MCDA in Health System Management

BACKGROUND
Multi-Criteria Decision Analysis (MCDA) is a holistic, preference-based method that objectively measures competing projects on the same scale. This tool was developed in partnership with the Royal Brisbane and Women’s Hospital to meet administrative needs for a value-driven decision method.

SCORING METHODS
ROI = 10(Profit/Cost)
Capacity = (∆LOS * ppw) + (Added bed days/LOS)
Outcomes = Quality of Life + Satisfaction + Access
Safety = Australian Commission HACs
Training and Research = CPD hours
Risk = Using an accepted risk stratification tool

IMPLEMENTATION
Initial adoption findings:
- Reduced paperwork
- Consistent measures
- Value-driven

Limitations:
- Political drivers
- Yet another tool
- Can be manipulated