

# MCDA Tool Adoption in Egypt: Room for Sustainability and Accessibility

Dr Gihan Hamdy Elsisi American university in Cairo, Egypt  
 Dr Mohamed Farghaly Consultant, Dubai Health Authority, Emirates  
 Dr Shady Mansy Cardiology Consultant, Health insurance organization, Egypt  
 Prof Ahmed Bassiouni Prof of Neurology, Faculty of Medicine, Egypt  
 Prof Neveen Gado Prof of oncology, Faculty of Medicine, Egypt  
 Prof. Ramy Ghaly Prof of oncology, Faculty of Medicine, Egypt  
 Dr Omnia Ali Head of Medical Supply, Health Insurance Organization, Egypt  
 Dr Noha Alraes Director of Drug Supply, Health Insurance Organization, Egypt  
 Dr Ahmed Gaballa Market Access Department, EVA pharma, Egypt  
 Dr Sherif Askar Market Access Department, EVA pharma, Egypt  
 Dr Tamer Hefzy Market Access Department, EVA pharma, Egypt  
 Dr Riad Armanious CEO, EVA pharma, Egypt

## Introduction:

Multi-criteria decision analysis (MCDA) tool can guide the decision makers to choose between alternative treatments based on multiple criteria. Our main objective is to identify the most important criteria that can define and position high quality generics versus branded medications according to the Egyptian local context.

## Methods:

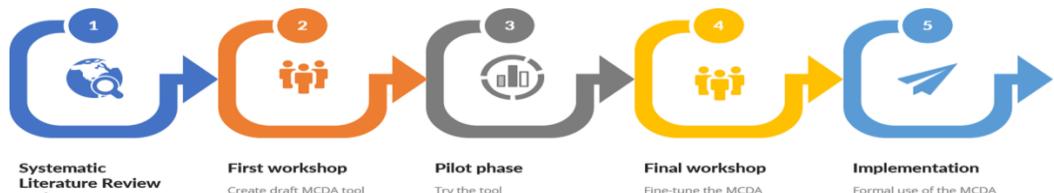
A focused group of Egyptian payers, clinicians and experts from Dubai health Authority in Emirates and HAS in France adapted an evident MCDA tool relevant to the Egyptian health care sector. A comprehensive list of quantitative criteria, qualitative domains, and economic considerations developed based on the available literature. Five criteria relevant to the local context were validated from the experts. A Delphi panel was constructed and a consensus was reached by quasi-Delphi panel approach.

## Results:

The prioritized six criteria are therapeutic area (15%), cost (28%), equivalence with the reference product (20%), previous use in local settings (12%), macroeconomic benefit (10%), followed by the supplier reliability (15%) were prioritized by using a 3-phased approach, including a targeted literature review, evaluation, and discussion among relevant stakeholders, scientific experts and key opinion leaders.

## Conclusion:

The MCDA tool could be used to improve the transparency and consistency of evidence-based decision making among the Egyptian population. This tool is expected to help decision-makers improve their process and attain better health outcomes for Egyptian patients, and enable both healthcare system sustainability and patient accessibility.



Identify pool of criteria and create draft scoring functions

For correspondence: [Gihan.elsisi@htaoffice.com](mailto:Gihan.elsisi@htaoffice.com)

Poster Code:  
HPR140