CVA/TIA 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	AHA-ASA 2011 (Saposnik). Diagnosis and management of cerebral venous thrombosis.	EFNS 2010 (Irimia). Use of imaging in cerebrovascular disease.	ESVS 2018 (Naylor). Management of atherosclerotic carotid and vertebral artery disease.	ACR 2017 (Salmela). Cerebrovascular disease.	USPSTF 2014. Screening for asymptomatic carotid artery stenosis.	Brott et al 2011. Guideline on the management of patients with extracranial carotid and vertebral artery disease.	ACEP 2016 (Lo). Critical issues in the evaluation of adult patients with suspected transient ischemic attack in the emergency department.
Total Score EXCLUDING overall assessment score		115	97	125.5	105.5	116	120.5	124
Scaled Total Score Excluding overall assessment score		67%	54%	74%	60%	67%	71%	73%
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	4	5.5	4.5	5	5	5.5
Scope and Purpose	Domain Score	16	15	18	14	18	15.5	18
	Scaled Domain Score Percentage	72%	67%	83%	61%	83%	69%	83%
Stakeholder Involvement	Domain Score	12.5	10	14	12	16.5	14.5	15
	Scaled Domain Score Percentage	53%	39%	61%	50%	75%	64%	67%
Rigor of Development	Domain Score	41.5	36.3	47.5	34	34.5	43.5	44
	Scaled Domain Score Percentage	70%	59%	82%	54%	55%	74%	75%
Clarity and Presentation	Domain Score	17.5	16	18	19	17.5	18	17
	Scaled Domain Score Percentage	81%	72%	83%	89%	81%	83%	78%
Applicability	Domain Score	18	11.3	18.5	19.5	18	17	21.5
	Scaled Domain Score Percentage	58%	31%	60%	65%	58%	54%	73%
Editorial Independence	Domain Score	9.5	8.3	9.5	7	11.5	12	8.5
	Scaled Domain Score Percentage	63%	53%	63%	42%	79%	83%	54%

*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	NICE 2019. Stroke and transient ischaemic attack in over 16s: Diagnosis and management.	SIGN 2008. Management of patients with stroke or TIA: Assessment, investigation, immediate management and secondary prevention.	AHA/ASA 2019 (Powers). Guidelines for the early management of patients with acute ischemic stroke.	AHA/ASA 2017 (Smith). Prevention of stroke in patients with silent cerebrovascular disease.	AHA/ASA 2015 (Hemphill). Guidelines for the management of spontaneous intracerebral hemorrhage.	Boulanger 2018. Recommendations for acute stroke management: Prehospital, emergency department, and acute inpatient stroke care.
Total Score EXCLUDING overall assessment score		129	132	121.5	97.5	112.5	109
Scaled Total Score Excluding overall assessment score		76.8%	79%	71.4%	54%	65%	62.3%
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	5.5	5	4	5	4.5
Scope and Purpose	Domain Score	17.5	18.5	16.5	17.5	17.5	14
	Scaled Domain Score Percentage	81%	86%	75%	81%	81%	61.1%
Stakeholder Involvement	Domain Score	14.5	16	13.5	12.5	11.5	15
	Scaled Domain Score Percentage	63.9%	72%	58.3%	53%	47%	66.67%
Rigor of Development	Domain Score	46	48	43	32	38.5	38
	Scaled Domain Score Percentage	79.2%	83%	72.9%	50%	64%	62.5%
Clarity and Presentation	Domain Score	18	18.5	18.5	11.5	18	16
	Scaled Domain Score Percentage	83%	86%	86%	47%	83%	72.2%
Applicability	Domain Score	23.5	25	18.5	14	15	15
	Scaled Domain Score Percentage	81%	88%	60.4%	42%	46%	46%
Editorial Independence	Domain Score	9.5	6	11.5	10	12	11
	Scaled Domain Score Percentage	62.5%	33%	79.2%	67%	83%	75%

*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)

For use only in connection with development of AUC by the CDI Quality Institute's Multidisciplinary Committee   02/11/2020

CVA/TIA 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	ICSI 2016. Diagnosis and initial treatment of ischemic stroke.	AAN 2010 (Schellinger). Evidence-based guideline: The role of diffusion and perfusion MRI for the diagnosis of acute ischemic stroke.	EFNS 2010 (Scolding). Cerebral vasculitis.	NICE 2016. Mechanical clot retrieval for treating acute ischaemic stroke.	ESO 2016 (Wahlgren). Mechanical thrombectomy in acute ischemic stroke.	EFNS 2010 (Einhaupl). Guideline on the treatment of cerebral venous and sinus thrombosis.
Total Score EXCLUDING overall assessment score		100.5	106.5	54.5	68.5	100	84
Scaled Total Score Excluding overall assessment score		56%	61%	23%	33%	56%	44%
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	2.5	3	4.5	3.5
Scope and Purpose	Domain Score	14.5	17.5	9.5	14.5	15	14.67
	Scaled Domain Score Percentage	64%	81%	36%	64%	67%	65%
Stakeholder Involvement	Domain Score	14	13	8	9.5	11.67	7
	Scaled Domain Score Percentage	61%	56%	28%	36%	48%	22%
Rigor of Development	Domain Score	31	31.5	13.5	31	31.3	31.3
	Scaled Domain Score Percentage	48%	49%	11%	48%	49%	49%
Clarity and Presentation	Domain Score	13.5	17.5	10	11.5	16.3	15
	Scaled Domain Score Percentage	58%	81%	39%	47%	74%	67%
Applicability	Domain Score	16	16	7	13	13.3	8.3
	Scaled Domain Score Percentage	50%	50%	13%	38%	39%	18%
Editorial Independence	Domain Score	11.5	11	6.5	3.5	12.3	5.3
	Scaled Domain Score Percentage	79%	75%	38%	13%	86%	28%

*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)