Delfini Evidence Tool Set Health Care Economic Study Evaluation Tool

Intervention: generic (brand name):

Indication (FDA approved, unapproved):

Has efficacy/effectiveness of the intervention been established? If no, caution:

Study Reference:

PICOTS:

Affiliations or involvement of note (e.g., manufacture involvement or funding):

Date: Reviewer:

Consideration		Study Details and Reviewer's Critique	Flag
1.	Study Aim/Objectives		
2.	Perspective (e.g., viewpoints of the		
	community, patients, third-party payers etc.)		
3.	Study Design & Validity		
•	Randomized controlled trial, systematic		
	review, observation, model, etc.		
•	Apply appropriate critical appraisal		
	considerations for study type		
•	Consider heterogeneity if multiple studies used		
4.	Outcomes Evaluated		
•	Evaluate meaningful clinical benefit including		
	the appropriateness of outcomes used in the		
	study as measures of effectiveness.		
-	Was the appropriate type of economic analysis, e.g., cost-effectiveness, cost-benefit,		
	cost-utility) utilized?		
5.	Comparators Used/Alternatives		
•	If comparisons are being made, are they		
	reasonable and valid?		
•	Are reasonable alternatives identified?		
6.	Population Considerations		
•	Consider such factors as relevance of		
	population, prevalence, risk, etc.		
-	Might an imbalance in groups make costs		
	falsely appear better? (e.g., missing data,		
	differences in dosing or duration, loss of		
	patients)?		
7.	Mortality Data		
•	If mortality is utilized as part of the cost		
	analysis (e.g., use of QALY), how was mortality		
0	determined and is the mortality data valid?		
8.	Modeling Appropriate and useful model for cost analysis		
-	Appropriate and useful model for cost-analysis performed?		
9.	Assumptions		
J. ■	Was the best evidence, information or		
	reasonable assumptions included in the		
	model?		
10.	Other Validity Considerations		
	Cost		
•	What costs were considered (e.g., screening,		
	diagnosis, treatment, follow-up, maintenance,		
	harms, duration, etc.) and under what		
	conditions		
•	What was the basis for assigning cost		

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	amounts? What currency (e.g., US), year and discounting was applied? What utilities were used and what threshold? Other important factors		
	Sensitivity Analysis Were appropriate sensitivity analyses performed? Consider assumptions and dependencies. Consider impacts from a change in the factors to which the results are		
13.	most sensitive. Limitations Were limitations reported by authors? Do limitations raise concern regarding validity and usefulness?		
15.	Other Remarks Transparency/Replicability Quality Grade assigned to study by reviewer		
17.	Reason for grade assignment Results (consider confidence intervals if		
19.	usefulness Consider perspective, applicability, locale, currency, prevalence, bases of cost, use of unit values, utilities, discounting, reasonableness of thresholds, duration, etc.		
20.	Claims Reviewer's assessment of authors' claims		