CHEERS Checklist Items to include when reporting economic evaluations of health interventions

The ISPOR CHEERS Task Force Report, Consolidated Health Economic Evaluation Reporting Standards (CHEERS)-Explanation and Elaboration: A Report of the ISPOR Health Economic Evaluations Publication Guidelines Good Reporting Practices Task Force, provides examples and further discussion of the 24-item CHEERS Checklist and the CHEERS Statement. It may be accessed via the Value in Health or via the ISPOR Health Economic Evaluation Publication Guidelines - CHEERS: Good Reporting Practices webpage: http://www.ispor.org/TaskForces/EconomicPubGuidelines.asp

Section/item		Recommendation	Reported
	No		on page No/ line No
Title and abstract			P1 (modeling
Title	1	Identify the study as an economic evaluation or use more specific terms such as "cost-effectiveness analysis", and describe the interventions compared.	P1 (modeling of Leath costs)
Abstract	2	Provide a structured summary of objectives, perspective, setting, methods (including study design and inputs), results (including base case and uncertainty analyses), and conclusions.	PI as per journal requirements
Introduction			7P7 first 3 paras
Background and	3	Provide an explicit statement of the broader context for the study.	
objectives		study. Present the study question and its relevance for health polic practice decisions.	y or P paras 4+5
Methods			21
Target population and	4	Describe characteristics of the base case population and	2nd para of Methods, Also 5th pa
subgroups Setting and location	5	subgroups analysed, including why they were chosen. State relevant aspects of the system(s) in which the decision	pa
Seming and rocation	5	need(s) to be made.	Methods, espendly Table
Study perspective	6	Describe the perspective of the study and relate this to the	23.1
	_		Methods, Para 1
Comparators	7	Describe the interventions or strategies being compared and state why they were chosen.	ble I, intervention deta
Time horizon	8	State the time horizon(s) over which costs and consequence are being evaluated and say why appropriate.	s Methods para 1
		are being evaluated and say why appropriate.	o sceneros in lable
Discount rate	9	Report the choice of discount rate(s) used for costs and outcomes and say why appropriate.	ethods, para Z
Choice of health	10	Describe what outcomes were used as the measure(s) of	Methods, specifically
outcomes		Describe what outcomes were used as the measure(s) of benefit in the evaluation and their relevance for the type of analysis performed.	Table I re QALYS and cost
Measurement of	11a	Single study-based estimates: Describe fully the design	
effectiveness		features of the single effectiveness study and why the single study was a sufficient source of clinical effectiveness data.	Not approable
			Not approable used meta-analys for effect size
			for the time



	11b	Synthesis-based estimates: Describe fully the methods used for Table 1 on P6 identification of included studies and synthesis of clinical re Cochrane Review effectiveness data.
Measurement and valuation of preference based outcomes	12	If applicable, describe the population and methods used to Methods, para 1 on elicit preferences for outcomes. disability weights. Also Table 1.
Estimating resources and costs	13a	Single study-based economic evaluation: Describe approaches used to estimate resource use associated with the alternative interventions. Describe primary or secondary research methods for valuing each resource item in terms of its unit cost.
	13b	Describe any adjustments made to approximate to opportunity costs. Model-based economic evaluation: Describe approaches and data sources used to estimate resource use associated with model health states. Describe primary or secondary research methods for valuing each resource item in terms of its unit cost. Describe any adjustments made to approximate to opportunity costs.
Currency, price date, and conversion	14	Report the dates of the estimated resource quantities and unit costs. Describe methods for adjusting estimated unit costs to the year of reported costs if necessary. Describe methods for converting costs into a common currency base and the
Choice of model	15	Describe and give reasons for the specific type of decision- analytical model used. Providing a figure to show model structure is strongly recommended. Describe all structural or other assumptions underninning the
Assumptions	16	Describe all structural or other assumptions underpinning the decision-analytical model. Thoughout the Methods
Analytical methods	17	decision-analytical model. Describe all analytical methods supporting the evaluation. This thought the could include methods for dealing with skewed, missing, or censored data; extrapolation methods; methods for pooling data; approaches to validate or make adjustments (such as half extrapolation) to a model; and methods for handling population heterogeneity and uncertainty.
Results		
Study parameters	18	Report the values, ranges, references, and, if used, probability distributions for all parameters. Report reasons or sources for of Tabk 1 has distributions used to represent uncertainty where appropriate. Providing a table to show the input values is strongly recommended.
Incremental costs and outcomes	19	For each intervention, report mean values for the main categories of estimated costs and outcomes of interest, as well as mean differences between the comparator groups. If applicable, report incremental cost-effectiveness ratios. Table 2 - Table 3
Characterising uncertainty	20a	Single study-based economic evaluation: Describe the effects of sampling uncertainty for the estimated incremental cost and incremental effectiveness parameters, together with the impact



For consistency, the CHEERS Statement checklist format is based on the format of the CONSORT statement checklist

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