

Renal/kidney 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 Urological Association (Fulgham et al) 2013. Imaging in the management of ureteral calculous.	American Urological Association (Barocas et al) 2020. Microhematuria.	American Urological Association (Assimos et al) 2016. Surgical management of stones.	Canadian Urological Association (Richard et al) 2023. Management of cystic renal lesions.	Korean Endocrine Society (Lee et al) 2017. Management of adrenal incidentaloma.	European Society of Endocrinology (Fassnacht et al) 2023. Management of adrenal incidentalomas.	European Association of Urology (Skolarikos et al) 2023. Guidelines on Urolithiasis.
Total Score EXCLUDING overall assessment score		103.5	98.5	113	98	104.5	114.5	104
Scaled Total Score Excluding overall assessment score		58.3%	54.7%	65.2%	54.3%	59.1%	66.3%	58.7%
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	4.5	4.5	5	4.5
Scope and Purpose	Domain Score	17	16	18	15	18	18.5	13
	Scaled Domain Score Percentage	78%	72%	83%	67%	83%	86%	55.5%
Stakeholder Involvement	Domain Score	11.5	12	11.5	12.5	12	14.5	12.5
	Scaled Domain Score Percentage	47%	50%	47%	53%	50%	64%	52.8%
Rigor of Development	Domain Score	33	32	42.5	36	34.5	39	37
	Scaled Domain Score Percentage	52%	50%	72%	58%	55%	65%	60%
Clarity and Presentation	Domain Score	16	16	18	17	17	17.5	18.5
	Scaled Domain Score Percentage	72%	72%	83%	78%	78%	81%	86.1%
Applicability	Domain Score	14.5	10.5	11	11.5	11.5	13.5	12.5
	Scaled Domain Score Percentage	44%	27%	29%	31%	31%	40%	35.5%
Editorial Independence	Domain Score	11.5	12	12	6	11.5	11.5	10.5
	Scaled Domain Score Percentage	79%	83%	83%	33%	79%	79%	70.8%

*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	European Association of Urology (Bonkat et al) 2023. Guidelines on Urological Infections.	NICE 2019. Renal and ureteric stones: assessment and management.	American College of Radiology (Smith et al) 2022. Acute pyelonephritis.	American College of Radiology (Wolfman et al) 2020. Hematuria.	American College of Radiology (Wang et al) 2020. Indeterminate Renal Mass.
Total Score EXCLUDING overall assessment score		103	144	111	106.5	99.5
Scaled Total Score Excluding overall assessment score		57.9%	87.7%	63.8%	60.5%	55.4%
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	6.5	5	4.5	4.5
Scope and Purpose	Domain Score	12.5	17.5	14	17.5	12
	Scaled Domain Score Percentage	52.8%	80.5%	61.1%	80.6%	50%
Stakeholder Involvement	Domain Score	14	18.5	15	11.5	11
	Scaled Domain Score Percentage	61.1%	86.1%	66.7%	47.2%	44.4%
Rigor of Development	Domain Score	36.5	52.5	37.5	36	36
	Scaled Domain Score Percentage	59.4%	92.7%	61.5%	58.3%	58.3%
Clarity and Presentation	Domain Score	18	19	20.5	20	20
	Scaled Domain Score Percentage	83%	88.9%	97.2%	94.4%	94.4%
Applicability	Domain Score	11	25.5	17	12.5	11.5
	Scaled Domain Score Percentage	29%	89.6%	54.2%	35.4%	31.3%
Editorial Independence	Domain Score	11	11	7	9	9
	Scaled Domain Score Percentage	75%	75%	33.3%	58.3%	58.3%

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

AGREE II Domain	AGREE II Domain Topics	American College of Radiology (Mody et al) 2021. Adrenal Mass Evaluation.	American College of Radiology (Gupta et al) 2023. Acute Onset Flank Pain Suspicion of Stone Disease.	Canadian Urological Association (Richard et al) 2022. Management of small renal masses.	Canadian Urological Association (Rowe et al) 2023. Incidentally discovered adrenal mass.	American Association of Endocrine Surgeons (Yip et al) 2022. Guidelines for adrenalectomy.
Total Score EXCLUDING overall assessment score		106.5	103.5	94.5	91	103
Scaled Total Score Excluding overall assessment score		60.5%	58%	51.8%	49.3%	58%
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	4	4	4.5
Scope and Purpose	Domain Score	15.5	13	13	13	12
	Scaled Domain Score Percentage	69%	56%	56%	56%	50%
Stakeholder Involvement	Domain Score	11	11	13	11.5	14.5
	Scaled Domain Score Percentage	44%	44%	56%	47%	64%
Rigor of Development	Domain Score	41	41	34	32	35.5
	Scaled Domain Score Percentage	69%	69%	54%	50%	57%
Clarity and Presentation	Domain Score	18.5	18	17	17	16
	Scaled Domain Score Percentage	86%	83%	78%	78%	72%
Applicability	Domain Score	11	11	11.5	11.5	13
	Scaled Domain Score Percentage	29%	29%	31%	31%	38%
Editorial Independence	Domain Score	9.5	9.5	6	6	12
	Scaled Domain Score Percentage	63%	63%	33%	33%	83%

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