

Worksheet for Using an Article About An Economic Analysis

University of Alberta EBM Toolkit

CITATION:

ARE THE RESULTS OF THE STUDY VALID?

1. Did the analysis provide a full economic comparison of health care strategies?

Yes No Can't Tell

- Costs and outcomes for each strategy?
- Whose viewpoint?
- Cost-effectiveness/benefit/utility study?

2. Were the costs and outcomes properly measured and valued?

Yes No Can't Tell

- Clinical effectiveness established?
- Costs measured accurately?
- Data on costs and outcomes appropriately integrated?

3. Was appropriate allowance made for uncertainties in the analysis?

Yes No Can't Tell

- Sensitivity analysis?
- Statistical significance?

4. Are estimates of costs and outcomes related to the baseline risk in the treatment population?

Yes No Can't Tell

- Sub-group analyses by risk?

WHAT WERE THE RESULTS?

1. What were the incremental costs and outcomes of each strategy?

2. Do incremental costs and outcomes differ between sub-groups?

Yes No Can't Tell

3. How much does allowance for uncertainty change the results?

WILL THE RESULTS HELP ME IN CARING FOR MY PATIENTS?

1. Are the treatment benefits worth the harms and costs?

Yes No Can't Tell

- Strong dominance?
- Weak dominance?
- Non-dominance?
- Incremental cost-effectiveness?

2. Could my patients expect similar health outcomes?

Yes No Can't Tell

- Study patients similar to my patients?
- Study clinical management similar to my local practice?

3. Could I expect similar costs?

Yes No Can't Tell

- Study/local resource consumption similar?
- Study/local prices similar?