

## 2. Strategic Approach

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### 2.1 Scenario based approach

India would be following a scenario based approach for preventing outbreak of Zika virus disease and for its containment if a local transmission emerges.

Following are the possible scenarios :

- 2.1.1 India is free from the Zika virus disease
- 2.1.2 Travel related case reported in India
- 2.1.3 Local transmission of Zika virus disease
- 2.1.4 Large outbreaks of Zika virus disease
- 2.1.5 India becomes endemic for Zika virus disease

Accordingly the Strategies for these scenario's are:

#### 2.1.6 India is free from the Zika virus disease

- There would be Surveillance at the (i) points of entry (ii) in the community supported by (iii) laboratory based surveillance and (iv) vector surveillance.
- Build up capacities for nationwide surveillance and response and to manage outbreak of Zika virus disease.
- Vector control measures
- Risk communication to travelers, clinicians about Zika virus disease, symptoms, presentations and expected actions.

#### 2.1.7 Travel related case reported / Local transmission of Zika virus disease

- Containment strategy followed by enhanced surveillance
- Risk communication
- Vector control measures
- Health care delivery

#### 2.1.8 Large outbreaks of Zika virus disease

- Enhanced vector control measures with adequate resource mobilization including community involvement.
- Enhanced surveillance for GBS and Microcephaly.
- Heightened risk communication and community engagement
- Health care delivery-clinical, psychosocial and long term follow up.
- Containment if the response measures succeed and cases decline rapidly.

### 2.1.9 India becomes endemic for Zika virus disease

- Programmatic approach for management through merger with NVBDCP Programme
- Surveillance and response for microcephaly and other neurological manifestations
- Health care delivery - clinical care, rehabilitation and psychosocial care.