
Scott1997 CBT v GPc	18	17.70(10.00)	16	22.70(11.20)		11.85	-0.46 [-1.14, 0.22]	0
Simpson03 CNSLNGvGPc	60	15.30(10.30)	55	15.00(8.10)	+	41.34	0.03 [-0.33, 0.40]	0
Ward00 CNSLING v GPc	67	12.90(9.30)	67	18.30(12.40)	-	46.82	-0.49 [-0.83, -0.15]	0
Subtotal (95% CI)	145		138		4	100.00	-0.28 [-0.66, 0.10]	
04 HAMD								
Schulberg96 IPTv GPc	93	12.17(8.68)	92	15.26(8.68)		66.84	-0.35 [-0.65, -0.06]	0
Scott1992 CBT v GPc	29	6.70(6.10)	29	8.40(7.50)	I 4	21.12	-0.25 [-0.76, 0.27]	0
Scott1997 CBT v GPc	18	13.50(5.30)	16	16.50(6.80)	⊢ -	12.04	-0.48 [-1.17, 0.20]	0
Subtotal (95% CI)	140		137			100.00	-0.35 [-0.58, -0.11]	
Test for heterogeneity: $Chi^2 = Test$ for overall effect: $Z = 2.86$		· · · ·						
					-10 -5 0 5	10		