Appendix 19a: Clinical evidence forest plots for service delivery

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Crisis resolution and home treatment teams (CRHTTs)

Review: Service: Crisis resolution and home treatment teams (CRHTTs)

Comparison: 01 CRHTTs versus standard care

Outcome: 01 Death (any cause)

Study or sub-category	Treatment n/N	Control n/N		RR (fixed) 95% CI	Weight %	RR (fixed) 95% CI	Order
Stein 1975	1/65	1/65	+	•	100.00	1.00 [0.06, 15.65]	0
Total (95% CI) Total events: 1 (Treatment), 1 (C Test for heterogeneity: not applic Test for overall effect: Z = 0.00 (F	able	65	0.1 0.2	0.5 1 2	100.00	1.00 [0.06, 15.65]	

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 or sub-category	Treatment n/N			Weight %	RR (fixed) 95% CI	Order
Stein 1975	1/65	1/65	+	100.00	1.00 [0.06, 15.65]	0
Total (95% CI) Total events: 1 (Treatment Test for heterogeneity: not Test for overall effect: Z = 0	applicable	65		100.00	1.00 [0.06, 15.65]	
			0.1 0.2 0.5 1 2 Favours treatment Favours co	5 10		

Comparison: 01 CRHTTs versus standard care

Outcome: 03 Attempted suicide

Study or sub-category	Treatment n/N	Control n/N	RR (fixed) 95% CI	Weight %	RR (fixed) 95% CI	Order
Stein 1975	26/65	24/65	-	100.00	1.08 [0.70, 1.67]	0
Total (95% CI) Total events: 26 (Treatmer Test for heterogeneity: not Test for overall effect: Z = 0	applicable	65		100.00	1.08 [0.70, 1.67]	
		0	.1 0.2 0.5 1 2	5 10		

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Favours treatment Favours control

Review: Service: Crisis resolution and home treatment teams (CRHTTs)

Comparison: 01 CRHTTs versus standard care
Outcome: 04 Leaving the study early by 6 months

Study or sub-category	Treatment egory n/N				RR (fixed) 95% CI	Weight %	RR (fixed) 95% CI	Order 0
Stein 1975	3/65	5/65	-	100.00	0.60 [0.15, 2.41]			
Total (95% CI) Total events: 3 (Treatment) Test for heterogeneity: not a Test for overall effect: Z = 0	applicable	65		100.00	0.60 [0.15, 2.41]			
			0.1 0.2 0.5 1 2 Favours treatment Favours co	5 10		_		

Comparison: 01 CRHTTs versus standard care
Outcome: 05 Leaving the study early by 12 months

Study or sub-category	Treatment n/N	Control n/N	RR (fixed) 95% CI	Weight %	RR (fixed) 95% CI	Order
Stein 1975	3/65	5/65		100.00	0.60 [0.15, 2.41]	0
Total (95% CI) Total events: 3 (Treatment) Test for heterogeneity: not Test for overall effect: Z = 0	applicable	65		100.00	0.60 [0.15, 2.41]	
		0.1	0.2 0.5 1 2	5 10		

Favours treatment Favours control

Review: Service: Crisis resolution and home treatment teams (CRHTTs)

Comparison: 01 CRHTTs versus standard care
Outcome: 06 Leaving the study early by 20 months

Study or sub-category	Treatment n/N	()		Weight %	RR (fixed) 95% CI	Order
Stein 1975	7/65	6/65		100.00	1.17 [0.41, 3.28]	0
Total (95% CI) Total events: 7 (Treatment) Test for heterogeneity: not Test for overall effect: Z = 0	applicable	65		100.00	1.17 [0.41, 3.28]	
		0.	0.2 0.5 1 2	5 10		_

Comparison: 01 CRHTTs versus standard care

Outcome: 07 Burden to family

Study Tre or sub-category	eatment n/N	Control n/N	RR (fixed) 95% CI	Weight %	RR (fixed) 95% CI	Order
01 Disruption to daily routine by 3 month						
	,	/65	_	100.00	0.88 [0.70, 1.10]	0
Subtotal (95% CI)	65	65	•	100.00	0.88 [0.70, 1.10]	
Total events: 43 (Treatment), 49 (Contro	I)					
Test for heterogeneity: not applicable Test for overall effect: $Z = 1.15$ (P = 0.25))					
02 Disruption to daily routine by 6 month	ıs					
Stein 1975 44	/65 49	/65	-	100.00	0.90 [0.72, 1.12]	0
Subtotal (95% CI)	65	65	•	100.00	0.90 [0.72, 1.12]	
Total events: 44 (Treatment), 49 (Contro	I)					
Test for heterogeneity: not applicable Test for overall effect: $Z = 0.97$ ($P = 0.33$))					
03 Disruption to social life by 3 months						
Stein 1975 43	5/65 52	/65	=	100.00	0.83 [0.67, 1.02]	0
Subtotal (95% CI)	65	65	◆	100.00	0.83 [0.67, 1.02]	
Total events: 43 (Treatment), 52 (Contro	I)					
Test for heterogeneity: not applicable						
Test for overall effect: $Z = 1.76$ (P = 0.08))					
04 Disruption to social life by 6 months						
	,	/65		100.00	0.94 [0.76, 1.16]	0
Subtotal (95% CI)	65	65	—	100.00	0.94 [0.76, 1.16]	
Total events: 46 (Treatment), 49 (Contro	1)					
Test for heterogeneity: not applicable Test for overall effect: $Z = 0.59$ (P = 0.55))					
05 Physical illness due to patient's illnes	ss by 3 months					
Stein 1975 51	./65 61	/65	=	100.00	0.84 [0.73, 0.96]	0
Subtotal (95% CI)	65	65	◆	100.00	0.84 [0.73, 0.96]	
Total events: 51 (Treatment), 61 (Contro	I)					
Test for heterogeneity: not applicable						
Test for overall effect: $Z = 2.48$ (P = 0.01)						
06 Physical illness due to patient's illnes			_			
		/65	-	100.00	0.79 [0.66, 0.95]	0
Subtotal (95% CI)	65	65	◆	100.00	0.79 [0.66, 0.95]	
Total events: 45 (Treatment), 57 (Contro	I)					
Test for heterogeneity: not applicable						
Test for overall effect: $Z = 2.49 (P = 0.01)$				_		
		0.1 0.2	0.5 1 2 5	5 10		
		Favours	treatment Favours con	trol		

Comparison: 01 CRHTTs versus standard care

Outcome: 08 Burden to community

Study or sub-category	Treatment n/N	Control n/N	RR (fixed) 95% CI	Weight %	RR (fixed) 95% CI	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]	
Total events: 25 (Treatment Test for heterogeneity: not a Test for overall effect: Z = 1.	applicable					
02 At least one use of eme	rgency 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 Test for heterogeneity: not a Test for overall effect: Z = 0.	applicable					
		0.1	0.2 0.5 1 2	5 10		
		F	avours treatment Favours co	ontrol		

Day hospitals

Review: Service: Day hospitals

Comparison: 01 Day hospital vs Inpatient care Type 1 trials (unsuitable patients excluded before randomisation)

Outcome: 01 Leaving the study early for any reason

Study or sub-category	Treatment n/N	Control n/N	RR (random) 95% CI	Weight %	RR (random) 95% CI	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 (Treatmer Test for heterogeneity: Chi Test for overall effect: Z = 0	$i^2 = 2.53$, df = 1 (P = 0.11), $I^2 =$	= 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)

Outcome: 03 Readmitted to IP or DP care after discharge from IP or DP care.

Study or sub-category	Treatment n/N	Control n/N		R (fixed) 95% CI	Weight %	RR (fixed) 95% CI	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 (Treatmen	136 nt), 48 (Control)	152		+	100.00	1.02 [0.74, 1.43]	
Test for heterogeneity: Chi Test for overall effect: $Z = 0$	i ² = 0.14, df = 1 (P = 0.71), l ² = 0.14 (P = 0.89)	= 0%					
		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)

Outcome: 06 Duration of index admission (individual patient data)

Study or sub-category	N	Treatment Mean (SD)	N	Control Mean (SD)			O (fixed) 5% CI		Weight %	WMD (fixed) 95% CI	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: not Test for overall effect: Z = 0			104						100.00	-4.60 [-16.62, 7.42]	
					-10	-5	0	5	10		
	Favours treatment Favours control										

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)	N	Control Mean (SD)			(fixed) % Cl	Weight %	WMD (fixed) 95% CI	Order
Sledge1996	93	2.24(4.89)	104	4.35(4.75)		-		100.00	-2.11 [-3.46, -0.76]	0
Total (95% CI) Test for heterogeneity: no Test for overall effect: Z =			104			•		100.00	-2.11 [-3.46, -0.76]	
					-10	-5	0 5	10		
					Favou	rs treatment	Favours co	ntrol		

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)

				% CI	%	95% CI	Order
104	0.79(1.50)			=	100.00	2.06 [1.62, 2.50]	0
104				•	100.00	2.06 [1.62, 2.50]	
		-10 -	-5	0 5	10		
	104	104	-i0		-10 -5 0 5	-10 -5 0 5 10	-10 -5 0 5 10

Service: Day hospitals Review:

01 Day hospital vs Inpatient care Type 1 trials (unsuitable patients excluded before randomisation)

Comparison: Outcome: 09 All hospital days/month (individual patient data)

Study or sub-category	N	Treatment Mean (SD)	N	Control Mean (SD)			(fixed) % Cl		Weight %	WMD (fixed) 95% CI	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		
					Favours	treatment	Favour	rs control			

Review: Service: Day hospitals

02 Day hospital vs outpatient care Comparison:

01 Deaths (all causes) Outcome:

Study or sub-category	Treatment n/N	Control n/N	RR (fixed) 95% CI	Weight %	RR (fixed) 95% CI	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 a Test for overall effect: Z = 0	applicable ´	58		100.00	2.42 [0.23, 25.85]	
			0.1 0.2 0.5 1 2 Favours treatment Favours co	5 10		

Review: Service: Day hospitals

Comparison: 02 Day hospital vs outpatient care 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% CI	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		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)	, 28 (Control)					
Test for heterogeneity: not a	oplicable					
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)					
		0.1	0.2 0.5 1 2	5 10		
		Fa	avours treatment Favours co	ontrol		

Review: Service: Day hospitals

Comparison: 02 Day hospital vs outpatient care 01 Satisfaction with care

Study or sub-category	Treatment n/N	Control n/N	RR (random) 95% CI	Weight %	RR (random) 95% CI	Order
01 Not satisfied with care (e	excluding those who left stu	idy 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), I ² = 91.2%				
Test for overall effect: $Z = 0$.	10 (P = 0.92)					
02 Not satisfied with care (a	assuming those who left st	udy early were not satisfied)			
Dick1991	9/46	22/48	<u> </u>	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	= 11.27, df = 1 (P = 0.0008), I 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 c	ontrol		

Review: Service: Day hospitals

Comparison: 02 Day hospital vs outpatient care

Outcom e: 04 Hosptial admissions

Study or sub-category	Treatment n/N	Control n/N	RR (random) 95% CI	Weight %	RR (random) 95% CI	Order
01 Admitted to hospital duri	ing the study at 6-8 months					
Dick1991	0/46	2/50	-	36.78	0.22 [0.01, 4.40]	0
Tyrer1979	4/48	1/58		63.22	4.83 [0.56, 41.81]	0
Subtotal (95% CI)	94	108		100.00	1.23 [0.06, 25.50]	
Total events: 4 (Treatment),	, 3 (Control)					
Test for heterogeneity: Chi^2 Test for overall effect: $Z = 0$.		: 63.2%				
02 Admitted to hospital duri	ing the study at 24 months					
Tyrer1979	6/48	4/58		100.00	1.81 [0.54, 6.05]	0
Subtotal (95% CI)	48	58		100.00	1.81 [0.54, 6.05]	
Total events: 6 (Treatment),	, 4 (Control)					
Test for heterogeneity: not a	applicable					
Test for overall effect: $Z = 0$.	97 (P = 0.33)					
		0.	1 0.2 0.5 1 2	5 10		
		F	avours treatment Favours cor	ntrol		

Review:

Service: Day hospitals 02 Day hospital vs outpatient care 05 Mental state Comparison: Outcome:

Study or sub-category	N	Treatment Mean (SD)	N	Control Mean (SD)	WMD (fixed) 95% CI	Weight %	WMD (fixed) 95% CI	Order
01 Change from baseline of	on the PSE at	four months						
Tyrer1979	40	-13.03(11.45)	49	-9.31(12.42)		100.00	-3.72 [-8.69, 1.25]	0
Subtotal (95% CI)	40	, ,	49	,		100.00	-3.72 [-8.69, 1.25]	
Test for heterogeneity: not Test for overall effect: Z =	• •)						
02 Change from baseline of	on the PSE at	eight months						
Tyrer1979	40	-14.57(13.86)	48	-11.18(12.53)		100.00	-3.39 [-8.96, 2.18]	0
Subtotal (95% CI)	40		48			100.00	-3.39 [-8.96, 2.18]	
Test for heterogeneity: not Test for overall effect: Z =)						
					-10 -5 0 5	10		
					Favours treatment Favours co	ontrol		

Review:

Service: Day hospitals 02 Day hospital vs outpatient care 06 Social functioning Comparison: Outcome:

Study or sub-category	N	Treatment Mean (SD)	N	Control Mean (SD)			ID (fixed) 5% CI		Weight %	WMD (fixed) 95% CI	Order
01 Change from baseline 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 a	pplicable										
Test for overall effect: $Z = 1.3$	31 (P = 0.19)										
02 Change from baseline on	the SFS at e	eight 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 a	pplicable										
Test for overall effect: $Z = 1.5$	54 (P = 0.12)										
					-10	-5	0	5	10		
					Favou	rs treatmen	t Favou	rs control			

Non-statutory support

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

Outcome: 01 Non-remitters

Study or sub-category	Treatment n/N	Control n/N	RR (fixed) 95% CI	Weight %	RR (fixed) 95% CI	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	ontrol		

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

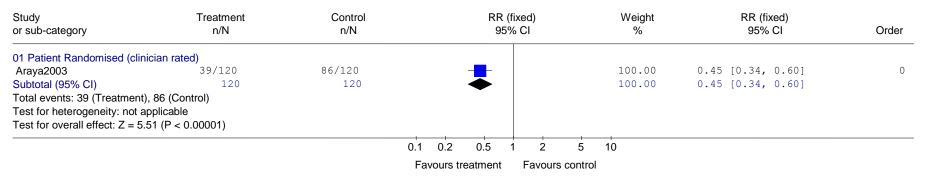
Outcome: 01 Number not achieving =>50% reduction in outcome score at endpoint

Study or sub-category	Treatment n/N	Control n/N	RR (random) 95% CI	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]	
Test for overall effect: Z = 3.6	3 (P = 0.0003)					
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 = 2.1	11.23, df = 2 (P = 0.004), I ²	= 82.2%				
		0.	1 0.2 0.5 1 2	5 10		
		Fa	vours treatment Favours co	ntrol		

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

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

Outcome: 02 Number not achieving =>50% reduction in outcome score at follow-up: 3 months



C-care 01.03 Non-remission at endpoint

Review: Depression Update Service: Collaborative Care
Comparison: 01 Overall Efficacy v usual care - post ICC adjustment
Outcome: 03 Number not achieving remission at endpoint

Study or sub-category	Treatment n/N	Control n/N	RR (random) 95% CI	Weight %	RR (random) 95% CI	Order
02 Self rated						
DIETRICH2004 *clr	158/224	142/181	=	36.12	0.90 [0.80, 1.01]	0
ROST2001b *clr	64/115	66/96	-	23.17	0.81 [0.66, 1.00]	0
Wells1999 CMBN	423/582	217/282	•	40.72	0.94 [0.87, 1.02]	0
Subtotal (95% CI)	921	559	•	100.00	0.92 [0.86, 0.98]	
Total events: 645 (Treatment Test for heterogeneity: Chi ² = Test for overall effect: Z = 2.6	1.99, df = 2 (P = 0.37), I ² =	= 0%				
03 Clinician rated						
Araya2003	70/120	104/120	-	43.85	0.67 [0.57, 0.80]	0
PERAHIA2008	269/477	279/485	<u> </u>	56.15	0.98 [0.88, 1.09]	0
Subtotal (95% CI)	597	605		100.00	0.82 [0.56, 1.18]	
Test for heterogeneity: Chi ² = Test for overall effect: Z = 1.0		, I ² = 92.8%				
04 DSM criteria						
CHEWGRAHAM2007	17/53	26/52		17.11	0.64 [0.40, 1.03]	0
Katon1996 MAJOR	13/31	18/34		14.69	0.79 [0.47, 1.33]	0
Katon1996 MINOR	12/46	14/42		10.02	0.78 [0.41, 1.50]	0
LUDMAN2007 CMBN	29/78	11/26		14.13	0.88 [0.52, 1.50]	0
Mann1998b	84/271	40/148	-	31.89	1.15 [0.83, 1.58]	0
Simon2000 *C	16/196	28/196		12.15	0.57 [0.32, 1.02]	0
Subtotal (95% CI)	675	498	•	100.00	0.83 [0.66, 1.04]	
Total events: 171 (Treatment), 137 (Control)					
Test for heterogeneity: Chi ² =	6.66, df = 5 (P = 0.25), l ² =	= 25.0%				
Test for overall effect: $Z = 1.6$	60 (P = 0.11)					
		0.1	0.2 0.5 1 2	5 10		
		F	avours treatment Favours co	ntrol		

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

Review: Depression Update Service: Collaborative Care
Comparison: 01 Overall Efficacy v usual care - post ICC adjustment
Outcome: 04 Number not achieving remission at follow-up: 3 months

Study or sub-category	Treatment n/N	Control n/N	RR (fixed) 95% CI	Weight %	RR (fixed) 95% CI	Order
01 Patient Randomised (clinic	cian 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),	88 (Control)		~			
Test for heterogeneity: not ap	plicable					
Test for overall effect: $Z = 4.9$	6 (P < 0.00001)					
			0.1 0.2 0.5 1	2 5 10		
			Favours treatment Fa	vours control		

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

Outcome: 05 Number not achieving remission at follow-up: 12 months

Study or sub-category	Treatment n/N	Control n/N	RR (fixed) 95% CI	Weight %	RR (fixed) 95% CI	Order
01 Self rated						
Wells1999 CMBN	287/581	133/282	<u> </u>	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	nt), 133 (Control)					
Test for heterogeneity: not	applicable					
Test for overall effect: $Z = 0$						
			0.1 0.2 0.5 1 2	5 10		
			Favours treatment Favours	control		

C-care 01.06 Relapse at endpoint

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

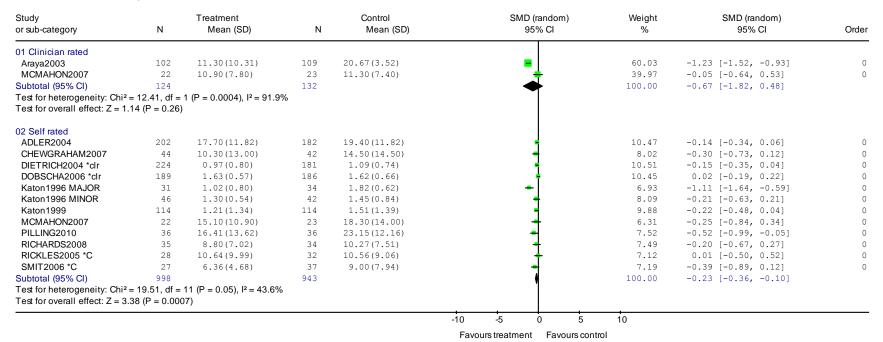
Outcome: 06 Relapse Prevention

Study or sub-category	Treatment n/N	Control n/N	RR (fixed) 95% CI	Weight %	RR (fixed) 95% CI	Order
01 12 months Katon2001 Rlps Prvtn Subtotal (95% CI)	22/194 194	23/192 192	<u> </u>	100.00	0.95 [0.55, 1.64] 0.95 [0.55, 1.64]	0
Total events: 22 (Treatment), Test for heterogeneity: not ap Test for overall effect: Z = 0.20	23 (Control) plicable	192		100.00	0.93 [0.33, 1.04]	
		0. F	I 0.2 0.5 1 2 avours treatment Favours col	5 10 ntrol		

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

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

Outcome: 07 Mean endpoint



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% CI	Weight %	SMD (random) 95% CI	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)		<u> </u>	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			a l	100.00	-0.36 [-0.63, -0.09]	
Test for heterogeneity: Chi Test for overall effect: Z = 2									
02 Clinician rated	104	7.67(6.92)	107	16.67(4.54)		_	100.00	-1.54 [-1.84, -1.23]	0
Araya2003 Subtotal (95% CI)	104	7.07(0.92)	107	10.07(4.34)		₹	100.00	-1.54 [-1.84, -1.23]	U
Test for heterogeneity: not						•	100.00	1.01 (1.01, 1.20)	
Test for overall effect: Z =	• •	001)							
					-10	-5 0	5 10		
					Favours	treatment Favour	scontrol		

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	N	Treatment Mean (SD)	N	Control Mean (SD)			0 (fixed) 5% CI		Weight %	SMD (fixed) 95% CI	Order
01 Clinician rated PERAHIA2008 Subtotal (95% Cl) Test for heterogeneity: not Test for overall effect: Z = 6		-12.59(8.74)	481 481	-12.42(8.77)					100.00	-0.02 [-0.15, 0.11] -0.02 [-0.15, 0.11]	0
					-10	-5	0 Favou	5 rs control	10		

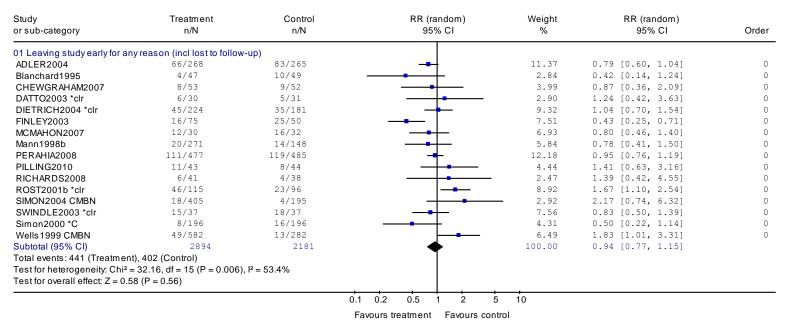
Collaborative care (C-care) 02: Acceptability and tolerability - pre-sensitivity analysis

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



C-care 02.02 Non-adherence to medication at endpoint

Review: Depression Update Service: Collaborative Care

Comparison: 02 Overall acceptability and tolerability v usual care - post ICC adjustment

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 medicati	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), I^2 =	58.2%				
Test for overall effect: Z = 4.08	(P < 0.0001)					
			0.1 0.2 0.5 1 2	5 10		
			Favours treatment Favours of	ontrol		

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% CI	Weight %	RR (random) 95% CI	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	<u> </u>	19.17	0.97 [0.79, 1.18]	5
Subtotal (95% CI)	1036	784	•	100.00	0.83 [0.75, 0.92]	
Test for heterogeneity: $Chi^2 = $ Test for overall effect: $Z = 3.6$		= 21.1%				
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 = $ Test for overall effect: $Z = 1.4$, , , , , , , , , , , , , , , , , , , ,	= 69.2%				
,		0	1 0.2 0.5 1 2	5 10		
		I	Favours treatment Favours co	ntrol		

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

Study or sub-category	Treatment n/N	Control n/N	RR (fixed) 95% CI	Weight %	RR (fixed) 95% CI	Order
02 Self rated						
DIETRICH2004 *clr	158/224	142/181	=	30.13	0.90 [0.80, 1.01]	0
ROST2001b *clr	64/115	66/96	-	13.80	0.81 [0.66, 1.00]	0
Wells1999 CMBN	423/582	217/282	=	56.07	0.94 [0.87, 1.02]	0
Subtotal (95% CI)	921	559	•	100.00	0.91 [0.86, 0.97]	
Total events: 645 (Treatment	t), 425 (Control)		Ĭ			
Test for heterogeneity: Chi ² =	$= 1.99$, df = 2 (P = 0.37), I^2	= 0%				
Test for overall effect: $Z = 2.8$	33 (P = 0.005)					
03 Clinician rated						
PERAHIA2008	269/477	279/485	<u>=</u>	100.00	0.98 [0.88, 1.09]	0
Subtotal (95% CI)	477	485	▼	100.00	0.98 [0.88, 1.09]	
Total events: 269 (Treatment	t), 279 (Control)					
Test for heterogeneity: not ag	oplicable					
Test for overall effect: $Z = 0.3$	35 (P = 0.72)					
04 DSM criteria						
CHEWGRAHAM2007	17/53	26/52	-	17.01	0.64 [0.40, 1.03]	0
Katon1996 MAJOR	13/31	18/34		11.13	0.79 [0.47, 1.33]	0
Katon1996 MINOR	12/46	14/42		9.49	0.78 [0.41, 1.50]	0
LUDMAN2007 CMBN	29/78	11/26		10.69	0.88 [0.52, 1.50]	0
Mann1998b	84/271	40/148	-	33.53	1.15 [0.83, 1.58]	0
Simon2000 *C	16/196	28/196		18.15	0.57 [0.32, 1.02]	0
Subtotal (95% CI)	675	498	•	100.00	0.85 [0.70, 1.04]	
Total events: 171 (Treatment	t), 137 (Control)					
Test for heterogeneity: Chi ² =	6.66, df = 5 (P = 0.25), l ²	= 25.0%				
Test for overall effect: $Z = 1.6$	60 (P = 0.11)					
		0.1	0.2 0.5 1 2	5 10		
		Fa	vours treatment Favours co	ontrol		

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

Review: Depression Update Service: Collaborative Care

Comparison: 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		RR (fixed) 95% CI	Weight %	RR (fixed) 95% CI	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 (Treatment	t), 133 (Control)			ľ			
Test for heterogeneity: not ar							
Test for overall effect: $Z = 0.6$	61 (P = 0.54)						
					<u> </u>		
			0.1 0.2	0.5 1 2	5 10		
			Favours trea	tment Favour	s control		

C-care 03.04 Relapse at endpoint

Review: Depression Update Service: Collaborative Care

Comparison: 03 Overall efficacy - sensitivity analysis

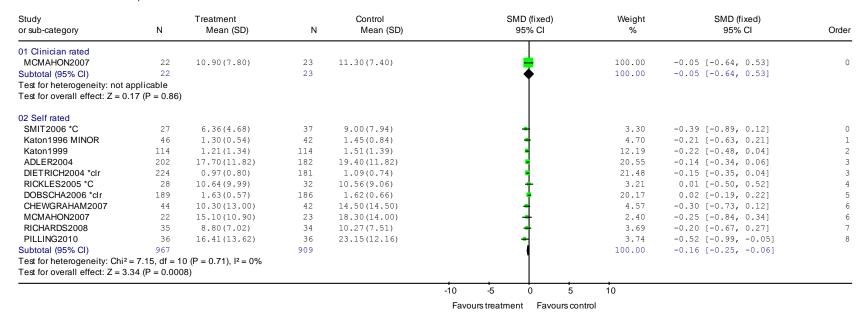
Outcome: 04 Relapse Prevention

Study or sub-category	Treatment n/N	Control n/N	RR (fixed) 95% CI	Weight %	RR (fixed) 95% CI	Order
01 12 months						
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),	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 Favours	control		

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



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

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

Outcome: 06 Mean endpoint scores (self-rated) at follow-up: 3-4 months

Study or sub-category	N	Treatment Mean (SD)	N	Control Mean (SD)			0 (fixed) 5% Cl	Weight %	SMD (fixed) 95% CI	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)			<u>-</u>	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				ا	100.00	-0.36 [-0.63, -0.09]	
Test for heterogeneity: Chi2	t = 0.12, df = 2	$P(P = 0.94), I^2 = 0\%$					1			
Test for overall effect: $Z = 2$.63 (P = 0.00	3)								
					-10	- 5	0 5	10		_
					Favoi	urs treatment	Favours co	ntrol		

C-care 03.07 Mean change at endpoint

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

Outcome: 07 Mean change at endpoint

Study or sub-category	N	Treatment Mean (SD)	N	Control Mean (SD)			D (fixed) 5% CI		Weight %	SMD (fixed) 95% Cl	Order
01 Clinician rated							1				
PERAHIA2008	477	-12.59(8.74)	481	-12.42(8.77)					100.00	-0.02 [-0.15, 0.11]	0
Subtotal (95% CI)	477		481				1		100.00	-0.02 [-0.15, 0.11]	
Test for heterogeneity: not Test for overall effect: Z =)									
					-10	-5	0	5	10		
					Favou	rs treatmen	t Favo	ours contro	ol		

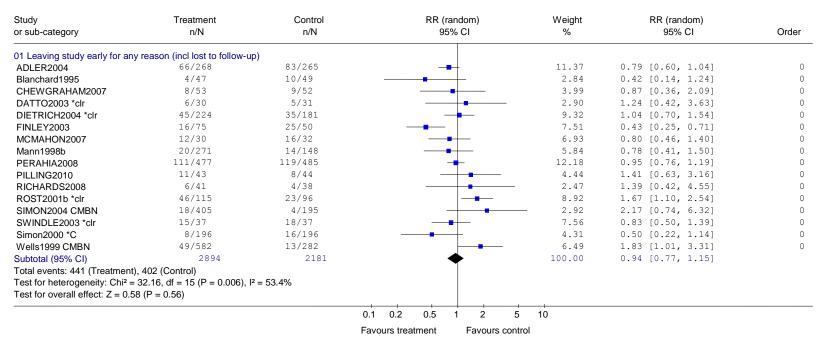
Collaborative care (C-care) 04: Acceptability and tolerability - sensitivity analysis

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



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), Test for heterogeneity: $Chi^2 = 7$ Test for overall effect: $Z = 4.08$	7.18, $df = 3 (P = 0.07), I^2 =$	58.2%				
		(0.1 0.2 0.5 1 2	5 10		
			Favours treatment Favours co	ntrol		

Medication management

Medication management (Med-man) 01: Efficacy

Med-man 01.01 Non-response at endpoint

Review: Depression Update Service: Medication Management

Comparison: 01 Overall Efficacy (v usual care)

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

Study or sub-category	Treatment n/N	Control n/N	RR (fixed) 95% CI	Weight %	RR (fixed) 95% CI	Order
RICKLES2005 *C	10/31	11/32	_	100.00	0.94 [0.47, 1.89]	0
Total (95% CI) Total events: 10 (Treatment Test for heterogeneity: not a Test for overall effect: Z = 0	applicable	32		100.00	0.94 [0.47, 1.89]	
		(0.1 0.2 0.5 1 2	5 10		
			Favours treatment Favours co	ntrol		

Med-man 01.02 Mean endpoint (self-rated)

Review: Depression Update Service: Medication Management

Comparison: 01 Overall Efficacy (v usual care)
Outcome: 02 Mean endpoint (self rated)

Study or sub-category	N	Treatment Mean (SD)	N	Control Mean (SD)			O (fixed) 5% CI	Weight %	SMD (fixed) 95% CI	Order
ADLER2004	202	17.70(11.82)	182	19.40(11.82)			<u> </u>	65.26	-0.14 [-0.34, 0.06]	0
PEVELER1999	105	4.60(4.50)	55	5.50(3.60)			<u></u>	24.54	-0.21 [-0.54, 0.11]	0
RICKLES2005 *C	28	10.64(9.99)	32	10.56(9.06)			†	10.21	0.01 [-0.50, 0.52]	0
Total (95% CI)	335		269				4	100.00	-0.14 [-0.31, 0.02]	
Test for heterogeneity: Ch	$i^2 = 0.52$, $df = 2$	2 (P = 0.77), I ² = 0%								
Test for overall effect: Z =	1.75 (P = 0.08))								
					-10	-5	0 5	10		
					Favo	urs treatment	Favours co	ntrol		

Med-man 01.03 Non-adherence to medication at endpoint

Review: Depression Update Service: Medication Management

Comparison: 01 Overall Efficacy (v usual care)
Outcome: 03 Non-adherence to medication

Study or sub-category	Treatment n/N	Control n/N	RR (random) 95% CI	Weight %	RR (random) 95% CI	Order
01 Cluster randomised						
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), 1	1 (Control)					
Test for heterogeneity: not ap	,					
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 =	2.30 , df = 1 (P = 0.13), I^2	= 56.6%				
Test for overall effect: Z = 1.6	0 (P = 0.11)					
		0.	1 0.2 0.5 1 2	5 10		
		F	avours treatment Favours co	ntrol		

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% CI	Weight %	RR (fixed) 95% CI	Order
ADLER2004	66/268	83/265	-	89.46	0.79 [0.60, 1.04]	0
WILKINSON1993	10/30	10/31		10.54	1.03 [0.50, 2.12]	0
Total (95% CI)	298	296		100.00	0.81 [0.63, 1.05]	
Total events: 76 (Treatment Test for heterogeneity: Chi ² Test for overall effect: Z = 1.	$= 0.48$, df = 1 (P = 0.49), I^2	= 0%				
		0	.1 0.2 0.5 1 2	5 10		
			Favours treatment Favours	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% CI	Weight %	SMD (random) 95% CI	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]	
Test for heterogeneity: $Chi^2 = 4$ Test for overall effect: $Z = 1.46$		* **						
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)	- 	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: $Chi^2 = 0$ Test for overall effect: $Z = 2.86$		* **						
					-10 -5 0 5	10		
					Favours treatment Favours co	ontrol		