



## **MAHATMA GANDHI MISSION'S DENTAL COLLEGE & HOSPITAL**

Accredited by NAAC with "A++" Grade  
Plot No. 1 & 2 Sector-01 (Old 18 & 19),  
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### **AWARENESS ABOUT DIET AND DENTAL CARIES AT PRABHADEVI MUNICIPAL PRIMARY AND SECONDARY SCHOOL**

**Date:** 19/03/2024

**Venue –** Municipal Primary and Secondary School, Prabhadevi

**Faculty:** Dr. Vaibhav Thakkar

**Organizing Agency:** Department of Public Health Dentistry, NSS Unit of MGMDCH, IDA

**Number of Students attended:** 4

Nutrition affects oral health, and oral health affects nutrition. This interdependent relationship sees good nutritional health promoting good oral health and vice versa. Nutrition is a major factor in infection and inflammation. Several reports emphasize the synergistic relationship between malnutrition, infectious diseases and the immune system; for example, infections promote malnutrition, the malnutrition elicits dysfunctions of the immune system, and this impaired immunity intensifies the infectious disease. Indian Dental Association, Prabhadevi along with MGM Dental College & Hospital conducted a dental camp for educating and promoting awareness about diet and dental caries among school children. This was extended to population of primary & secondary school Prabhadevi with the aim to create awareness about diet & dental caries

#### **Aim and objective:**

1. To assess the oral health status of the population
2. To create awareness about the diet and dental caries
3. To provide basic dental care for their existing dental problems.

#### **Method:**

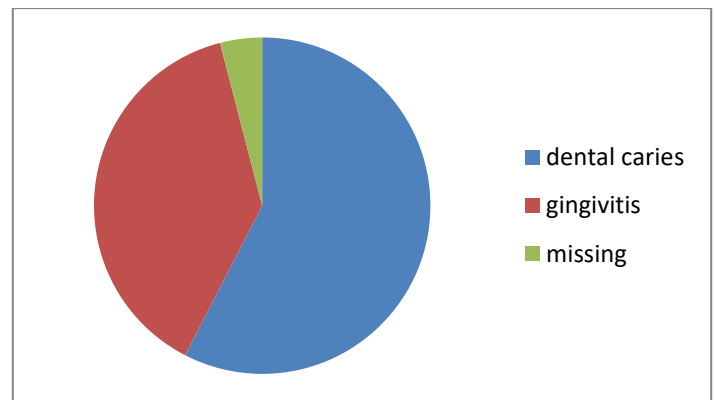
The patients were assessed using a mouth mirror and probe on the dental chair. The oral health statuses of the residents were evaluated and they were explained about the do's and don'ts in diet and dental caries. They were demonstrated proper brushing techniques. Various preventive and corrective measures to be

undertaken were explained to the school children. The children who consented for treatment were provided with basic dental care for their existing dental problems. Children having extensive dental problems were referred to MGM Dental College & Hospital for further treatment.

**Observations:** A total of 95 patients were examined for various dental problems. Those requiring extensive treatment were referred to MGM Dental College and Hospital, Kamothe.

**Oral health status:**

|               | No. of individuals | Percentage % |
|---------------|--------------------|--------------|
| Dental caries | 55                 | 57           |
| Gingivitis    | 36                 | 38           |
| Missing       | 4                  | 4            |



**Interpretation and conclusion:**

- Knowledge of visitors regarding nutrition was good.
- Dental caries and gingivitis were most prevalent in the evaluated group. This was followed by missing. Preventive and corrective measures were undertaken to prevent further deterioration of oral health.
- Treatment: As a part of preventive treatment measures, silver amalgam filling was done and oral prophylaxis was provided to the patients at MGMDCH, Kamothe, Navi Mumbai



**Investigation done by the team members**



**Demonstration being done by team members on oral hygiene**

### List of Attendees

| Sr. No | Name of faculty                       |
|--------|---------------------------------------|
| 1      | Dr. Vaibhav Thakkar                   |
|        | <b>Name of Interns &amp; Students</b> |
| 2      | Karuna Mishra                         |
| 3      | Sangeeta Sharma                       |
| 4      | Rasika Chikhale                       |
| 5      | Khushi Sharma                         |