

## Supplementary Material

### *Literature Search Terms for Medline*

Ovid MEDLINE(R) and Epub Ahead of Print, In-Process, In-Data-Review & Other Non-Indexed Citations, Daily and Versions <1946 to August 30, 2022>

- 1 - ("quality of life" or qualy or "quality adjusted life" or "burden of disease" or "disability adjusted life year" or "disability-adjusted life year" or DALY).ti,ab.
- 2 - ("economic burden" or "burden on the state" or "economic productivity" or "earning potential" or "cost of injur\*" or employment or employed or income or welfare or poverty or socioeconomic or unemployed or unemployment or job loss or redundan\* or "return to work" or value of life or life valuation\*).ti,ab.
- 3 - (Morbidity or co-morbid\* or comorbid\*).ti,ab.
- 4 - (sf36 or "sf 36" or sf6 or "sf 6" or sf12 or "sf 12" or "sf 16" or sf16 or sf20 or "sf 20").ti,ab.
- 5 - ("burden of disease" or wellbeing or well being or health status or health state\* or health level\* or "functional outcome\*" or "recovery period").ti,ab.
- 6 - (long term outcome\* or longterm outcome\* or (duration adj3 recovery)).ti,ab.
- 7 - exp "Cost of Illness"/ or exp "Quality of Life"/ or exp "Value of Life"/ or quality-adjusted life years/ or exp health status/ or employment/ or unemployment/ or social welfare/ or poverty/ or social class/ or morbidity/
- 8 - or/1-7
- 9 - (trauma adj (service\* or centre\* or center\* or system\* or pathway\*)).ti,ab.
- 10 - exp Trauma Centers/
- 11 - or/9-10
- 12 - 8 and 11
- 13 - limit 12 to yr="2000 -Current"

Table A1 - Synthesis Without Meta-analysis (SWiM) reporting items

<b>SWiM is intended to complement and be used as an extension to PRISMA</b>			
<b>SWiM reporting item</b>	<b>Item description</b>	<b>Page in manuscript where item is reported</b>	<b>Other*</b>
<i>Methods</i>			
<b>1</b> Grouping studies for synthesis	1a) Provide a description of, and rationale for, the groups used in the synthesis (e.g., groupings of populations, interventions, outcomes, study design)	4	
	1b) Detail and provide rationale for any changes made subsequent to the protocol in the groups used in the synthesis	N/A	
<b>2</b> Describe the standardised metric and transformation methods used	Describe the standardised metric for each outcome. Explain why the metric(s) was chosen, and describe any methods used to transform the intervention effects, as reported in the study, to the standardised metric, citing any methodological guidance consulted	4-6	
<b>3</b> Describe the synthesis methods	Describe and justify the methods used to synthesise the effects for each outcome when it was not possible to undertake a meta-analysis of effect estimates	3	
<b>4</b> Criteria used to prioritise results for summary and synthesis	Where applicable, provide the criteria used, with supporting justification, to select the particular studies, or a particular study, for the main synthesis or to draw conclusions from the synthesis (e.g., based on study design, risk of bias assessments, directness in relation to the review question)	2	

<b>SWiM reporting item</b>	<b>Item description</b>	<b>Page in manuscript where item is reported</b>	<b>Other*</b>
<b>5</b> Investigation of heterogeneity in reported effects	State the method(s) used to examine heterogeneity in reported effects when it was not possible to undertake a meta-analysis of effect estimates and its extensions to investigate heterogeneity	3	
<b>6</b> Certainty of evidence	Describe the methods used to assess certainty of the synthesis findings	4-6	
<b>7</b> Data presentation methods	Describe the graphical and tabular methods used to present the effects (e.g., tables, forest plots, harvest plots). Specify key study characteristics (e.g., study design, risk of bias) used to order the studies, in the text and any tables or graphs, clearly referencing the studies included	4	
<i>Results</i>			
<b>8</b> Reporting results	For each comparison and outcome, provide a description of the synthesised findings, and the certainty of the findings. Describe the result in language that is consistent with the question the synthesis addresses, and indicate which studies contribute to the synthesis	4-6	
<i>Discussion</i>			
<b>9</b> Limitations of the synthesis	Report the limitations of the synthesis methods used and/or the groupings used in the synthesis, and how these affect the conclusions that can be drawn in relation to the original review question	7-8	