

Cervical and/or thoracic spine pain evidence project – Evidence-based Guidelines Included in the Recommendation Matrix

Mean Guideline Scores and Scaled Scores across Domains of the AGREE II Instrument

AGREE II Domain	AGREE II Domain Topics	Bussieres et al 2008	ACR (McDonald et al) 2019	Joint Guidelines Committee of the AANS/CNS (Mummaneni et al) 2009	Bone and Joint Task Force on Neck Pain (Guzman et al) 2009	ACR (Agarwal et al 2021)	North American Spine Society (Bono et al) 2011	ACOEM (Hegmann et al) 2016
Total Score EXCLUDING overall assessment score		114	109	98	97	109	123	119.5
Scaled Total Score Excluding overall assessment score		66%	62%	54%	54%	62%	72%	70%
Overall Assessment Score	Rate the overall quality of the guideline (Scale of 1 to 7) NOTE: The overall assessment score is not included in the total score	5	4.5	4	4	4.5	5.5	5
Scope and Purpose	Domain Score	19.5	14.5	16	14.5	16.5	19	15.5
	Scaled Domain Score Percentage	92%	64%	72%	64%	75%	89%	69%
Stakeholder Involvement	Domain Score	11.5	14	12.5	12	12.5	12.5	16.5
	Scaled Domain Score Percentage	47%	61%	53%	50%	53%	53%	75%
Rigor of Development	Domain Score	43.5	41	39.5	34	41	50	44
	Scaled Domain Score Percentage	74%	69%	66%	55%	69%	88%	75%
Clarity and Presentation	Domain Score	18	17	16	17	18.5	18	17.5
	Scaled Domain Score Percentage	83%	78%	72%	78%	86%	83%	81%
Applicability	Domain Score	9.5	16	7	11	11	12.5	18
	Scaled Domain Score Percentage	23%	50%	13%	29%	29%	35%	58%
Editorial Independence	Domain Score	12	6.5	7	8.5	9.5	11	8
	Scaled Domain Score Percentage	83%	38%	42%	54%	63%	75%	50%

*Mean guidelines scores across domains of the AGREE II instrument. Each question was rated on a Likert scale with a maximum of 7 points. The scores are averaged for each of the 2 reviewers. The scaled domain score is calculated as follows: (obtained score – minimum possible score) ÷ (maximum possible score – minimum possible score)

Mean Guideline Scores and Scaled Scores across Domains of the AGREE II Instrument

AGREE II Domain	AGREE II Domain Topics	ACR (Bestic et al) 2020	NCCN (Nabors et al) 2021	ACR (Shah et al) 2018	IDSA (Berbari et al) 2015	ACR (Ortiz et al) 2021
Total Score EXCLUDING overall assessment score		103	136.5	105	109	110.5
Scaled Total Score Excluding overall assessment score		58%	82%	59%	62	63%
Overall Assessment Score	Rate the overall quality of the guideline (Scale of 1 to 7) NOTE: The overall assessment score is not included in the total score	4.5	6	4.5	4.5	5
Scope and Purpose	Domain Score	16	18	15	18.5	18
	Scaled Domain Score Percentage	72%	83%	67%	86%	83%
Stakeholder Involvement	Domain Score	11.5	20	11	12	12.5
	Scaled Domain Score Percentage	47%	94%	44%	50%	53%
Rigor of Development	Domain Score	37.5	46	37	37	40.5
	Scaled Domain Score Percentage	61%	79%	60%	60%	68%
Clarity and Presentation	Domain Score	19.5	19.5	17	20.5	19
	Scaled Domain Score Percentage	92%	92%	78%	97%	89%
Applicability	Domain Score	13	20	12	10	11
	Scaled Domain Score Percentage	38%	67%	33%	25%	29%
Editorial Independence	Domain Score	5.5	13	13	11	13
	Scaled Domain Score Percentage	29%	92%	92%	75%	92%

*Mean guidelines scores across domains of the AGREE II instrument. Each question was rated on a Likert scale with a maximum of 7 points. The scores are averaged for each of the 2 reviewers. The scaled domain score is calculated as follows: (obtained score – minimum possible score) ÷ (maximum possible score – minimum possible score)