



MAHATMA GANDHI MISSION'S DENTAL COLLEGE & HOSPITAL

Accredited by NAAC with "A++" Grade
Plot No. 1 & 2 Sector-01 (Old 18 & 19),
Kamothe, Navi Mumbai- 410209
E-Mail ID: mgmdch@mgmmumbai.ac.in



ROLE OF SUGAR IN DENTAL CARIES AT DSP INTERNATIONAL SCHOOL, KAMOTHE

Date: 5/8/24

Venue: DSP international school, Kamothe

Faculty: Dr. Kashmira Kadam, Dr. Agraja Patil

Organizing Agency: PHD Dept, MGMDCH; NSS Unit, MGMDCH; DSP INTERNATIONAL SCHOOL, KAMOTHE

Number of Students attended: 06

NSS unit conducts dental camp for educating and creating awareness among students. This was extended to population of DSP INTERNATIONAL SCHOOL , KAMOTHE, with the aim to create awareness about awareness about role of sugar in dental caries. The role of sugar (and other fermentable carbohydrates such as highly refined flour) as a risk factor in the initiation and progression of dental caries is of great importance.

Aim and objective:

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

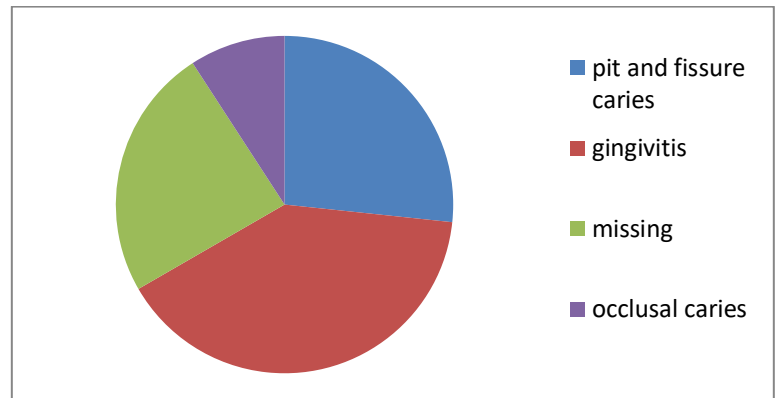
Method:

The patients were assessed using tongue depressors in bright day light vision. The oral health statuses of the visitors were evaluated and they were explained about the role of sugar in dental caries. They were demonstrated proper brushing techniques. Various preventive and corrective measures to be undertaken were explained to the patients. The visitors who consented for treatment were provided with basic dental care for their existing dental problems. Visitors having extensive dental problems were referred to MGM Dental College & Hospital for further treatment.

Observations: A total of 575 patients were examined for various dental problems. Those requiring extensive treatment were referred to MGM Dental College and Hospital, Kamothe.

Oral health status:

Condition	No. of individuals	Percentage %
Occlusal caries	186	32
Pit and fissure caries	275	48
Gingivitis	167	29
missing	64	11



Interpretation and conclusion:

- Knowledge of visitors regarding nutrition was good.
- Pit and fissure caries, occlusal caries and gingivitis, was evaluated.
- Occlusal caries were most prevalent in the evaluated group. This was followed by pit and fissure caries, at last was followed by missing. Preventive and corrective measures were undertaken to prevent further deterioration of oral health.
- Treatment: Screening was done at DSP INTERNATIONAL SCHOOL , KAMOTHE



Investigation Being Done by the Team Members

List of Attendees

Sr. No	Name of faculty
1.	Dr. Kashmira Kadam
2.	Dr. Agraja Patil
	Name of Interns
3	Dhrishi Patel
4	Shruti Patil
5	Nidhi Choudhari
6	Vallabh Sawant
7	Vaishnavi Nevase
8	Ishan Birar