

## Knee 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	ACR (Taljanovic et al) 2020. Acute Trauma to the Knee.	APTA (Longerstedt et al) 2018. Knee pain and mobility impairments: Meniscal and articular cartilage lesions.	ACR (Fox et al) 2018. Chronic Knee Pain.	ACR (Beaman et al) 2017. Suspected Osteomyelitis, Septic Arthritis, or Soft Tissue Infection (Excluding Spine and Diabetic Foot)	Beaufils et al 2009. Clinical practice guidelines for the management of meniscal lesions and isolated lesions of the ACL of the knee in adults.	Bussieres et al 2007. Diagnostic imaging practice guidelines for musculoskeletal complaints in adults: lower extremity disorders.	Coakley et al 2006. BSR & BHPR, BOA, BCGP and BSAC guidelines for management of the hot swollen joint in adults.
<b>Total Score EXCLUDING overall assessment score</b>		100	122	120.5	111	108	105	125
<b>Scaled Total Score Excluding overall assessment score</b>		56%	72%	70%	64%	62%	59%	74%
<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	5.5	5.0	5.0	4.5	4.5	5.5
<b>Scope and Purpose</b>	<b>Domain Score</b>	12.5	15.5	16	15.5	15.5	19	18.5
	<b>Scaled Domain Score Percentage</b>	53%	69%	72%	69%	69%	89%	86%
<b>Stakeholder Involvement</b>	<b>Domain Score</b>	11	17.5	18	14.5	11.5	10	16.5
	<b>Scaled Domain Score Percentage</b>	44%	81%	83%	64%	47%	39%	75%
<b>Rigor of Development</b>	<b>Domain Score</b>	38	47	48	39	39.5	36	41
	<b>Scaled Domain Score Percentage</b>	63%	81%	83%	65%	66%	58%	69%
<b>Clarity and Presentation</b>	<b>Domain Score</b>	18	16.5	17.5	19.5	15	17	16.5
	<b>Scaled Domain Score Percentage</b>	83%	75%	81%	92%	67%	78%	75%
<b>Applicability</b>	<b>Domain Score</b>	11	14.5	9	14.5	16	12	22.5
	<b>Scaled Domain Score Percentage</b>	29%	44%	21%	44%	50%	33%	77%
<b>Editorial Independence</b>	<b>Domain Score</b>	9.5	11	12	8	10.5	11	10
	<b>Scaled Domain Score Percentage</b>	63%	75%	83%	50%	71%	75%	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 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	VA/DOD 2014 clinical practice guideline for the non-surgical management of hip and knee osteoarthritis.	Meuffels et al 2012. Guideline on anterior cruciate ligament injury.	NICE 2016. Fractures (non-complex): assessment and management.	Robb et al 2007. General practitioner diagnosis and management of acute knee injuries: Summary of an evidence-based guideline.	Sakellariou et al 2017. EULAR recommendations for the use of imaging in the clinical management of peripheral joint osteoarthritis.	Zhang et al 2010. EULAR evidence-based recommendations for the diagnosis of knee osteoarthritis.
<b>Total Score EXCLUDING overall assessment score</b>		115	97	144	115.5	108	113.5
<b>Scaled Total Score Excluding overall assessment score</b>		67%	54%	88%	67%	62%	66%
<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	5.0	4.0	6.5	5.0	4.5	5.0
<b>Scope and Purpose</b>	<b>Domain Score</b>	18	19	19.5	18.5	16	16
	<b>Scaled Domain Score Percentage</b>	83%	89%	92%	86%	72%	72%
<b>Stakeholder Involvement</b>	<b>Domain Score</b>	16.5	15.5	20	18.5	11	14.5
	<b>Scaled Domain Score Percentage</b>	75%	69%	94%	86%	44%	64%
<b>Rigor of Development</b>	<b>Domain Score</b>	40.5	32	48	36	41	41
	<b>Scaled Domain Score Percentage</b>	68%	50%	83%	58%	69%	69%
<b>Clarity and Presentation</b>	<b>Domain Score</b>	18.5	16	19.5	17.5	18	15.5
	<b>Scaled Domain Score Percentage</b>	86%	72%	92%	81%	83%	69%
<b>Applicability</b>	<b>Domain Score</b>	14.5	11	24.5	16	15	16.5
	<b>Scaled Domain Score Percentage</b>	44%	29%	85%	50%	46%	52%
<b>Editorial Independence</b>	<b>Domain Score</b>	7	3.5	12.5	9	7	10
	<b>Scaled Domain Score Percentage</b>	42%	13%	88%	58%	42%	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 scaled domain score is calculated as follows: (obtained score – minimum possible score) ÷ (maximum possible score – minimum possible score)

## Knee pain evidence project – Evidence-based Guidelines Excluded in the Recommendation Matrix

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

AGREE II Domain	AGREE II Domain Topics	ACR (Benardino et al) 2017. Stress (Fatigue/Insufficiency) Fracture, Including Sacrum, Excluding Other Vertebrae.
<b>Total Score EXCLUDING overall assessment score</b>		75
<b>Scaled Total Score Excluding overall assessment score</b>		38%
<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	3.5
<b>Scope and Purpose</b>	<b>Domain Score</b>	15
	<b>Scaled Domain Score Percentage</b>	67%
<b>Stakeholder Involvement</b>	<b>Domain Score</b>	11
	<b>Scaled Domain Score Percentage</b>	44%
<b>Rigor of Development</b>	<b>Domain Score</b>	26
	<b>Scaled Domain Score Percentage</b>	38%
<b>Clarity and Presentation</b>	<b>Domain Score</b>	11
	<b>Scaled Domain Score Percentage</b>	44%
<b>Applicability</b>	<b>Domain Score</b>	8
	<b>Scaled Domain Score Percentage</b>	17%
<b>Editorial Independence</b>	<b>Domain Score</b>	4
	<b>Scaled Domain Score Percentage</b>	17%

\*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 scaled domain score is calculated as follows: (obtained score – minimum possible score) ÷ (maximum possible score – minimum possible score)