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## APPENDIX 16: ECONOMIC EVIDENCE:

### EVIDENCE TABLES OF PUBLISHED STUDIES

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### Abbreviations

CBT	cognitive behavioural therapy
GAF	Global Assessment of Functioning
HAM-A	Hamilton Anxiety Rating Scale
OASIS	Outreach and Support in South London
QLS	Quality of Life Scale
RCT	randomised controlled trial
SANS	Scale for the Assessment of Negative Symptoms
YMRS	Young Mania Rating Scale

## Published studies

Study ID Country Study type	Intervention details	Study population Study design Data sources	Costs: description and values Outcomes: description and values	Results: cost effectiveness	Comments
Phillips <i>et al.</i> , 2009; Australia  Cost minimisation analysis	Specific preventive intervention; consisting of a combination of risperidone and cognitive-oriented psychotherapy in addition to 'needs-based' intervention  Needs-based intervention	<i>Population:</i> Young people at ultra high risk of developing first episode of psychosis  <i>Study design:</i> randomised controlled trial (RCT)  <i>Data sources on outcome and resource use:</i> RCT and follow-up study of young people attending the Personal Assessment and Crisis Evaluation (PACE) Clinic in Melbourne, Australia.  <i>Source of unit costs:</i> local and national costs	<i>Costs included:</i> Intervention costs Outpatient costs Inpatient costs Pharmacology costs Needs-based treatment (supportive counselling, case management)  <i>Cost per person - 0-6 months:</i> Specific preventive intervention: \$AUS 3,078 Needs-based intervention: \$AUS 2,488 <i>p</i> value: 0.117  <i>Cost per person - 6-12 months:</i> Specific preventive intervention: \$AUS 1,800 Needs-based intervention: \$AUS 1,429 <i>p</i> value: 0.764  <i>Cost per person - 12-36 months:</i> Specific preventive intervention: \$AUS 5,668 Needs-based intervention: \$AUS 11,614	<i>Transition probability to psychosis (GAF, Brief Psychiatric Rating Scale for Psychosis, HAM- A, HAM-D, QLS, SANS, YMRS):</i> No significant difference	<i>Perspective:</i> Health sector <i>Currency:</i> Australian Dollar <i>Cost year:</i> 1997 <i>Time horizon:</i> 36 months <i>Discounting:</i> Yes <i>Discount rate:</i> 3% <i>Applicability:</i> Partially applicable <i>Quality:</i> Potentially serious limitations

			<p><i>p</i> value: 0.103</p> <p>Primary outcome: Transition probability to psychosis (Global Assessment of Functioning - GAF), Hamilton Anxiety Rating Scale [HAM-A], Hamilton Depression Rating Scale [HAM-D], Quality of Life Scale [QLS], Scale for the Assessment of Negative Symptoms [SANS], Young Mania Rating Scale [YMRS])</p>		
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Study ID Country Study type	Intervention details	Study population Study design Data sources	Costs: description and values Outcomes: description and values	Results: cost effectiveness	Comments
Valmaggia <i>et al.</i> , 2009; UK  Cost effectiveness analysis	Early intervention consisting of information about the symptoms, practical and social support, and the offer of cognitive behavioural therapy (CBT) and medication (a low-dose antipsychotic or an antidepressant)  Care as usual	<p><i>Population:</i> people at high risk of developing psychosis</p> <p><i>Study design:</i> decision analytic model</p> <p><i>Data sources on outcome and resource use:</i> Outreach and Support in South London (OASIS), a clinical service for people with an at risk mental state located in south London (naturalistic study on 114 patients). Lambeth Early Onset (LEO), an early</p>	<p><i>Costs included:</i></p> <p>Intervention costs Initial GP visit Outpatient care (including community mental health teams contacts) Informal inpatient stay Formal inpatient stay Costs incurred during duration of untreated psychosis Sectioning cost Psychologist Community psychiatric nurse Social worker CBT session Medication cost OASIS intervention cost</p>	<p><i>Incremental cost per person avoiding psychosis at 24 months:</i> £6,853</p>	<p><i>Perspective:</i> NHS and societal</p> <p><i>Currency:</i> £ UK <i>Cost year:</i> 2004 <i>Time horizon:</i> 2 years <i>Discounting:</i> No <i>Applicability:</i> Partially applicable <i>Quality:</i> Potentially serious limitations</p>

		<p>intervention team for people with first episode psychosis in the same geographical area of south London</p> <p><i>Source of unit costs:</i> National published sources</p>	<p>Care as usual (Lost productivity cost available) <i>Costs per person - 24 months:</i> Early intervention: £4,313 Care as usual: £3,285</p> <p><i>Primary outcome:</i> Probability of avoiding transition to psychosis</p> <p><i>Probability of transition to psychosis:</i> Early intervention: 0.20 Care as usual: 0.35</p>		
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## References

Phillips, L. J., Cotton, S., Mihalopoulos, C., *et al.* (2009) Cost implications of specific and non-specific treatment for young persons at ultra high risk of developing a first episode of psychosis. *Early Intervention in Psychiatry*, 3, 28-34.

Valmaggia, L. R., McCrone, P., Knapp, M., *et al.* (2009) Economic impact of early intervention in people at high risk of psychosis. *Psychological Medicine*, 39, 1617-1626.