

ASSESSING THE METHODOLOGY AND TRANSFERABILITY OF CARDIOVASCULAR HOSPITALISATION COSTS WITHIN THE MIDDLE EAST & NORTH AFRICA REGION

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OBJECTIVES

- To systematically review the methodology of studies.
- To analyse the intra-regional transferability of hospitalisation costs of chronic cardiovascular conditions within MENA.

METHODS

- Systematic review
- Literature search: PubMed - reference lists of four regional systematic reviews
- Studies reporting cardiovascular disease-related costs between 1995-2019

RESULTS

From 1,646 citations we identified 13 eligible studies reporting 302 cardiovascular cost items between 2006-2019.

Figure 1. Prisma chart

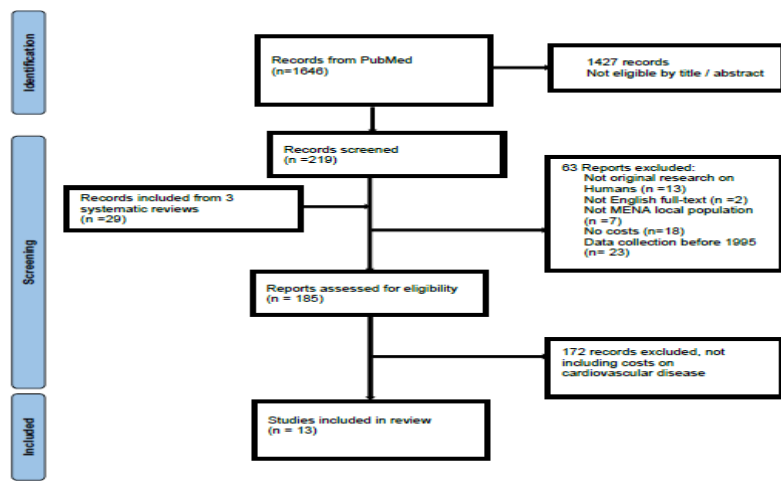


Figure 2. Studies by disease group

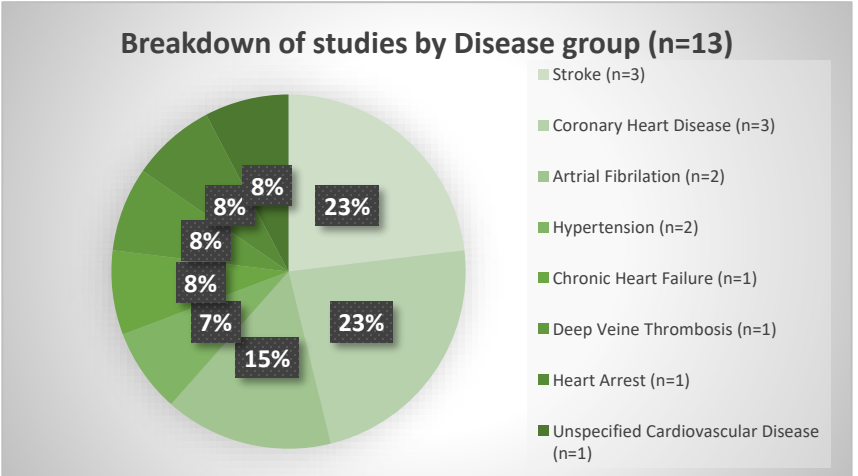


Figure 3. Studies by countries

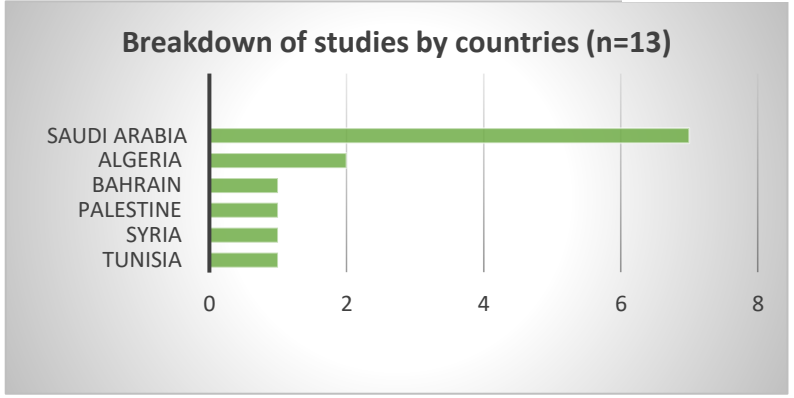


Table 1. Hospitalization costs: reporting methodology

	Bouame et al	Algahtani et al	Salem et al	Alsultan et al
Medicines	Included	Not included	Included	Not included
Procedure	Included	Included	Not included	Not included
Bed Utilization	Included	Included	Included	Included
Physician	Included	Included	Not included	Not included
Nursing	Included	Included	Not included	Not included
Laboratory	Included	Not included	Not included	Not included
Severity Level	Included	Not specified	Included	Included

CONCLUSION

- There is striking methodological heterogeneity of hospitalisation costs of cardiovascular diseases in MENA

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