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## Online Supplementary Material

### Search Terms

Category	Database/resource searched	Search Terms
<b>1. Electronic Databases</b>  Combination of searches with 3 concepts:- Concept 1 – PSYCHOTHERAPY (includes all sub-types of therapy) <i>AND</i> Concept 2 – SCHIZOPHRENIA (includes psychosis) <i>AND</i> Concept 3 – ACUTE/INPATIENT psychiatric setting	PsychINFO	Keyword searches:- <ul style="list-style-type: none"> <li>• brief psychotherapy</li> <li>• hospital admission</li> <li>• psychiatric hospital admission</li> <li>• psychiatric hospitalization</li> <li>• psychiatric hospitals</li> <li>• psychiatric units</li> <li>• psychotherapy</li> <li>• schizophrenia</li> </ul> (.tw.) qualifier used to search following terms in title and/or abstract:- <ul style="list-style-type: none"> <li>• acute</li> <li>• hospita*</li> <li>• inpatient?</li> <li>• psychosis</li> <li>• psychotic</li> <li>• psychoses</li> <li>• schizo*</li> <li>• therap*</li> </ul>
	PubMed	((inpatient) AND psychosis) AND (psychotherapy OR therapy)
<b>2. Theses/Dissertations</b>	EThOS	(any word)=psychosis OR schizophrenia AND (acute OR inpatient)
	ProQuest	
<b>3. Professional Body Publication</b>	Clinical Psychology Forum	Hand-searched
<b>4. Conference abstracts</b>	Conference Proceedings Citation Index - Science (CPCI-S)	(Topic Heading=(psychosis OR psychotic OR schizo*) AND TS=(acute OR hospita* OR inpatient*) AND TS=therap*)
<b>5. Trial Registries</b>	ISRCTN registry	Condition=psychosis OR schizophrenia Inclusion criteria=inpatient OR acute Interventions=therapy OR behavioral
	Clinicaltrials.gov	
	Cochrane Central Register of Controlled Trials	
<b>6. Existing Reviews</b>	Cochrane Library	TOPIC=mental health OR schizophrenia/psychosis AND therapy
<b>7. Grey Literature</b>	Trip Database	(Area of Clinical Practice = Medicine OR Psychology OR Psychiatry OR Mental Health) AND (Psychotherapy OR Psychological therapies) AND (Inpatient OR Hospital)
	Open Gray	

## Studies included in review (with quality assessment)

For ease of interpretation, MMAT scores are colour-coded with low quality scores (0%-25%) in red, a medium score (50%) in orange and high scores (75%-100%) in green.

<b>RANDOMISED CONTROLLED TRIALS (N=21)</b>							
No.	Author (year) n=total no. of participants Country	Study Design (Record type)	Therapy Model (Sub-type)	Mode of Delivery	Outcome Data Reported?	MMAT Section assessed under	MMAT score
1	<b>Kanas et al. (1980) (1)</b> n=86 USA	RCT <sup>1</sup> (JA) <sup>2</sup>	Non-CBT <sup>3</sup> (Psychodynamic)	Group	Yes	2. RCT	0%
2	<b>Beutler (1984) (2)</b> n=176 USA	RCT (JA)	CBT	Group	Yes	2. RCT	25%
3	<b>Cholet (1984) (3)</b> n=40 USA	RCT (Thesis)	Non-CBT (Humanistic-Existential)	Individual	Yes	2. RCT	50%
4	<b>Glick et al (1985) (4)</b> n=144 USA	RCT (JA)	CBT (Family Intervention)	Family	Yes	2. RCT	50%
5	<b>Youssef (1987) (5)</b> n=30 USA	RCT (JA)	Non-CBT (Psychoeducation only)	Family	Yes	2. RCT	0%
6	<b>Drury et al (1996) (6)</b> n=62 UK	RCT (JA)	CBT	Individual + Group + Family	Yes	2. RCT	0%
7	<b>Wahass and Kent (1997) (7)</b> n=6 Saudi Arabia	RCT (JA)	CBT (Culturally adapted)	Individual	Yes – but failed MMAT screening stage		
8	<b>Haddock et al (1999) (8)</b> n=21	RCT (JA)	CBT	Individual	Yes	2. RCT	25%

<sup>1</sup> RCT=Randomised Controlled Trial

<sup>2</sup> JA=Journal article

<sup>3</sup> CBT=Cognitive-Behavioural Therapy

	UK						
9	<b>Bach and Hayes (2002) (9)</b> n=80 USA	RCT (JA)	CBT (Third-wave)	Individual	Yes	2. RCT	50%
10	<b>Lewis et al (2002) (10)</b> n=309 UK	RCT (JA)	CBT	Individual	Yes	2. RCT	100%
11	<b>Hall and Tarrier (2003) (11)</b> n=25 UK	RCT (JA)	CBT	Individual	Yes	2. RCT	100%
12	<b>Bechdolf et al (2004) (12)</b> n=88 Germany	RCT (JA)	CBT	Group	Yes	2. RCT	100%
13	<b>Startup et al (2004) (13)</b> n=90 UK	RCT (JA)	CBT	Individual	Yes	2. RCT	25%
14	<b>Gaudiano and Herbert (2006) (14)</b> n=40 USA	RCT (JA)	CBT (Third-wave)	Individual	Yes	2. RCT	50%
15	<b>Klingberg et al (2010) (15)</b> n=169 Germany	RCT (JA)	CBT	Individual + Group + Family	Yes	2. RCT	50%
16	<b>Moritz et al (2011) (16)</b> n=48 Germany	RCT (JA)	CBT	Individual + Group	Yes	2. RCT	100%
17	<b>Boden (2013) (17)</b> n=18 USA	RCT (TR) <sup>4</sup>	CBT (Third-wave)	Individual	Yes	2. RCT	0%
18	<b>Gaudiano (2015) (18)</b> n=60 (target) USA	RCT (TR)	CBT (Third-wave)	Individual	No (trial protocol only)		

<sup>4</sup> TR=Trials Registry

19	<b>Habib et al (2015) (19)</b> n=42 Pakistan	RCT (JA)	CBT (Culturally adapted)	Individual	Yes	2. RCT	50%
20	<b>Jacobsen et al (2016) (20)</b> n=60 (target) UK	RCT (JA)	CBT (Third-wave)	Individual	No (trial protocol only)		
21	<b>Tyrberg et al (2016) (21)</b> n=21 Sweden	RCT (JA)	CBT (Third-wave)	Individual	Yes	2. RCT	75%

### NON-RANDOMISED CONTROLLED TRIALS (N=14)

No.	Author (year) n=total no. of participants Country	Study Design (Record type)	Therapy Model (Sub-type)	Mode of Delivery	Outcome Data Reported?	MMAT Section assessed under	MMAT score
1	<b>Feifel and Schwartz (1953) (22)</b> n=68 USA	Non-randomised CT <sup>5</sup> (JA)	Non-CBT (Psychodynamic)	Group	Yes	3. QNR <sup>6</sup>	50%
2	<b>Walker and Kelley (1960) (23)</b> n=82 USA	Non-randomised CT (JA)	Non-CBT (Psychodynamic)	Individual	Yes	3. QNR	25%
3	<b>Bookhammer et al (1966) (24)</b> n=51 USA	Non-randomised CT (JA)	Non-CBT (Psychodynamic)	Unclear	Yes	3. QNR	0%
4	<b>Stern et al (1972) (25)</b> n=75 USA	Non-randomised CT (JA)	Non-CBT (Psychodynamic)	Individual	Yes	3. QNR	50%
5	<b>Gould et al (1975) (26)</b> n=17 USA	Non-randomised CT (JA)	Non-CBT (Psychodynamic)	Group	Yes	3. QNR	75%
6	<b>Serok and Zemet (1983) (27)</b>	Non-randomised CT (JA)	Non-CBT (Gestalt)	Group	Yes	3. QNR	75%

<sup>5</sup> CT=Controlled Trial

<sup>6</sup> QNR=Quantitative Non-Randomised

	n=31 Israel						
7	<b>Levene et al (1989) (28)</b> n=10 Canada	Non-randomised CT (JA)	Non-CBT (Family Therapy)	Family	Yes	3. QNR	25%
8	<b>Hodel et al (1998) (29)</b> n=19 Switzerland	Non-randomised CT (JA)	CBT (Emotional Management Therapy)	Individual	Yes	3. QNR	75%
9	<b>Hauff et al (2002) (30)</b> n=96 Norway	Non-randomised CT (JA)	Non-CBT (Psychodynamic)	Individual	Yes	3. QNR	50%
10	<b>Veltro et al (2006) (31)</b> n=502 Italy	Non-randomised CT (JA)	CBT	Group	Yes	3. QNR	0%
11	<b>Schmid and Wanderer (2007) (32)</b> n=320 Switzerland	Non-randomised CT (JA)	Non-CBT (Phantasy therapy)	Group	Yes – but failed MMAT screening stage		
12	<b>Mortan et al (2011) (33)</b> n=12 Turkey	Non-randomised CT (JA)	CBT	Group	Yes	3. QNR	50%
13	<b>Owen et al (2015) (34)</b> n=112 UK	Non-randomised CT (JA)	CBT (Third-wave)	Group	Yes	5. MM	50%
14	<b>Witkowska (2015) (35)</b> n=60 Poland	Non-randomised CT (JA)	Non-CBT (Psychoeducation only)	Individual	Yes – but failed MMAT screening stage		
<b>SERVICE EVALUATION (N=18)</b>							
No.	Author (year) n=total no. of participants Country	Study Design (Record type)	Therapy Model (Sub-type)	Mode of Delivery	Outcome Data Reported?	MMAT Section assessed under	MMAT score
1	<b>Coffey (1954) (36)</b> n=not stated	Service Evaluation (BC) <sup>7</sup>	Non-CBT (Psychodynamic)	Group	No		

<sup>7</sup> BC= Book chapter

	USA						
2	<b>Goldberg et al (1955) (37)</b> n=not stated USA	Service Evaluation (JA)	Non-CBT (Psychodynamic)	Group	No		
3	<b>Canter (1956) (38)</b> n=60 USA	Service Evaluation (JA)	Non-CBT (Psychodynamic)	Group	No		
4	<b>Chazan (1974) (39)</b> n=not stated Israel	Service Evaluation (JA)	Non-CBT (Psychodynamic)	Family (Group)	No		
5	<b>Birckhead (1984) (40)</b> n=not stated USA	Service Evaluation (JA)	Non-CBT (Psychodynamic)	Group	No		
6	<b>Cole and Greene (1988) (41)</b> n=20 USA	Service Evaluation (JA)	Non-CBT (Psychodynamic)	Group	Yes	4. QD <sup>8</sup>	0%
7	<b>Kelly et al (1990) (42)</b> n=not stated UK	Service Evaluation (JA)	Non-CBT (Supportive Counselling)	Group	No		
8	<b>Aviera (1996) (43)</b> n=not stated USA	Service Evaluation (JA)	No clear therapy model	Group	No		
9	<b>Linszen et al (1998) (44)</b> n=76 Netherlands	Service Evaluation (JA)	CBT (Family Intervention)	Family	Yes – but failed MMAT screening stage		
10	<b>Dodd and Wellman (2000) (45)</b> n=23 UK	Service Evaluation (JA)	CBT	Group	Yes – but failed MMAT screening stage		
11	<b>Fell and Sams (2004) (46)</b> n=91 UK	Service Evaluation (JA)	CBT	Group	Yes – but failed MMAT screening stage		

<sup>8</sup> QD= Quantitative Descriptive

12	<b>Durrant et al (2007) (47)</b> n=14 UK	Service Evaluation (JA)	CBT (Third-wave)	Individual	Yes	4. QD	50%
13	<b>Tickle et al (2009) (48)</b> n=not stated UK	Service Evaluation (JA)	CBT	Group	Yes – but failed MMAT screening stage		
14	<b>Lynch et al (2011) (49)</b> n=78 USA	Service Evaluation (JA)	CBT	Individual + Group	Yes	4. QD	75%
15	<b>Raune and Daddi (2011) (50)</b> n=137 UK	Service Evaluation (JA)	CBT	Group	Yes	4. QD	75%
16	<b>Steiner and Harland (2011) (51)</b> n=not stated UK	Service Evaluation (JA)	Non-CBT (Psychodynamic)	Group	No		
17	<b>Heriot-Maitland et al (2014) (52)</b> n=not stated UK	Service Evaluation (JA)	CBT (Third-wave)	Group	Yes	5. MM <sup>9</sup>	75%
18	<b>Nikolitch et al (2016) (53)</b> n=40 Canada	Service Evaluation (JA)	CBT (Third-wave)	Group	Yes	4. QD	75%

**CASE SERIES (N=5)**

No.	Author (year) n=total no. of participants Country	Study Design (Record type)	Therapy Model (Sub-type)	Mode of Delivery	Outcome Data Reported?	MMAT Section assessed under	MMAT score
1	<b>Boyd (1979) (54)</b> n=3 USA	Case Series (JA)	Non-CBT (Psychodynamic)	Individual + Group	No		
2	<b>Cole (1993) (55)</b> n=3	Case Series (BC)	CBT (Family Intervention)	Family	No		

<sup>9</sup> MM= Mixed Methods



	USA					
<b>3</b>	<b>Ahmed et al (1997) (56)</b>  n=3 USA	Case Series (JA)	No clear therapy model	Individual	Yes – but failed MMAT screening stage	
<b>4</b>	<b>Kerr (2001) (57)</b>  n=4 UK	Case Series (JA)	Non-CBT (CAT) <sup>10</sup>	Individual	No	
<b>5</b>	<b>Freemantle and Clarke (2009) (58)</b>  n=2 UK	Case Series (BC)	CBT (Third-wave)	Individual	No	

### SINGLE CASE STUDIES (N=4)

No.	Author (year)  n=total no. of participants  Country	Study Design (Record type)	Therapy Model (Sub-type)	Mode of Delivery	Outcome Data Reported?	MMAT Section assessed under	MMAT score
<b>1</b>	<b>Dublin (1973) (59)</b>  n=1 USA	Case Study (JA)	Non-CBT (Gestalt)	Individual	No		
<b>2</b>	<b>Ginsburg (2000) (60)</b>  n=1 USA	Case Study (JA)	Non-CBT (Supportive Counselling)	Individual	No		
<b>3</b>	<b>Mansell and Fadden (2009) (61)</b>  n=1 UK	Case Study (BC)	CBT (Family Intervention)	Family	No		
<b>4</b>	<b>Cooper (2014) (62)</b>  n=1 UK	Case Study (JA)	Non-CBT (Psychodynamic)	Group	Yes – but failed MMAT screening stage		

### QUALITATIVE ONLY (N=3)

No.	Author (year)  n=total no. of participants  Country	Study Design (Record type)	Therapy Model (Sub-type)	Mode of Delivery	Outcome Data Reported?	MMAT Section assessed under	MMAT score
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<sup>10</sup> CAT= Cognitive-Analytical Therapy

<b>1</b>	<b>Holma and Aaltonen (1997) (63)</b>  n=15 Finland	Qualitative (JA)	Non-CBT (Family Therapy)	Family	Qualitative data only	1. Qual	50%
<b>2</b>	<b>Gonzalez de Chavez et al (2000) (64)</b>  n=32 Spain	Qualitative (JA)	Non-CBT (Psychodynamic)	Group	Qualitative data only	1. Qual	75%
<b>3</b>	<b>York (2007) (65)</b>  n=8 UK	Qualitative (JA)	CBT (Third-wave)	Group	Qualitative data only	1. Qual	75%

## Risk of bias summary for RCTs only using Cochrane Tool

		Selection Bias		Performance Bias	Detection Bias	Attrition Bias	Reporting Bias	Other Bias
		Random sequence generation	Allocation concealment	Blinding (participants and personnel)	Blinding of outcome assessment	Incomplete outcome data	Selective reporting	
1	<b>Kanas et al.(21)</b> USA							No ITT analysis
2	<b>Beutler (22)</b> USA							No ITT analysis
3	<b>Cholet (14)</b> USA							Unclear if ITT analysis Small N (N=20 in treatment arm)
4	<b>Glick, Clarkin (23)</b> USA							Unclear if ITT analysis
5	<b>Youssef (24)</b> USA							No ITT Analysis Small N (N=15 in treatment arm)
6	<b>Drury, Birchwood (25)</b> UK							No ITT analysis
7	<b>Wahass and Kent (26)</b> Saudi Arabia							Small N (N=3 in treatment arm)
8	<b>Haddock, Tarrrier (27)</b> UK							Unclear if ITT analysis Small N (N=10 in treatment arm)
9	<b>Bach and Hayes (28)</b> USA							No ITT analysis
10	<b>Lewis, Tarrrier (20)</b> UK							None
11	<b>Hall and Tarrrier (29)</b> UK							No ITT Analysis Small N (N=12 in treatment arm)

12	<b>Bechdorf, Knost (30)</b> Germany							None
13	<b>Startup, Jackson (31)</b> UK							None
14	<b>Gaudio and Herbert (32)</b> USA							Small N (N=19 in treatment arm)
15	<b>Klingberg, Wittorf (33)</b> Germany							Unclear if ITT analysis
16	<b>Moritz, Veckenstedt (34)</b> Germany							Small N (N=24 in treatment arm)
17	<b>Boden (16)</b> USA							Unclear if ITT analysis Small N (N=12 in treatment arm)
18	<b>Gaudio (15)</b> USA	<b>NOT ASSESSED – TRIAL PROTOCOL ONLY</b>						
19	<b>Habib, Dawood (35)</b> Pakistan							No ITT analysis Small N (N=21 in treatment arm)
20	<b>Jacobsen, Peters (36)</b> UK	<b>NOT ASSESSED – TRIAL PROTOCOL ONLY</b>						
21	<b>Tyrberg, Carlbring (37)</b> Sweden							Small N (N=11 in treatment arm)

### **Studies included in review**

1. Kanas N, Rogers M, Kreth E, Patterson L, Campbell R. The effectiveness of group psychotherapy during the first three weeks of hospitalization. A controlled study. *J Nerv Ment Dis.* 1980; 168(8): 487-92.
2. Beutler LE. Comparative Effects of Group Psychotherapies in a Short-Term Inpatient Setting. *Psychiatry.* 1984; 47(1): 66.
3. Cholet ME. Outcome of humanistic-existential therapy on inpatient and hospital discharged schizophrenics. *Dissertation Abstracts International.* 1984; 44(9-B): 2889-90.
4. Glick ID, Clarkin JF, Spencer JH, Jr., Haas GL, Lewis AB, Peyser J, et al. A controlled evaluation of inpatient family intervention. I. Preliminary results of the six-month follow-up. *Arch Gen Psychiatry.* 1985; 42(9): 882-6.
5. Youssef F. Discharge planning for psychiatric patients: the effects of a family-patient teaching programme. *J Adv Nurs.* 1987; 12(5): 611-6.
6. Drury V, Birchwood M, Cochrane R, MacMillan F. Cognitive therapy and recovery from acute psychosis: A controlled trial: I. Impact on psychotic symptoms. *The British Journal of Psychiatry.* 1996; 169(5): 593-601.
7. Wahass S, Kent G. The modification of psychological interventions for persistent auditory hallucinations to an Islamic culture. *Behavioural and Cognitive Psychotherapy.* 1997; 25(4): 351-64.
8. Haddock G, Tarrier N, Morrison A, Hopkins R, Drake R, Lewis S. A pilot study evaluating the effectiveness of individual inpatient cognitive-behavioural therapy in early psychosis. *Soc Psych Psych Epid.* 1999; 34(5): 254-8.
9. Bach P, Hayes SC. The use of acceptance and commitment therapy to prevent the rehospitalization of psychotic patients: A randomized controlled trial. *J Consult Clin Psych.* 2002; 70(5): 1129-39.
10. Lewis S, Tarrier N, Haddock G, Bentall R, Kinderman P, Kingdon D, et al. Randomised controlled trial of cognitive-behavioural therapy in early schizophrenia: acute-phase outcomes. *Brit J Psychiat.* 2002; 181: S91-S7.
11. Hall PL, Tarrier N. The cognitive-behavioural treatment of low self-esteem in psychotic patients: a pilot study. *Behaviour Research and Therapy.* 2003; 41(3): 317-32.
12. Bechdolf A, Knost B, Kuntermann C, Schiller S, Klosterkötter J, Hambrecht M, et al. A randomized comparison of group cognitive-behavioural therapy and group psychoeducation in patients with schizophrenia. *Acta Psychiat Scand.* 2004; 110(1): 21-8.
13. Startup M, Jackson M, Bendix S. North Wales randomized controlled trial of cognitive behaviour therapy for acute schizophrenia spectrum disorders: Outcomes at 6 and 12 months. *Psychol Med.* 2004; 34(3): 413-22.
14. Gaudio BA, Herbert JD. Acute treatment of inpatients with psychotic symptoms using Acceptance and Commitment Therapy: Pilot results. *Behaviour Research and Therapy.* 2006; 44(3): 415-37.
15. Klingberg S, Wittorf A, Fischer A, Jakob-Deters K, Buchkremer G, Wiedemann G. Evaluation of a cognitive behaviourally oriented service for relapse prevention in schizophrenia. *Acta Psychiat Scand.* 2010; 121(5): 340-50.
16. Moritz S, Veckenstedt R, Randjbar S, Vitzthum F, Woodward TS. Antipsychotic treatment beyond antipsychotics: metacognitive intervention for schizophrenia patients improves delusional symptoms. *Psychol Med.* 2011; 41(9): 1823-32.
17. Boden MT. *Acceptance and Commitment Therapy for the Inpatient Treatment of Psychosis (ACT-IP).* 2013.

18. Gaudio BA. Researching the Effectiveness of Acceptance-Based Coping During Hospitalization (REACH). 2015.
19. Habib N, Dawood S, Kingdon D, Naeem F. Preliminary evaluation of culturally adapted CBT for psychosis (CA-CBTp): Findings from developing culturally-sensitive CBT Project (DCCP). *Behavioural and Cognitive Psychotherapy*. 2015; 43(2): 200-8.
20. Jacobsen P, Peters ER, Chadwick P. Mindfulness-Based Crisis Interventions for patients with psychotic symptoms on acute psychiatric wards (ambITION study). *Pilot and Feasibility Studies*. 2016; 2.
21. Tyrberg MJ, Carlbring P, Lundgren T. Brief acceptance and commitment therapy for psychotic inpatients: A randomized controlled feasibility trial in Sweden. *Nordic Psychology*. 2016: 1-16.
22. Feifel H, Schwartz AD. Group psychotherapy with acutely disturbed psychotic patients. *Journal of Consulting Psychology*. 1953; 17(2): 113-21.
23. Walker RG, Kelley FE. Short-term Psychotherapy with Hospitalized Schizophrenic Patients. *Acta Psychiatr Scand*. 1960; 35(1): 34-56.
24. Bookhammer RS, Meyers RW, Schober CC, Piotrowski ZA. A Five-Year Clinical Follow-Up Study of Schizophrenics Treated by Rosen's "Direct Analysis" Compared with Controls. *Am J Psychiat*. 1966; 123(5): 602-4.
25. Stern MJ, Beck JC, Mack JE. Training nurses to be therapists on a psychiatric inpatient service. *Hospital & Community Psychiatry*. 1972; 23(7): 218-21.
26. Gould E, Garrigues CS, Scheikowitz K. Interaction in hospitalized patient-led and staff-led psychotherapy groups. *Am J Psychother*. 1975; 29(3): 383-90.
27. Serok S, Zemet RM. An experiment of Gestalt group therapy with hospitalized schizophrenics. *Psychotherapy: Theory, Research & Practice*. 1983; 20(4): 417-24.
28. Levene JE, Newman F, Jefferies J. Focal Family Therapy outcome study: I. Patient and family functioning. *The Canadian Journal of Psychiatry / La Revue canadienne de psychiatrie*. 1989; 34(7): 641-7.
29. Hodel B, Brenner H, Merlo M, Teuber J. Emotional management therapy in early psychosis. *The British Journal of Psychiatry*. 1998; 172(Suppl 33): 128-33.
30. Hauff E, Varvin S, Laake P, Melle I, Vaglum P, Friis S. Inpatient psychotherapy compared with usual care for patients who have schizophrenic psychoses. *Psychiatr Serv*. 2002; 53(4): 471-3.
31. Veltro F, Falloon I, Vendittelli N, Oricchio I, Scinto A, Gigantesco A, et al. Effectiveness of cognitive-behavioural group therapy for inpatients. *Clinical Practice and Epidemiology in Mental Health* Vol 2 Jul 2006, ArtID 16. 2006; 2.
32. Schmid GB, Wanderer S. Phantasy therapy: Statistical evaluation of a new approach to group psychotherapy for stationary and ambulatory psychotic patients. *Forsch Komplementmed*. 2007; 14(4): 216-23.
33. Mortan O, Tekinsav Sutcu S, German Kose G. A pilot study on the effectiveness of a group-based cognitive-behavioral therapy program for coping with auditory hallucinations. *Turk Psikiyatri Derg*. 2011; 22(1): 26-34.
34. Owen M, Sellwood W, Kan S, Murray J, Sarsam M. Group CBT for psychosis: A longitudinal, controlled trial with inpatients. *Behaviour Research and Therapy*. 2015; 65: 76-85.
35. Witkowska B. Influence of individual psychological support on the severity of psychopathological symptoms in patients with paranoid schizophrenia. *Archives of Psychiatry and Psychotherapy*. 2015; 17(1): 9-14.
36. Coffey HS. Group psychotherapy. In: *An introduction to clinical psychology*, 2nd ed: 586-606. Ronald Press Company; US, 1954.
37. Goldberg M, Dumas PA, Dinenberg S, Winick W. Comparative effectiveness of analytic and psychodramatic group therapy with psychotics. *Int J Group Psychoth*. 1955; 5: 367-79.
38. Canter AH. Observations on group psychotherapy with hospitalized patients. *Am J Psychother*. 1956; 10: 66-73.

39. Chazan R. A group family therapy approach to schizophrenia. *Israel Annals of Psychiatry & Related Disciplines*. 1974; 12(3): 177-93.
40. Birkhead LM. Techniques for group psychotherapy on inpatient units. *Issues in mental health nursing*. 1984; 6(1-2): 127-42.
41. Cole MB, Greene LR. A preference for activity: A comparative study of psychotherapy groups vs. occupational therapy groups for psychotic and borderline inpatients. *Occupational Therapy in Mental Health*. 1988; 8(3): 53-67.
42. Kelly KM, Sautter F, Tugrul K, Weaver MD. Fostering self-help on an inpatient unit. *Arch Psychiatr Nurs*. 1990; 4(3): 161-5.
43. Aviera A. "Dichos" therapy group: A therapeutic use of Spanish language proverbs with hospitalized Spanish-speaking psychiatric patients. *Cultural Diversity and Mental Health*. 1996; 2(2): 73-87.
44. Linszen DH, Dingemans PM, Scholte WF, Lenior ME, Goldstein M. Early recognition, intensive intervention and other protective and risk factors for psychotic relapse in patients with first psychotic episodes in schizophrenia. *International Clinical Psychopharmacology*. 1998; 13(Suppl 1): S7-S12.
45. Dodd H, Wellman N. Staff development, anxiety and relaxation techniques: A pilot study in an acute psychiatric inpatient setting. *Journal of Psychiatric and Mental Health Nursing*. 2000; 7(5): 443-8.
46. Fell A, Sams N. In-patient groups: Setting up, running and evaluating 'stand alone' groups on adult acute in-patient wards. *Clinical Psychology*. 2004; 42: 5-8.
47. Durrant C, Clarke I, Tolland A, Wilson H. Designing a CBT service for an acute inpatient setting: A pilot evaluation study. *Clinical Psychology & Psychotherapy*. 2007; 14(2): 117-25.
48. Tickle A, Regan E, Moss-Morris B. Stand-alone group work on inpatient wards. *Clinical Psychology Forum*. 2009; 200: 28-33.
49. Lynch K, Berry C, Sirey J. A group-oriented inpatient CBT programme: A pilot study. *the Cognitive Behaviour Therapist*. 2011; 4(1): 38-51.
50. Raune D, Daddi I. Pilot Study of Group Cognitive Behaviour Therapy for Heterogeneous Acute Psychiatric Inpatients: Treatment in a Sole-Standalone Session Allowing Patients to Choose the Therapeutic Target. *Behavioural and Cognitive Psychotherapy*. 2011; 39(03): 359-65.
51. Steiner J, Harland R. Experimenting with groups in a locked general psychiatry ward. *Psychoanalytic Psychotherapy*. 2011; 25(1): 16-27.
52. Heriot-Maitland C, Vidal JB, Ball S, Irons C. A compassionate-focused therapy group approach for acute inpatients: Feasibility, initial pilot outcome data, and recommendations. *British Journal of Clinical Psychology*. 2014; 53(1): 78-94.
53. Nikolitch K, Laliberte V, Yu C, Strychowsky N, Segal M, Looper KJ, et al. Tolerability and suitability of brief group mindfulness-oriented interventions in psychiatric inpatients: A pilot study. *International Journal of Psychiatry in Clinical Practice*. 2016; 20(3): 170-4.
54. Boyd JH. The interaction of family therapy and psychodynamic individual therapy in an inpatient setting. *Psychiatry*. 1979; 42(2): 99-111.
55. Cole SA. Family treatment during brief hospitalization. In: *Less time to do more: Psychotherapy on the short-term inpatient unit*: 59-88. American Psychiatric Association; US, 1993.
56. Ahmed M, Bayog F, Boisvert CM. Computer-facilitated therapy for inpatients with schizophrenia. *Psychiatr Serv*. 1997; 48(10): 1334-5.
57. Kerr IB. Brief cognitive analytic therapy for post-acute manic psychosis on a psychiatric intensive care unit. *Clinical Psychology & Psychotherapy*. 2001; 8(2): 117-29.
58. Freemantle B, Clarke I. Making sense of psychosis in crisis. In: *Cognitive behaviour therapy for acute inpatient mental health units: Working with clients, staff and the milieu*: 84-91. Routledge/Taylor & Francis Group; US, 2009.
59. Dublin JE. Gestalting psychotic persons. *Psychotherapy: Theory, Research & Practice*. 1973; 10(2): 149-52.

60. Ginsburg RD. Challenges for trainees on in patient units. *The Clinical Supervisor*. 2000; 19(1): 199-204.
61. Mansell C, Fadden G. Meeting the needs of families on inpatient units. In: *A casebook of family interventions for psychosis* (eds F Lobban, C Barrowclough): 259-83. Wiley-Blackwell 2009.
62. Cooper P. Using Writing as Therapy: Finding identity. *The British Journal of Occupational Therapy*. 2014; 77(12): 619-22.
63. Holma J, Aaltonen J. The sense of agency and the search for a narrative in acute psychosis. *Contemporary Family Therapy: An International Journal*. 1997; 19(4): 463-77.
64. Gonzalez de Chavez M, Gutierrez M, Ducaju M, Fraile JC. Comparative study of the therapeutic factors of group therapy in schizophrenic inpatients and outpatients. *Group Analysis*. 2000; 33(2): 251-64.
65. York M. A qualitative study into the experience of individuals involved in a mindfulness group within an acute inpatient mental health unit. *Journal of Psychiatric and Mental Health Nursing*. 2007; 14(6): 603-8.