

EPIDEMIX

AGENT BASED MODELLING



Problem:

Meningococcal meningitis is an inflammatory disease affecting the meninges of the spine and brain. It poses a great threat on the meningitis belt of Africa. The variable age distribution of meningococcal cases makes it complicated to control and manage outbreaks.

objectives

- Assess the impact of Men5CV Vaccine
- Use Agent-Based Modelling to simulate disease transmission
- Scenario Analysis & Result Interpretation
- Policy Recommendations

objectives

- ABM framework for simulation
- User-friendly interface to display and control simulations
- Educative articles

THE TEAM

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