

DISEASE CONTROL / DISEASE ELIMINATION / DISEASE ERADICATION

DISEASE CONTROL

- Agent is permitted to persist in the community at a level where it ceases to be a public health problem
- Aims in reducing
 - Incidence of disease (new cases)
 - Duration of the disease
 - Effects of infection
 - Financial burden of the

community

DISEASE ELIMINATION

- Interruption of transmission of disease.
- But the causative organism may be persisting in environment
- India has eliminated 4 disease till date (Eliminate M.Y. Guinea Labra)
- Maternal & neonatal tetanus
- Yaws
- Leprosy
- Guinea

Worm

- Next disease likely to be eliminated from India - Kala-azar & lymphatic filariasis

DISEASE ERADICATION

- Termination of all transmission of infection by extermination of the infectious agent
- Tearing out by roots of a disease
- Exhibits all or none phenomenon
- Small pox is the only disease that has been globally eradicated
- Next candidates for global

eradication

- Dracunculiasis Polio & Measles (Eradicate Dragon P.M.) Polio virus 2 declared eradicated on 20 sep 2015 (that's why Big Switch done from trivalent OPV to Bivalent OPV in April 2016)