## Additional File 3. Assessing Studies using an Economic Appraisal Checklist

Study	Question <sup>a</sup>									
	Q 1	Q 2	Q 3	Q 4	Q 5	Q 6	Q 7	Q 8	Q 9	
Adi (2007) [1]	Yes	Yes	Yes⁵	Yes	Yes	Yes	No	Yes	Yes	
Barnett (1999) [2]	Yes	Yes	Yes	No	No	No	Yes	No	Yes	
Barnett (2001) [3]	Yes	Yes	No	Yes	Yes	Can't tell	Yes	Yes	Yes	
Clay (2014) (abstract) [4, 5]	Yes	No	No	Can't tell	Can't tell	Can't tell	No	No	No	
Connock (2007) [6]	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	
Fowler (2013) (abstract) [7]	Yes	No	No	Can't tell	Can't tell	Can't tell	Can't tell	Can't tell	Yes	
Masson (2004) [8]	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	

Study	Question <sup>a</sup>									
	Q 1	Q 2	Q 3	Q 4	Q 5	Q 6	Q 7	Q 8	Q 9	
Miller (2004) [9]	Yes	Yes	Yes	Yes	Yes	No	No	No	Yes	
Negrin (2006) [10]	No	No	Yes	No	No	No	No	No	No	
Schackman (2012) [11]	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	
Schering-Plough (2007) [12]	Yes	Yes	Yes <sup>c</sup>	Can't tell	Can't tell	Can't tell	No	Yes	Yes	
Sheerin (2004) [13]	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	
SMC (2007) [14]	Yes	No	Yes	No	Can't tell	Can't tell	Can't tell	Yes	Yes	
Stephen (2012) [15]	Yes	Yes	Yes	Yes	Yes	No	No	Yes	No	
Tran (2012) [16]	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	
Zaric (2000) [17]	Yes	No	Yes	Yes	Yes	Can't tell	Yes	Yes	Yes	

Study	Question <sup>a</sup>								
	Q 1	Q 2	Q 3	Q 4	Q 5	Q 6	Q 7	Q 8	Q 9
Zaric (2000) [18]	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Zarkin (2005) [19]	Yes	No	Yes	Yes	No	No	Yes	No	Yes

<sup>a</sup>Questions:

1. Was a well-defined question posed in an answerable form?

2. Was a comprehensive description of the competing alternatives given?

3. Was there evidence that the programme's effectiveness had been established?

4. Were all the important and relevant outcomes and costs for each alternative identified?

5. Were outcomes and costs measured accurately, in appropriate units prior to evaluation?

6. Were the outcomes and costs valued credibly?

7. Were the outcomes and costs adjusted for different times at which they occurred (discounting)?

8. Was an incremental analysis of the outcomes and costs of alternatives performed?

9. Was a sensitivity analysis performed?

<sup>b</sup> quality of included randomised controlled trials was 'poor to moderate'

<sup>c</sup> from one randomised controlled trial

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