

**Appendix 2 – Quality appraisal**

Guideline	1: Scope and purpose (%)	2: Stakeholder involvement (%)	3: Rigour of development (%)	4: Clarity of presentation (%)	5: Applicability (%)	6: Editorial independence (%)	Appraiser agreement (%)
Kansas, USA – Kansas Department for Health and Environment	86	58	9	69	21	8	70
Italy – Italian Society of Anaesthesia Analgesia and Intensive Care (SIAARTI)	75	33	2	61	4	8	83
Australia & New Zealand – The Australian and New Zealand Intensive Care Society	78	33	13	58	8	8	74
Belgium – Belgian Society of Intensive Care Medicine	61	25	4	47	2	8	83
USA – United States Department of Defense	67	31	4	31	2	8	65
Switzerland – Swiss Academy of Medical Sciences	83	42	23	67	10	4	70
UK – National Institute for Health and Care Excellence (NICE)	67	22	14	36	8	17	65
Sri Lanka – Ministry of Health Sri Lanka	78	47	8	58	4	8	70
Global – Extracorporeal Life Support Organization	89	25	14	64	21	8	70
Score median and inter-quartile range	78 (67-83)	33 (25-42)	9 (4-14)	58 (47-64)	8 (4-10)	8 (8-8)	

Supplementary Table 1 (as referred to in the results section of the paper): AGREE II Quality Appraisal – Score percentages are presented for each of the six quality assessment domains. The last column presents the percentage agreement between the two appraisers across all six domains for each guideline. Agreement was defined as appraisers providing the same item score or a one point difference between item scores. Median and inter-quartile range percentages for the nine guidelines are presented for each of the six quality assessment domains.

Guideline	1: Clinical applicability (%)	2: Values and preferences (%)	3: Implementability (%)
Kansas, USA – Kansas Department for Health and Environment	39	38	42
Italy – Italian Society of Anaesthesia Analgesia and Intensive Care (SIAARTI)	28	38	33
Australia & New Zealand – The Australian and New Zealand Intensive Care Society	33	21	17
Belgium – Belgian Society of Intensive Care Medicine	28	25	25
USA – United States Department of Defense	28	13	25
Switzerland – Swiss Academy of Medical Sciences	50	50	33
UK – National Institute for Health and Care Excellence (NICE)	28	17	25
Sri Lanka – Ministry of Health Sri Lanka	17	8	17
Global – Extracorporeal Life Support Organization	56	25	42
Score median and inter-quartile range	28 (28-39)	25 (17-38)	25 (25-33)

Supplementary Table 2 (as referred to in the results section of the paper): AGREE REX Quality Appraisal - Score percentages are presented for each of the three quality assessment domains. Median and inter-quartile range percentages for the nine guidelines are presented for each of the three quality assessment domains.