Low Back 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	American College of Physicians / American Pain Society (Chou et al) 2007	National Institute for Health and Care Excellence (NICE) 2016	North American Spine Society: Lumbar disc herniation with radiculopathy. 2014.	North American Spine Society: Degenerative lumbar spinal stenosis. 2013.	American College of Radiology (Hutchins et al) 2021	Choudhri et al 2014
Total Score EXCLUDING overall assessment score		114	111.5	141.5	110	110	111.5	94
Scaled Total Score Excluding overall assessment score		66%	64%	86%	63%	63%	64%	51%
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	5	6.5	5	5	5	4
Scope and Purpose	Domain Score	19.5	19	21	18.5	17	18	16.5
	Scaled Domain Score Percentage	92%	89%	100%	86%	78%	83%	75%
Stakeholder Involvement	Domain Score	11.5	10	20.5	12.5	11.5	12.5	11
	Scaled Domain Score Percentage	47%	39%	97%	53%	47%	53%	44%
Rigor of Development	Domain Score	43.5	40	51.5	43.5	48.5	40	34
	Scaled Domain Score Percentage	74%	67%	91%	74%	85%	67%	55%
Clarity and Presentation	Domain Score	18	20.5	20.5	17	14.5	19.5	13
	Scaled Domain Score Percentage	83%	97%	97%	78%	64%	92%	56%
Applicability	Domain Score	9.5	11	18.5	10.5	9	12	9.5
	Scaled Domain Score Percentage	23%	29%	60%	27%	21%	33%	23%
Editorial Independence	Domain Score	12	11	9.5	8	9.5	9.5	10
	Scaled Domain Score Percentage	83%	75%	63%	50%	63%	63%	67%

*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	Department of Veterans Affairs, Department of Defense 2017	Institute for Clinical Systems Improvement (ICSI) 2018	Stochkendahl et al 2018	American College of Radiology (Bestic et al) 2019	American College of Radiology (Shah et al) 2018	American College of Radiology (Ortiz et al) 2021	IDSA (Berbari et al) 2015
Total Score EXCLUDING overall assessment score		113	111.5	109	103	105	110.5	109
Scaled Total Score Excluding overall assessment score		65%	64%	62%	58%	59%	63%	62%
Overall Assessment Score	Rate the overall quality of the guideline (Scale of 1 to 7). The overall assessment score is not included in the total score	5	5	4.5	4.5	4.5	5	4.5
Scope and Purpose	Domain Score	16.5	16	15	16	15	18	18.5
	Scaled Domain Score Percentage	75%	72%	67%	72%	67%	83%	86%
Stakeholder Involvement	Domain Score	14.5	12.5	13.5	11.5	11	12.5	12
	Scaled Domain Score Percentage	64%	53%	58%	47%	44%	53%	50%
Rigor of Development	Domain Score	37.5	39	39.5	37.5	37	40.5	37
	Scaled Domain Score Percentage	61%	65%	66%	61%	60%	68%	60%
Clarity and Presentation	Domain Score	16	15	14	19.5	17	19	20.5
	Scaled Domain Score Percentage	72%	67%	61%	92%	78%	89%	97%
Applicability	Domain Score	19	19.5	16.5	13	12	11	10
	Scaled Domain Score Percentage	63%	65%	52%	38%	33%	29%	25%
Editorial Independence	Domain Score	9.5	9.5	10.5	5.5	13	9.5	11
	Scaled Domain Score Percentage	63%	63%	71%	29%	92%	63%	75%

*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	University of Michigan (Chiodo et al) 2020	ACOEM (Hegmann et al) 2019	NCCN (Nabors et al) 2021	North American Spine Society: Diagnosis and treatment of low back pain. 2020.
Total Score EXCLUDING overall assessment score		104	119.5	136.5	127
Scaled Total Score Excluding overall assessment score		59%	70%	82%	75%
Overall Assessment Score	Rate the overall quality of the guideline (Scale of 1 to 7). The overall assessment score is not included in the total score	4.5	5	6	5.5
Scope and Purpose	Domain Score	13.5	16	18	17
	Scaled Domain Score Percentage	58%	72%	83%	78%
Stakeholder Involvement	Domain Score	9.5	17	20	19.5
	Scaled Domain Score Percentage	36%	78%	94%	92%
Rigor of Development	Domain Score	33.5	42.5	46	42.5
	Scaled Domain Score Percentage	53%	72%	79%	72%
Clarity and Presentation	Domain Score	18	17	19.5	17.5
	Scaled Domain Score Percentage	83%	78%	92%	81%
Applicability	Domain Score	18.5	20	20	18
	Scaled Domain Score Percentage	60%	67%	67%	58%
Editorial Independence	Domain Score	11	7	13	12.5
	Scaled Domain Score Percentage	75%	42%	92%	88%

*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)