

Q1) Apart from Vaccination, a Comprehensive approach has to be involved in Chengue Cases for efficient Vector Control and Proper Case management Examine?

A new tetravalent vaccine developed against the chengue virus has thrown new light on to effective management of chengue. But Prevention is better than Cure for chengue, for that we need some holistic approach to fight against chengue.

Causes of chengue Spread

- 1) Improper Sanitation, Urbanisation, Poor town planning
- 2) Not care after and intermitted rainfall
- 3) Lack of awareness among the people, especially in rural areas.

Challenges Faced by Nation to Tackle Dengue Spread

2.1) Lack of Sufficient health workers

Dengue controlled by the Preventing Water Stagnation and using chemical Larvicides and adulticides, but unfortunately the number of Skilled workers available for such measures is low. Apart from Skilled workers, more health staffs needed for spread awareness about dengue.

2.2) Complementary Medicines Usages

Usage of Complementary medicines like Ailavembu Kudineer and Peppya Leaf Extract widely usage among rural areas of southern India to prevent dengue fever. But its scientific benefits not yet to be proved.

2.3) Exclusive dengue Surveillance System does not exist

~~There~~ ^A Proper Coordination of Surveillance System across nation still not exist.

3 Way Forward

3.1

1) Preventive measures taken by the local authority at pre-monsoon period to avoid impact of dengue

3.2

1) Usage of Modern technologies

Sri Lanka uses "drone technology" for inspection of mosquito breeding sites, Singapore "Gps" system for some purpose

3.3

1) Coordination for Surveillance

All the local and state level dengue surveillance platforms ^{each other} connected and also need to connect with National Vector Borne Disease Control Programme (NVBDcp)

Grass root level surveillance and awareness need for tackle the spread of vector borne disease like dengue. Latest vaccine development is a good step but always ~~remember~~ remember prevention is better than cure.