

**Table 3 Characteristics of some recently adapted clinical practice guidelines in the Eastern Mediterranean**

CPG title/year of publication	Adapting organization	GAG composition	Source CPGs	Quality assessment of source CPGs or evidence	Formal adaptation framework used	Implementation tools	Declaration of conflict of interests	Presentation and dissemination
Multiple topics in cancer care (2014)	NCCN, USA (MENA group)	Seven disease committees included multidisciplinary expertise from different countries in the MENA region	NCCN CPGs, USA	No	Not applicable	No	Yes	Yes
Multiple topics, 2017	Saudi Ministry of Health with GRADE Center, McMaster University	Clinical experts and methodologists	Yes	Yes GRADE (GRADEpro-GDT software)	GRADE-ADOLOPMENT	Mobile app	Yes	Yes Website, mobile apps, articles, newsletters
Rheumatoid arthritis, 2017	Collaborative between Weill Cornell Medical College – Qatar, Middle East Rheumatoid Arthritis Consortium, & American University Beirut GRADE Center	Clinical experts and methodologists	Yes Adaptation of the 2015 American College of Rheumatology CPG	Yes GRADE (GRADEpro-GDT software)	GRADE-ADOLOPMENT	No	Yes	Yes Publication
Mineral and bone disorders in chronic kidney disease, 2014	KDIGO (MENA group)	Expert group of nephrologists from MENA & international experts. The manuscript was reviewed by the KDIGO Implementation Task Force – Middle East comprising 9 local expertise from MENA.	Adaptation of the 2009 KDIGO (CKD-MBD)	Unclear	Not applicable	No	Unclear	Yes Publication
Ostomy care, 2015	Hamad Medical Corporation, Qatar	A graduate nursing student, academic supervisor, physician and 2 advanced clinical nurse specialists	RNAO, WOCN, NCCN, CINAHL, NICE, WHO, SIGN, ACPGBI	Yes AGREE-II tool [5] RCA tool [12]	CAN-IMPLEMENT	No	No	Yes Publication

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CPG title/year of publication	Adapting organization	GAG composition	Source CPGs	Quality assessment of source CPGs or evidence	Formal adaptation framework used	Implementation tools	Declaration of conflict of interests	Presentation and dissemination
Convulsive status epilepticus in children, 2017	KSU/ KSUMC (Saudi Arabia)	Multidisciplinary GAG from the main organization and external review group from relevant health sectors in Saudi Arabia (clinicians & methodologists)	Texas, NICE	Yes  AGREE-II Instrument	KSU-Modified-ADAPTE	Yes	No	Yes  Publication
Multiple topics: adapted CPG full documents are not published but are available upon request as academic theses from the university	Alexandria Center for Evidence-Based CPGs, Alexandria University (Egypt)	Five CEBCPs members	Different Source CPGs per topic	Yes  AGREE-II Instrument	Adapted ADAPTE	Yes	Not accessible	Yes  Publication (methodology) but CPG documents were not published as articles
Urinary tract infections in infants and children, 2021	Egyptian Pediatric Clinical Practice Guidelines Committee	Seven paediatric nephrologists	Fours CPGs: American Academy Pediatrics, European Association of Urology, European Society of Pediatric Urology, and Asian Association of Urinary Tract Infections	Yes  AGREE-II Instrument	Adapted ADAPTE	Yes	Yes	Yes  Publication
Glaucoma, 2020	KSU/ KSUMC (Saudi Arabia)	Multidisciplinary GAG and external review groups from the main organization (clinicians & methodologists)	American College of Ophthalmology	No	KSU-Modified-ADAPTE	Yes  Implementation strategies to overcome noncompliance by using JBI-PACES and GRiP framework	Not accessible	The CPG full document book is not accessible openly. An implementation report was published.
Breast cancer screening, 2017	INEAS (Tunisia)	Collaboration effort between INEAS and the Tunisian Society of Oncology, with American University of Beirut GRADE center support. The panel consisted of 12 local experts	Yes Adapting the European Breast Cancer CPGs.	Yes  AGREE-II tool (GRADEpro- GDT software)	GRADE-ADOLOPMENT	No	Unclear	Yes Publication

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CPG title/year of publication	Adapting organization	GAG composition	Source CPGs	Quality assessment of source CPGs or evidence	Formal adaptation framework used	Implementation tools	Declaration of conflict of interests	Presentation and dissemination
Attention deficit hyperactivity disorder, 2021	Saudi Attention Deficit Hyperactivity Disorder (ADHD) Society	Multidisciplinary GAG and external review groups from all relevant health sectors in Saudi Arabia (clinicians & methodologists)	Yes NICE CPG	Yes AGREE-II instrument	KSU-Modified-ADAPTE	Tools adopted from NICE and others newly developed	Accessible upon request from the society website	Mobile version, Summary CPG documents for printing and digital. Full-text publication
Venous thromboembolism prophylaxis, 2021	KSU/ KSUMC (Saudi Arabia)	Multidisciplinary GAG and external review groups from the main organization (clinicians & methodologists)	American College of Chest Physicians	Yes AGREE-II instrument	KSU-Modified-ADAPTE	Tools newly developed including a CPOE with CDSS	Not accessible	CPG full document (book not published). An implementation report was published.
Breast cancer, 2018	Think Pink (Bahrain Breast Cancer Society)	Breast cancer specific expertise (clinicians & methodologists) and consumer advocacy	SIGN, Health Department of Catalonia	AGREE II, IOM standards, Lenzer's Red Flags, GRADE	RAPADAPTE	Tools newly developed	Yes	Yes Published article & full CPG document as a supplement online.
Surgical antimicrobial prophylaxis, 2017	KSU/ KSUMC (Saudi Arabia)	Multidisciplinary GAG and external review groups from the main organization (clinicians & methodologists)	American Society of Health System Pharmacists	Yes AGREE-II instrument	KSU-Modified-ADAPTE	Tools adopted from ASHP and others newly developed	Not accessible	Yes Published
Central vascular access devices, 2014	KSU/ KSUMC (Saudi Arabia)	Multidisciplinary GAG and external review groups from the main organization (clinicians & methodologists).	Centers for Disease Control and Prevention (CDC) and Infusion Nurses Society	Yes AGREE-II instrument	KSU-Modified-ADAPTE	Tools adopted from CDC/ INS and others newly developed	Not accessible	Yes Published
Traumatic brain injury, 2016	Tehran University of Medical Sciences and the Ministry of Health, Iran	Multidisciplinary GAG and external review groups	NICE, SIGN	Yes AGREE-II instrument	Selection of CPGs by the AGREE II	Not mentioned	Not accessible	Yes Published

Abbreviations: ACPGBI = Association of Coloproctology of Great Britain and Ireland; CPG = clinical practice guideline; GAG = guideline adaptation group; INEAS = National Authority for Assessment and Accreditation in Healthcare; KDIGO = Kidney Disease: Improving Global Outcomes; KSU = King Saud University; KSUMC = King Saud University Medical City; MENA = Middle East and North Africa; NCCN = National Comprehensive Cancer Network; NICE = National Institute for Health and Care Excellence; SIGN = Scottish Intercollegiate Guidelines Network.