

Renal, adrenal, & urinary tract 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 (Davis et al) 2012. Diagnosis, evaluation, and follow-up of asymptomatic microhematuria (AMH) in adults.	American Urological Association (Assimos et al) 2016. Surgical management of stones.	Canadian Urological Association (Richard et al) 2017. Management of cystic renal lesions.	Korean Endocrine Society (Lee et al) 2017. Management of adrenal incidentaloma.	European Society of Endocrinology (Fassnacht et al) 2016. Management of adrenal incidentalomas.	European Association of Urology (Turk et al) 2019. Guidelines on Urolithiasis – limited update.
Total Score EXCLUDING overall assessment score		103.5	97.5	113	98.5	104.5	114.5	104
Scaled Total Score Excluding overall assessment score		58.3%	54%	65.2%	54.7%	59.1%	66.3%	58.7%
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	4.5	4.5	5	4.5	4.5	5	4.5
Scope and Purpose	Domain Score	17	14.5	18	15	18	18.5	13
	Scaled Domain Score Percentage	78%	64%	83%	67%	83%	86%	55.5%
Stakeholder Involvement	Domain Score	11.5	8	11.5	8.5	12	14.5	12.5
	Scaled Domain Score Percentage	47%	28%	47%	31%	50%	64%	52.8%
Rigor of Development	Domain Score	33	34	42.5	37	34.5	39	37
	Scaled Domain Score Percentage	52%	54%	72%	60%	55%	65%	60%
Clarity and Presentation	Domain Score	16	15	18	16.5	17	17.5	18.5
	Scaled Domain Score Percentage	72%	67%	83%	75%	78%	81%	86.1%
Applicability	Domain Score	14.5	15	11	10	11.5	13.5	12.5
	Scaled Domain Score Percentage	44%	46%	29%	25%	31%	40%	35.5%
Editorial Independence	Domain Score	11.5	11	12	11.5	11.5	11.5	10.5
	Scaled Domain Score Percentage	79%	75%	83%	79%	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) 2019. Guidelines on Urological Infections – limited update.	NICE 2019. Renal and ureteric stones: assessment and management.	American College of Radiology (Nikolaidis et al) 2018. Acute pyelonephritis.	American College of Radiology (Wolfman et al) 2019. 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	Would you recommend this guideline for use in practice?	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	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 (Remer et al) 2012. Incidentally Discovered Adrenal Mass.	American College of Radiology (Moreno et al) 2015. Acute Onset Flank Pain—Suspicion of Stone Disease.
Total Score EXCLUDING overall assessment score		69.5	66
Scaled Total Score Excluding overall assessment score		33.7%	31.2%
Overall Assessment	Would you recommend this guideline for use in practice?	No	No
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	3
Scope and Purpose	Domain Score	11.5	10
	Scaled Domain Score Percentage	47%	39%
Stakeholder Involvement	Domain Score	9.5	10
	Scaled Domain Score Percentage	36%	39%
Rigor of Development	Domain Score	23	22
	Scaled Domain Score Percentage	31%	29%
Clarity and Presentation	Domain Score	16.5	14
	Scaled Domain Score Percentage	75%	61%
Applicability	Domain Score	5.5	6
	Scaled Domain Score Percentage	6%	8%
Editorial Independence	Domain Score	3.5	4
	Scaled Domain Score Percentage	13%	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 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)