

Headache 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	National Institute for Health and Care Excellence, Quality Standard - Headaches in over 12s, (2015)	Moisset X, Mawet J, Guegan-Massardier E, et al. French Guidelines For the Emergency Management of Headaches. Revue neurologique. 2016;172(6-7):350-60.	Beithon J, Gallenberg M, Johnson K, et al. Institute for Clinical Systems Improvement, Diagnosis and treatment of headache, (2013)	Toward Optimized Practice (TOP) Headache Working Group. 2016 September. Primary care management of headache in adults: clinical practice guideline: 2nd edition.	Scottish Intercollegiate Guidelines Network (SIGN). Diagnosis and management of headache in adults. 2008.	Sandrini GF, et al. Neurophysiological tests and neuroimaging procedures in non-acute headache (2nd ed). European journal of neurology. 2011; 18(3):373-381.	American College of Radiology (Whitehead et al), ACR Appropriateness Criteria Headache. 2019.
Total Score EXCLUDING overall assessment score		129	93.5	124.5	104	124	102	108
Scaled Total Score Excluding overall assessment score		77%	51%	74%	59%	73%	60%	62%
Overall Assessment	Would you recommend this guideline for use in practice?	Yes	Yes	Yes	Yes	Yes	Yes	Yes
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	4	5.5	4.5	5.5	4.5	4.5
Scope and Purpose	Domain Score	18	15.5	16	17	17	14	15
	Scaled Domain Score Percentage	83%	69%	72%	78%	78%	61%	67%
Stakeholder Involvement	Domain Score	15.5	13.5	15	14	16	8	13
	Scaled Domain Score Percentage	69%	58%	67%	61%	72%	28%	56%
Rigor of Development	Domain Score	46.5	28	42	34	43	37	38
	Scaled Domain Score Percentage	80%	42%	71%	54%	73%	60%	63%
Clarity and Presentation	Domain Score	18	15.5	16.5	17	19	19	18
	Scaled Domain Score Percentage	83%	69%	75%	78%	89%	89%	83%
Applicability	Domain Score	20.5	12.5	22.5	17	20	18	17
	Scaled Domain Score Percentage	69%	35%	77%	54%	67%	58%	54%
Editorial Independence	Domain Score	10.5	8.5	12.5	5	9	6	7
	Scaled Domain Score Percentage	71%	54%	88%	25%	58%	33%	42%

*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	Shih et al. American College of Radiology. ACR Appropriateness Criteria Head Trauma. 2021.	Colorado Division of Workers' Compensation, Traumatic brain injury medical treatment guidelines. 2019	Ontario Neurotrauma Foundation. Third Ed of guidelines for concussion / mild tbi and persistent symptoms. 2019.	Godwin, et al. ACEP Clinical policy: critical issues in the evaluation and management of adult patients presenting to the emergency department with acute headache. 2019.
Total Score EXCLUDING overall assessment score		107.5	103.5	116.5	117.5
Scaled Total Score Excluding overall assessment score		61%	58%	68%	68%
Overall Assessment	Would you recommend this guideline for use in practice?	Yes	Yes	Yes	Yes
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	4.5	5	5
Scope and Purpose	Domain Score	13.5	16	19	18.5
	Scaled Domain Score Percentage	58%	72%	89%	86%
Stakeholder Involvement	Domain Score	12.5	12	16.5	15
	Scaled Domain Score Percentage	53%	50%	75%	67%
Rigor of Development	Domain Score	42	35.5	40.5	44.5
	Scaled Domain Score Percentage	71%	57%	68%	76%
Clarity and Presentation	Domain Score	19	14.5	18	18
	Scaled Domain Score Percentage	89%	64%	83%	83%
Applicability	Domain Score	11	18.5	16	11
	Scaled Domain Score Percentage	29%	60%	50%	29%
Editorial Independence	Domain Score	9.5	7	6.5	10.5
	Scaled Domain Score Percentage	63%	42%	38%	71%

*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)

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AGREE II Domain	AGREE II Domain Topics	Mitsikostas DD, Ashina M, Craven A, et al. European Headache Federation consensus on technical investigation for primary headache disorders. The journal of headache and pain. 2015;17:5.
Total Score EXCLUDING overall assessment score		83
Scaled Total Score Excluding overall assessment score		43%
Overall Assessment	Would you recommend this guideline for use in practice?	Yes, with modifications
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	3.5
Scope and Purpose	Domain Score	14.5
	Scaled Domain Score Percentage	63.9%
Stakeholder Involvement	Domain Score	11.5
	Scaled Domain Score Percentage	47.2%
Rigor of Development	Domain Score	26
	Scaled Domain Score Percentage	37.5%
Clarity and Presentation	Domain Score	15.5
	Scaled Domain Score Percentage	69.4%
Applicability	Domain Score	12.5
	Scaled Domain Score Percentage	35.4%
Editorial Independence	Domain Score	3
	Scaled Domain Score Percentage	8.3%

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