

**ERADICATE DENGUE! SAVE LIFE!!**

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## **INTRODUCTION:**

### **DENGUE ERADICATION DAY:**

DENGUE ERADICATION DAY was observed on 5.10.17 in PINKZ PUBLIC SCHOOL. On that morning the Principal of PINKZ PUBLIC SCHOOL, Mr. John Merlin Inbakumar instructed the students that, on behalf of the Student's Parliament, children must take action against the spread of DENGUE on every Thursday in and around the school premises. As the first step children were made to take pledge on DENGUE ERADICATION..

### **லெட உ திெமாழி:**

- I, the student of PINKZ PUBLIC SCHOOL, take an oath that, I will take efforts to prevent the growth of Aedes Aegypti mosquitoes, which is the reason for the spread of Dengue.
- I will take steps to prevent the breeding of these mosquitoes in and around my home and my school on every Thursday.
- I assure that, I will not allow water to stagnate in tanks, pots etc
- I will not throw coconut shells, plastic containers and waste materials outside my house.
- I will also spread this message to neighbours and assist them in carrying out anti-larval operations.

### **Distribution of Nilavenbu Herbal Tonic:**



On 24.08.17, the KALAMBUR, PRIMARY HEALTH EDUCATION CENTRE, issued Nilavenbu Herbal Tonic to all the students of PINKZ PUBLIC SCHOOL. On this auspicious occasion the Adl. Correspondent Mrs, Chitra Ramesh and the respected Health Inspector Mrs. Bhuvana were patron of the programme. The Principal Mr. John Merlin Inbakumar presided over this occasion and the Chief Guest Shri. Sunder gave a short speech on DENGUE AWARENESS and inaugurated the function.

### **DENGUE AWARENESS WEEK (16.10.2017-21.10.2017)**



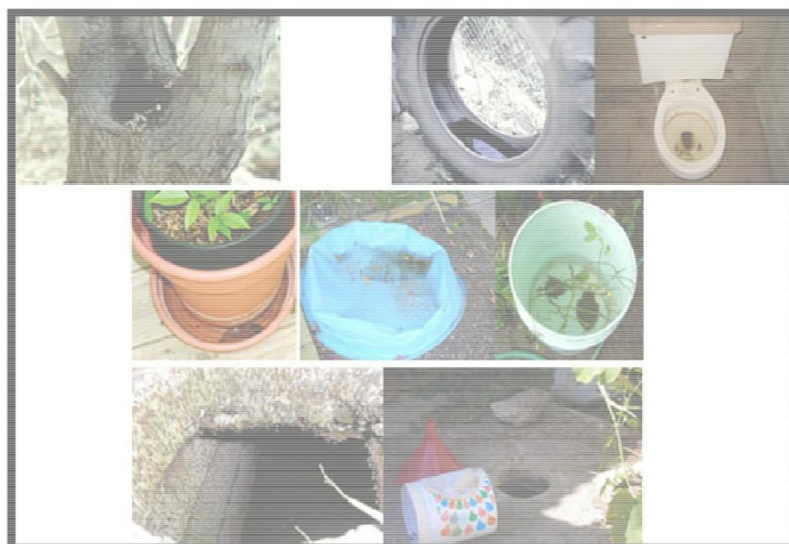
From 16.10.17 to 21.10.17 DENGUE AWARENESS WEEK was observed in PINKZ PUBLIC SCHOOL. Dengue awareness programme was conducted for the students from Grade III to Grade XII in the above cited days.

The virus which spreads the Dengue were, Arbo Virus, *Aedes albopictus* and *Aedes Aegypti*.

### **TIMINGS OF MOSQUITO BITES.**

During the day time these type of mosquitoes bites the human..

### **Breeding of mosquitoes:**



Dengue mosquitoes lay eggs on stagnated water. Eg:- When the water stagnates on plastic cups, rubber tubes, coconut shells, tyres, flower pots etc these mosquitoes lay eggs and starts breeding.

### **ORIGIN OF DENGUE:**

The first record of a case of probable dengue fever is in a Chinese medical encyclopedia from the Jin Dynasty (265–420 AD) which referred to a “water poison” associated with flying insects. A fever associated with DENGUE was recorded in West Indies during the year 1635.

The first recognized Dengue epidemics occurred almost simultaneously in Asia, Africa, and North America in the 1780s, shortly after the identification and naming of the disease in 1779. The first confirmed case report dates from 1789 and is by Benjamin Rush, who coined the term "breakbone fever" because of the symptoms of myalgia and arthralgia.

In the beginning of 1820, a disease which had symptoms of Dengue was identified in some parts of South Africa. It was believed that the disease was caused by an evil spirit

and they called it as “ki denga pepo” in Swagili language. During 1827-28, the disease has been named as DENGUE by the Spanish Carribeans. In 1906 it was confirmed that the disease was caused by Aedes Aegepty mosquitoes.

### **NATURE OF DENGUE.**

The virus is transmitted from an infected mosquito to a human. A mosquito bites a person who is infected with the dengue virus, and the virus is passed on when the mosquito bites someone else. After a mosquito gets infected by biting an dengue infected person, the virus reaches the mosquitoes stomach. In about 8 to 10 days this virus the virus spreads all over the mosquitoes body. When this mosquito bites a healthy person, it injects the infected salaiva into the healthy person’s body. So he also gets infected. Thus this virus takes 8 to 10 days to spread.

### **செநாய் பார்டர்.**

Dengue fever affects mostly the young children and infants only. Compared to men only women get affected by Dengue. When a human affected by diabetes and asthma gets Dengue infection even his life becomes danger.

### **SYMPTOMS OF DENGUE:**

#### **3 SYMPTOMS OF DENGUE:**

- 1.Fever,
2. Severe stage,
3. Recovering stage.

As a first symptom of this viral attack, we get a fever with temperature 40 °C (104 °F) along with fever we also get head ache and pain behind the eyes. Normally fever extends up to 2 to 7 days. Very rarely the fever in few children extends from 2 to 7 days. And the child will be normal for next 1 or 2 days and again gets fever. If the fever continues for more than 10 days then it may not be a dengue fever. In this stage we can see the following symptoms. They are,

Head ache

Pain behind the eye.

Muscle pain

Vomiting and vomiting sensation.

Itching in few parts of the body.

Feeling no hunger.

Throat pain.

Slight bleeding( bleeding in gums, bleeding from nose, extending of periods, bleeding in urine)

Reduction of white blood cells.

In the beginning stage of fever few people may get an itching on the skin. On the first or second day skin turns into red in colour. On the 4 -7 days people will get red dots on the skin. Then we may get itching on the face and skin. During this stage few people may get bleeding in the nose and in the gums . Few may be affected more severely. Even after we get cure, this symptom may prolong for 1 or 2 days. At this stage people get water tumors in various parts of the body.

So they get breathing problem and swelling of stomach. At this stage few parts of the body malfunctions. If proper medication has not been done during that period it leads to final stage of dengue.

During the recovering stage, the fluid that has been secreted will get inside the nerves. It extends up to 2 or 3 days. During that period irritation, low heart beat can happen.If the fluid secretion exceeds it leads to malfunctioning of brain which causes unconsciousness, paralytic attack etc. If the treatment does not suit, it will lead to death.

### **PREVENTIVE MEASURES:**

The best way to reduce mosquitoes is to eliminate the places where the mosquito lays her eggs, like artificial containers that hold water in and around the home. In urban areas, Aedes mosquitos breed on water collections in artificial containers such as plastic cups, used tires, broken bottles, flower pots, etc. Periodic draining or removal of artificial containers is the most effective way of reducing the breeding grounds for mosquitos. Larvicide treatment is another effective way to control the vector larvae but the larvicide chosen should be long-lasting and preferably. There are some very effective insect growth regulators (IGRs) available which are both safe and long-lasting (e.g. pyriproxyfen). For reducing the adult mosquito load, fogging with insecticide is somewhat effective.

### **SLOGANS:**

Dengue awareness programme was conducted for the students of PINKZ PUBLIC SCHOOL from Grade III to Grade XII in the month of August on 21 and 24, 2017.

1. Creating clean environment.
2. Don't burn the garbage.
3. Dear parents, save kids from dengue.
4. Eradicate dengue and minimise the expense of Government.,
5. Saving my environment is my duty.

6. Life is short, so prevent lives from dengue. Eradicate dengue.
7. Cover the well and prevent the growth of dengue mosquitoes.

**CONCLUSION:**

1. Avoid stagnation of water in and around the house.
2. Unused bottles, tyres, coconut shells, plastic cups, mud pots and tyres must be disposed properly.
3. Person who has fever frequently must visit Primary Health Centres immediately.
4. All the vessels, barrels etc must be closed properly with lids.