

**Form B:
Unanswered questions and uncertainties about the treatment
of schizophrenia**

James Lind Alliance Schizophrenia Priority Setting Partnership

(Please see **Form A** for instructions on shortlisting the unanswered questions and areas of uncertainty you think should be prioritised for research)

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ID	Uncertainties/Unanswered Questions
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141	Anticholinergic medication for neuroleptic-induced tardive dyskinesia
142	Anticholinergics for neuroleptic-induced acute akathisia
29	Anticholinergics for neuroleptic-induced parkinsonism
3	Switching of antipsychotic medications for people with schizophrenia who have neuroleptic induced weight or metabolic problems
89	Are antipsychotics bad for my sleep
63	Are side effects of antipsychotics proportional to their effectiveness?
91	Are the adverse effects of antipsychotic drugs worse in the morning?
93	Are there long term adverse effects of Electroconvulsive Therapy (ECT) for schizo-affective disorders
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197	Calcium channel blockers for neuroleptic-induced tardive dyskinesia
74	Can overdose/misuse of antipsychotic drugs cause psychotic symptoms?
75	Can too high a dose of antipsychotic cause psychotic symptoms?
200	Central action beta-blockers versus placebo for neuroleptic-induced acute akathisia
100	Do antipsychotic drugs cause permanent physical adverse effects?
101	Do antipsychotic drugs make learning difficult?
76	Do the adverse effects of antipsychotic drugs outweigh the benefits?
104	Does Electroconvulsive Therapy (ECT) for schizophrenia cause memory loss?
45	Does poly-pharmacy in older patients with severe mental illness cause greater adverse events?
49	Does risperidone worsen psoriasis?
86	Does Tegretol cause balance problem in schizophrenia?
209	Gamma-aminobutyric acid agonists for neuroleptic-induced tardive dyskinesia
214	Interventions to reduce weight gain in schizophrenia
38	Is olanzapine dangerous in patients with hyperglycaemia?
65	Is procyclidine effective in treating tardive dyskinesia if taken in conjunction with antipsychotics?
55	Is there an effective drug to treat akathisia as a side effect of long term antipsychotic medication?
110	Long term adverse effects of antipsychotic medication
67	Long term adverse effects of clozapine



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Don't suffer
in silence
Talk to your
GP or a mental health professional

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Be serious
about your
mental health



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ID	Uncertainties/Unanswered Questions
ADVERSE EFFECTS	
111	Long term effects of antipsychotic drugs on kidneys
69	Long term side effects of amisulpride for schizophrenia
218	Management of sexual dysfunction due to antipsychotic drug therapy
223	Neuroleptic reduction and/or cessation and neuroleptics as specific treatments for tardive dyskinesia
225	Non-neuroleptic catecholaminergic drugs for neuroleptic-induced tardive dyskinesia
82	Oculogyric crisis in antipsychotic treatment of schizophrenia
57	Pharmacological interventions for clozapine-induced hypersalivation
70	Should I be more concerned about adverse effects from antipsychotic drugs with late onset of psychosis?
46	What are the long term adverse metabolic effects of antipsychotic medication?
61	What are the long term side effects of tranquillizers taken with antipsychotics in the treatment of schizophrenia?
73	Would changes in my antipsychotic medication help my concentration improve?
CARE PACKAGE / SETTING OF CARE	
116	Acute day hospitals compared to other acute service provision, such as crisis resolution and home treatment teams for serious mental illness
140	Advance treatment directives for people with severe mental illness
127	Are general practice teams useful in crisis management of people with schizophrenia?
92	Are there benefits of hospital treatment compared to home care treatment for psychotic episodes?
151	Assertive community treatment for people with severe mental disorders in the UK
155	Ayurvedic medicine for schizophrenia
199	Case management for people with severe mental disorders
279	Clinical and economic effectiveness, including the impact upon quality of life, of community mental health teams compared with other ways of delivering care for people with schizophrenia
289	Clinical, social and economic outcomes, including quality of life and the methods and effects of risk monitoring, of treatment by acute day hospitals, assertive outreach teams, in-patient units, and crisis resolution and home treatment teams
167	Community Mental Health Teams (CMHTs) for people with severe mental illnesses and disordered personality

ID	Uncertainties/Unanswered Questions
CARE PACKAGE / SETTING OF CARE	
168	Community Mental Health Teams (CMHTs) trained to deliver specialist treatment, compared to specialist teams (e.g. Crisis Resolution, Home Treatment, and Early Intervention), for serious mental illness
206	Compulsory community and involuntary outpatient treatment for people with severe mental disorders
123	Ethnically specific and specialist services for people with schizophrenia
238	Individual and organisational staff training in cultural competence to improve service user's experience of care and chance of recovery, and reduce staff burnout
7	Intensive Case Management for severe mental illness
221	Mother and baby units for schizophrenia
134	The role of case registers in the long term management of people with schizophrenia in general practice
17	Treatment delivery using information and communication technology for people with schizophrenia
233	Twenty-four hour care for schizophrenia
62	What is the best way to treat people with schizophrenia unresponsive to treatment?
239	Would language skills development for those with English as a second language using mental health services be better than using interpreters?
293	Would patients with a diagnosis of schizophrenia have better response if they were managed at home rather than being admitted to hospital?
294	Does hospital treatment facilitate the development of supportive relationships?
DIET	
99	Diet and dietary supplements for schizophrenia
106	Fish oil for schizophrenia
DRUGS	
125	Acetylcholinesterase inhibitors for schizophrenia
190	Antidepressants for people with both schizophrenia and depression
143	Antidepressants for the negative symptoms of schizophrenia
126	Antiglucocorticoid and related treatments for psychosis
144	Antipsychotic drug discontinuation phenomena
192	Antipsychotic drugs for non-affective psychosis during pregnancy and postpartum

ID	Uncertainties/Unanswered Questions
DRUGS	
90	Are doctors favouring different drugs for the same condition on the basis of financial incentives?
150	'As required' medication regimens for seriously mentally ill people in hospital
117	Augmentation of antipsychotic monotherapy with lithium where a schizophrenic illness has shown only a partial response
153	Augmentation of antipsychotic monotherapy with sodium valproate where a schizophrenic illness has shown only a partial response
156	Benzodiazapines for catatonia in persons with schizophrenia and other serious mental illnesses
157	Benzodiazepines and antipsychotic drugs for urgent urgent sedation/control of acute behavioural disturbance
159	Benzodiazepines for psychosis-induced aggression or agitation
160	Benzodiazepines for schizophrenia
196	Beta-blocker supplementation of standard drug treatment for schizophrenia
161	Carbamazepine for schizophrenia
201	Cessation of medication for people with schizophrenia already stable on chlorpromazine
203	Chlorpromazine dose for people with schizophrenia
163	Clinical efficacy, safety and acceptability of combined antipsychotics (including clozapine) for schizophrenia when monotherapy has proved unsatisfactory
204	Clotiapine for acute psychotic illnesses
95	Clotiapine for schizophrenia
119	Clozapine against other atypicals for treatment-resistant schizophrenia
166	Combining antipsychotics to treat schizophrenia that has proved to be poorly responsive to adequate trials of antipsychotic monotherapy
122	Depot/long-acting injectable antipsychotic preparations for schizophrenia
174	Direct comparisons between atypical antipsychotics for schizophrenia
64	Do individual metabolic differences influence outcomes treatment in schizophrenia? In what way?
102	Do Omega 3 supplements alleviate psychotic symptoms?
32	Do patients who are withdrawing from olanzapine, taken for schizophrenia, experience withdrawal symptoms after more than 5 years of treatment?
33	Does variation in treatment for patients with psychosis, which is often trial and error, affect compliance?



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ID	Uncertainties/Unanswered Questions
DRUGS	
154	Efficacy and cost-effectiveness of augmentation of clozapine monotherapy with an appropriate second antipsychotic where a refractory schizophrenic illness has shown only a partial response to clozapine
208	Estrogen for schizophrenia
77	Evening Primrose oil for schizophrenia
210	Glutamatergic drugs for schizophrenia
211	Haloperidol dose for the acute phase of schizophrenia
178	Haloperidol versus chlorpromazine for schizophrenia
130	How satisfied are patients with schizophrenia with the drug they take for their illness
35	In people with chronic schizophrenia who have to stop clozapine, what is the most appropriate choice of antipsychotic in terms of symptom control and quality of life?
8	Intermittent drug techniques for schizophrenia
9	Interventions for obsessive compulsive symptoms in people with schizophrenia
131	Is Clozapine particularly effective in reducing hostility, violence and reducing suicide rates in schizophrenia?
66	Is risperidone less likely than other antipsychotic drugs to cause tardive dyskinesia?
80	Is the effect of antipsychotic medication altered by illicit drug use or excessive alcohol consumption?
215	Lamotrigine for schizophrenia
11	Levomepromazine for schizophrenia
217	Lithium for schizophrenia
12	Maintenance treatment with antipsychotic drugs for schizophrenia
21	My daughter is taking olanzapine for schizophrenia. Could I give her Nytol (diphenhydramine) and olanzapine?
23	My son has schizophrenia. He was on Clozapine and transferred to aripiprazole. He's now becoming unwell. Is it better to switch straight back to clozapine, taper the doses or combine the two?
224	Nicotine for schizophrenia
226	Oral fluphenazine versus placebo for schizophrenia
180	Paliperidone for schizophrenia
181	Perazine for schizophrenia
13	Pericyazine for schizophrenia
247	Respective risk/long-term benefit of antipsychotic medication for those with schizophrenia, including effects upon relapse rates and persistent symptoms, and cost-effectiveness
20	Risperidone versus olanzapine for schizophrenia

ID	Uncertainties/Unanswered Questions
DRUGS	
137	Safety/tolerability and patient acceptability of low dose antipsychotic medication for people with schizophrenia
40	Sultopride for schizophrenia
139	Testosterone for schizophrenia
185	Utility, acceptability and safety of available drugs for urgent sedation (including atypical antipsychotics) for psychosis
245	Utility, acceptability and safety of available drugs for urgent sedation/control of acute behavioural disturbance (including benzodiazepines and antipsychotics), in settings that reflect current clinical practice, and systematically manipulating dosage and frequency of drug administration
83	Vitamin B for schizophrenia
41	What are the indications for discontinuing medication in patients with schizophrenia?
87	What is the best way of responding, in the short term, to severe challenging behaviour and agitation in relation to the use of anti-psychotics in schizophrenia?
124	What is the experience for patients of drug treatments, both conventional and atypical antipsychotics, for schizophrenia?
115	What treatments are best for insomnia whilst taking antipsychotic drugs for schizophrenia?
EXERCISE	
25	Does activity scheduling and physical exercise increase well being of patients with schizophrenia?
6	Exercise therapy for schizophrenia
HEALTH	
272	Clinical and cost-effectiveness of cardiovascular screening of people with schizophrenia in primary care
274	Clinical and cost-effectiveness of interventions for weight management for people with schizophrenia in primary care
273	Clinical and cost-effectiveness of monitoring the physical health of people with schizophrenia
275	Clinical and cost-effectiveness of primary prevention of coronary heart disease for people with schizophrenia in primary care

ID	Uncertainties/Unanswered Questions
MANAGEMENT ISSUES	
170	Containment strategies for people with serious mental illness
128	Does staff training in cultural competence at an individual and organisational level improve the experience of care and chance of recovery from schizophrenia in Black and Minority Ethnic groups, and reduce staff burnout?
107	How do we improve adherence to oral antipsychotic drugs?
132	Language skills development for those with English as a second language against using interpreters for those with schizophrenia
216	Length of hospitalisation for people with severe mental illness
228	Patient held clinical information for people with psychotic illnesses
231	Prompts to encourage appointment attendance for people with serious mental illness
184	The role of non-pharmacological treatments in behavioural control as an alternative to rapid tranquillisation for schizophrenia
135	Which ethnic, religious, language or racial identity factors hinder engagement for people with schizophrenia from Black and Minority Ethnic groups?
24	Which is the best way to manage aggression in schizophrenia?
PHYSICAL TREATMENTS OTHER THAN DRUGS	
94	Can a non-pharmaceutical treatment be the primary one for psychosis?
85	Can non-pharmaceutical treatment be used as a primary intervention in psychosis?
249	Clinical and cost-effectiveness of augmenting antipsychotic monotherapy with an antidepressant to treat persistent negative symptoms
105	ECT for schizophrenia
78	Interventions for insomnia in conjunction with antipsychotic drug use
27	Is Electroconvulsive Therapy (ECT) advised to treat mood disorders in people with schizophrenia?
108	Is Electroconvulsive Therapy (ECT) over the long term effective in treating schizophrenia?
39	Is there any value in treatments such as Deep Brain Stimulation (DBS) or psychosurgery for people with severe mental illness?
16	Transcranial Magnetic Stimulation (TMS) for schizophrenia
84	What are my future treatment options for my schizophrenia when the medicine has not helped?
42	What is the benefit of Transcranial Magnetic Stimulation (TMS) for schizophrenia?



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Non-pharmaceutical
or medical
treatment options

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mental illness



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ID	Uncertainties/Unanswered Questions
STAGE OF ILLNESS	
136	A co-ordinated approach of primary and secondary care in the early diagnosis and management of schizophrenia
191	Antipsychotic drug treatment for elderly people with late-onset schizophrenia
145	Antipsychotic drugs for older people with schizophrenia
146	Antipsychotic drugs for younger people with psychosis
147	Antipsychotic drugs in first episode of schizophrenia
148	Antipsychotic medication for childhood-onset schizophrenia
2	Antipsychotic medication for early episode schizophrenia
277	Can people with schizophrenia be diagnosed earlier by GPs, and can the management of first episode psychosis be carried out in general practice?
121	Cognitive Behavioural Therapy (CBT) in the first episode of schizophrenia and those at risk of relapse
50	Does social support in the early acute phase of schizophrenia help reduce relapse?
243	Efficacy and safety/tolerability and patient acceptability of the available antipsychotic drugs in individuals in their first episode of schizophrenia, testing the risk-benefit of dosage at the lower end of the recommended dosage range
177	Family interventions for the families of people with schizophrenia presenting for the first time
10	Interventions for psychosis in adolescents
54	Is the use of antipsychotic drugs in elderly patients more dangerous?
56	Once an antipsychotic medication is started for someone for a first episode of psychosis, how long do they need to keep taking them before we can start reducing the dose or consider stopping medication?
133	Pre-identification services, including assessment and diagnosis and early engagement, for racial and ethnic groups with schizophrenia
58	What are the effects of antipsychotic drugs and/or psychological interventions in early onset schizophrenia?
59	What are the effects of antipsychotic drugs on children with early symptoms of schizophrenia?
291	What is the best way to give a diagnosis of schizophrenia to a person?

ID	Uncertainties/Unanswered Questions
THERAPY	
30	Are antipsychotic drugs more effective when combined with a mood stabilizer in severe mental illness?
31	Are psychological interventions less effective in older people with severe mental illness?
43	Are social activities beneficial for schizophrenia?
257	Clinical and cost-effectiveness of arts therapies compared to an active control (for example, sham music therapy) in people with schizophrenia
276	Clinical and cost-effectiveness of delivering recommended psychological interventions in general practice, especially Cognitive Behaviour Therapy (CBT) and family intervention
264	Clinical and cost-effectiveness of long term cognitive remediation compared to an appropriate control in people with schizophrenia
265	Clinical and cost-effectiveness of long term vocational rehabilitation plus cognitive remediation compared to vocational rehabilitation alone in people with schizophrenia
286	Clinical, economic, quality of life, self-esteem and occupational effectiveness of supported employment for people with schizophrenia
261	Cognitive Behaviour Therapy (CBT) delivered by highly trained therapists and mental health professionals compared to brief training of therapists in people with schizophrenia?
5	Cognitive Behaviour Therapy (CBT) versus standard care for schizophrenia
205	Cognitive rehabilitation for people with schizophrenia and related conditions
236	Culturally adapted Cognitive Behavioural therapy (CBT) for African-Caribbean people with schizophrenia where they are refusing, or intolerant of, medication
207	Dance Therapy for schizophrenia
47	Do psychological therapies decrease dependence on standard medication and promote full recovery in severe mental illness?
44	Do psychological therapies decrease relapse and re-hospitalizations in patients with severe mental illness?
267	Does ethnically adapted family intervention for schizophrenia (adapted in consultation with BME groups to better suit different cultural and ethnic needs) enable more people in BME groups to engage with this therapy, and show concomitant reductions in patient relapse rates and carer distress?

ID	Uncertainties/Unanswered Questions
THERAPY	
48	Does family therapy for schizophrenia reduce relapse?
175	Drama Therapy for schizophrenia or schizophrenia-like illnesses
270	Efficacy of contemporary forms of psychodynamic therapy when compared to standard care and other active psychological and psychosocial interventions for people with schizophrenia
34	Environmental enrichment for schizophrenia
51	Family therapy for schizophrenia
179	Interventions to improve compliance with treatment in schizophrenia
79	Is bibliotherapy effective for relieving psychotic symptoms?
37	Is Cognitive Behavioural Therapy (CBT) equally effective for all psychiatric conditions?
53	Is counselling adequate for schizophrenia?
219	Monetary incentives for schizophrenia
220	Morita therapy for schizophrenia
1	Motivational interventions for drug and alcohol use in schizophrenia
222	Music therapy for schizophrenia or schizophrenia-like illnesses
113	One-to-one psychological therapy versus group interventions for schizophrenia
114	Person centred counselling for psychosis
182	Problem solving skills for schizophrenia
232	Psychoeducation for schizophrenia
183	Psychological and psychosocial interventions for people with schizophrenia from specific ethnic groups
14	Rehabilitation programmes for schizophrenia
138	Supportive therapy for schizophrenia
71	Teaching cognitive psychology/psychotherapy to people with schizophrenia
15	Training to recognise the early signs of recurrence in schizophrenia
262	What competencies are required to deliver effective Cognitive Behaviour Therapy (CBT) to people with schizophrenia?
268	What competencies are required to deliver effective family intervention to people with schizophrenia and their carers?
186	What is the impact of family interventions on the symptoms of schizophrenia?
258	What is the most appropriate duration and number of sessions for arts therapies in people with schizophrenia?
260	What is the most appropriate duration and number of sessions for Cognitive Behaviour Therapy (CBT) in people with schizophrenia?

ID	Uncertainties/Unanswered Questions
THERAPY	
187	Which are the most beneficial types of work-related day-time activities for schizophrenia and other serious mental health problems?
188	Which individuals with schizophrenia would most benefit from Family Interventions?
72	Which is the best psychotherapy for the treatment of psychosis?
292	Do patients who receive a treatment they request for schizophrenia have better outcomes?
295	What is the best way for staff to provide good, continuous relationships with patients with schizophrenia?
296	What is the most useful talking therapy for someone with schizophrenia?
297	Would teaching patients with schizophrenia to live with their voices have better outcomes?
298	Would giving patients with schizophrenia the opportunity to talk about previous childhood abuse or bullying help them recover?
299	What is the best way to engage family and friends for patients with schizophrenia?
300	Do patients who seek out care which is less medical have better outcomes than those who are treated solely by health professionals?
301	What is the best way to engage patients with schizophrenia in their treatment?
COMPLEMENTARY THERAPY	
88	Acupuncture for schizophrenia
202	Chinese herbal medicine for schizophrenia
98	Complementary therapies for schizophrenia
212	Hypnosis for schizophrenia
81	Meditation and yoga for schizophrenia
60	What are the effects of complementary therapies for schizophrenia?
UNCLASSIFIED - OTHER	
103	Does belonging to a religious movement help my schizophrenia?
230	Pharmacological treatments for psychosis-related polydipsia

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