

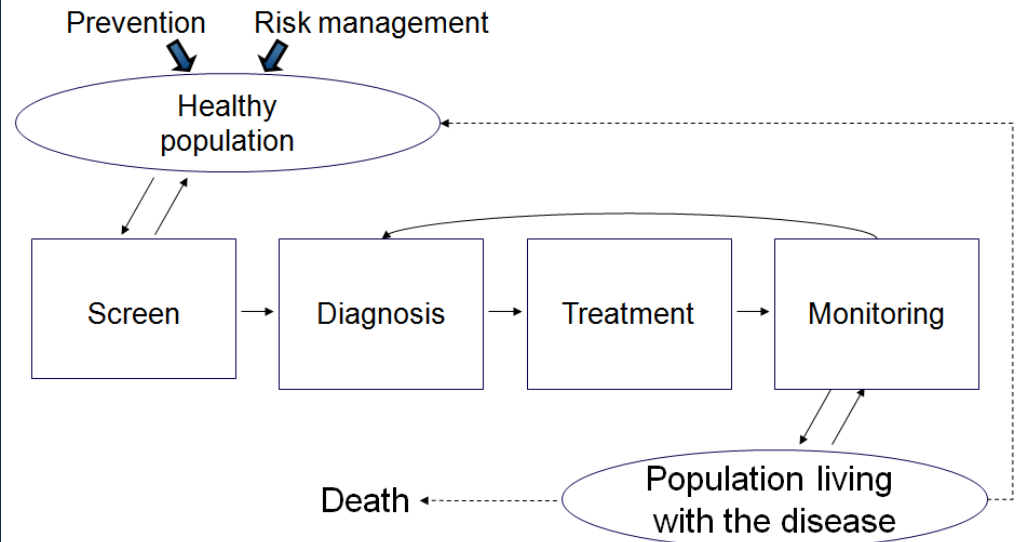
Healthcare Operations Research

Policy and Operations

- Capacity Planning
- Patient Flow Modeling
- Health Workforce Planning

Medical Decision Making

- Disease Modeling
- Outcomes Measurement
- Screening, Diagnosis, Monitoring and Treatment Decisions



Applied Statistics - State-space Models - Bayesian Updating -
Optimization - Dynamic Programming - Stochastic Control