

## Shoulder 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	American Physical Therapy Association (Kelley et al) 2013. Orthopaedic functioning, disability, and health.	British Orthopaedic Association 2014. Subacromial shoulder pain.	Bussieres et al 2008. Upper extremity disorders.	Colorado Department of Labor 2014. Shoulder injury medical treatment guidelines.	University of New South Wales (Hopman et al) 2013. Management of rotator cuff syndrome in the workplace.	American College of Radiology (Nacey et al) 2022. Chronic shoulder pain.	American Academy of Orthopaedic Surgeons 2019. Management of rotator cuff injuries.
<b>Total Score EXCLUDING overall assessment score</b>		104.5	111.5	105	90	118.5	104.5	130.5
<b>Scaled Total Score Excluding overall assessment score</b>		59%	64%	59%	48%	69%	59%	78%
<b>Overall Assessment</b>	Would you recommend this guideline for use in practice?	Yes	Yes	Yes	Yes	Yes	Yes	Yes
<b>Overall Assessment Score</b>	Rate the overall quality of the guideline (Scale of 1 to 7) <b>NOTE:</b> The overall assessment score is not included in the total score	4.5	5	4.5	4	5	4.5	5.5
<b>Scope and Purpose</b>	<b>Domain Score</b>	14.5	11.5	19	15	17.5	11	19
	<b>Scaled Domain Score Percentage</b>	64%	47%	89%	67%	81%	44%	89%
<b>Stakeholder Involvement</b>	<b>Domain Score</b>	13.5	14.5	10	9.5	14.5	12.5	16.5
	<b>Scaled Domain Score Percentage</b>	58%	64%	39%	36%	64%	53%	75%
<b>Rigor of Development</b>	<b>Domain Score</b>	40	38	36	34.5	37.5	41.5	48
	<b>Scaled Domain Score Percentage</b>	67%	63%	59%	56%	62%	70%	83%
<b>Clarity and Presentation</b>	<b>Domain Score</b>	19	17.5	17	16	17.5	19	19.5
	<b>Scaled Domain Score Percentage</b>	89%	81%	78%	72%	81%	89%	92%
<b>Applicability</b>	<b>Domain Score</b>	11.5	20	12	11.5	18.5	11	14.5
	<b>Scaled Domain Score Percentage</b>	31%	67%	33%	31%	60%	29%	44%
<b>Editorial Independence</b>	<b>Domain Score</b>	6	10	11	3	13	9.5	13
	<b>Scaled Domain Score Percentage</b>	33%	67%	75%	8%	92%	63%	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)

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

AGREE II Domain	AGREE II Domain Topics	American Academy of Orthopaedic Surgeons 2020. Management of glenohumeral joint osteoarthritis.	American College of Radiology (Amini et al) 2017. Shoulder pain – traumatic.	American College of Occupational & Environmental Medicine (Hegmann et al) 2016. Shoulder disorders.	National Institute for Health and Care Excellence. 2022. Osteoarthritis in over 16s: diagnosis and management.	American College of Radiology (Pierce et al) 2022. Suspected osteomyelitis, septic arthritis, or soft tissue infection (excluding spine and diabetic foot).	Society of Nuclear Medicine and Molecular Imaging (Palestro et al) 2021. Appropriate use criteria for the use of nuclear medicine in musculoskeletal infection imaging.
<b>Total Score EXCLUDING overall assessment score</b>		134.5	100	117.5	146	106.5	114
<b>Scaled Total Score Excluding overall assessment score</b>		81%	56%	68%	89%	61%	66%
<b>Overall Assessment</b>	Would you recommend this guideline for use in practice?	Yes	Yes	Yes	Yes	Yes	Yes
<b>Overall Assessment Score</b>	Rate the overall quality of the guideline (Scale of 1 to 7) <b>NOTE:</b> The overall assessment score is not included in the total score	6	4.5	5	6.5	4.5	5
<b>Scope and Purpose</b>	<b>Domain Score</b>	19	10.5	17.5	19	15.5	17.5
	<b>Scaled Domain Score Percentage</b>	89%	42%	81%	89%	69%	81%
<b>Stakeholder Involvement</b>	<b>Domain Score</b>	17	12.5	17	19	12.5	15.5
	<b>Scaled Domain Score Percentage</b>	78%	53%	78%	89%	53%	69%
<b>Rigor of Development</b>	<b>Domain Score</b>	48.5	37.5	39.5	52.5	39.5	39
	<b>Scaled Domain Score Percentage</b>	84%	61%	66%	93%	66%	65%
<b>Clarity and Presentation</b>	<b>Domain Score</b>	19.5	18	16.5	19	18.5	18.5
	<b>Scaled Domain Score Percentage</b>	92%	83%	75%	89%	86%	86%
<b>Applicability</b>	<b>Domain Score</b>	17.5	12	20	24	11	14.5
	<b>Scaled Domain Score Percentage</b>	56%	33%	67%	83%	29%	44%
<b>Editorial Independence</b>	<b>Domain Score</b>	13	9.5	7	12.5	9.5	9
	<b>Scaled Domain Score Percentage</b>	92%	63%	42%	88%	63%	58%

\*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)