



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 OF ROLE OF SUGAR IN DENTAL CARIES AT VIDYADEEP SCHOOL , VIKROLI

Date: 4th September 2023

Venue: Vidyadeep School, Vikroli

Faculty: Dr. Ankit Shah, Dr. Neeraj Kolge

Organizing Agency: Department of Public Health Dentistry, NSS Unit of MGMDCH & Rotary club

Number of Students attended: 7

Dental caries is a chronic disease which can affect us at any age. The term "caries" denotes both the disease process and its consequences, that is, the damage caused by the disease process. Dental caries has a multifactorial etiology in which there is interplay of three principal factors: the host (saliva and teeth), the microflora (plaque), and the substrate (diet), and a fourth factor: time. 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 overwhelming. MGM Dental College consistently takes efforts for the awareness of oral health care to the community. The oral care initiative was also extended to children at Vidyadeep School with the intention of creating awareness about role of sugar causing dental caries and providing oral health care to the children.

Aim and objective:

1. To create awareness amongst children about sugar causing dental caries
2. To educate them and create awareness about oral health.
3. To assess the oral health status of children.

Method:

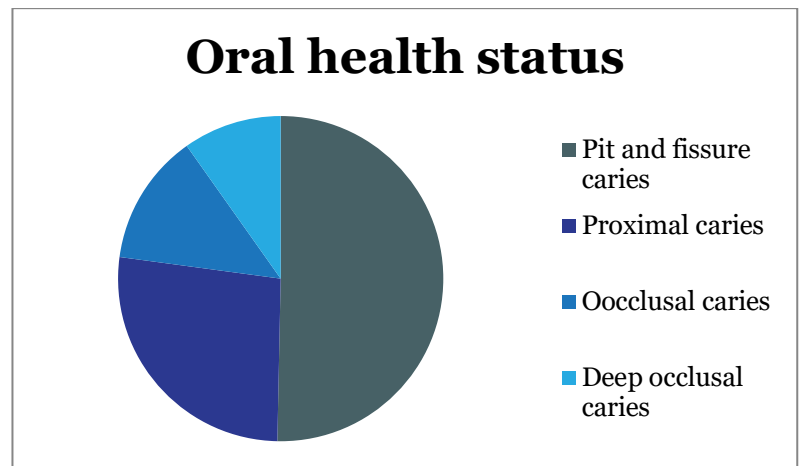
Type IV examination was carried out using tongue depressor and available illumination. Evaluation of all the children for oral health status and explanation regarding correction of the dental problems was given. The children were made aware about role of sugar causing dental caries by showing videos regarding its progression

if not treated and also preventive measures for the same was given. Demonstration of brushing technique was shown to children on a model.

Observations: A total of 306 children were examined for various dental problems. Those requiring extensive treatment were referred to MGM Dental College and Hospital, Kamothe.

Oral health status:

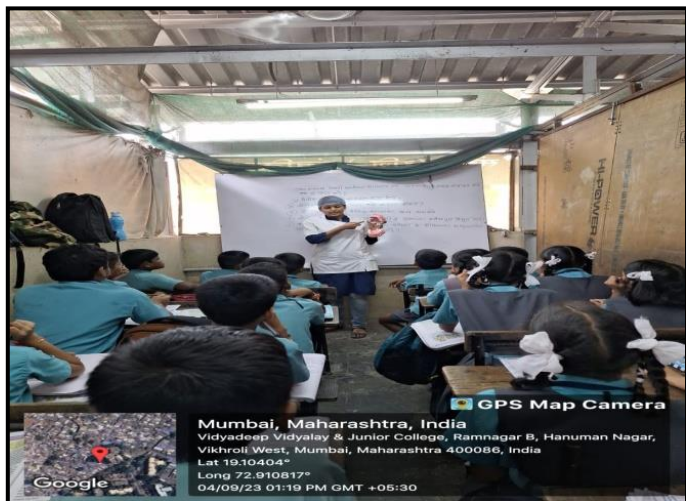
Condition	No. of individuals	Percentage %
Pit and fissure caries	154	50
Proximal caries	82	27
Occlusal caries	40	13
Deep occlusal caries	30	10



Interpretation and conclusion:

Pit and fissure caries is the most common problem among the children followed by proximal caries.

Oral health education and prevention strategies should be implemented in order to reduce the disease burden among these children.



**DEMONSTRATION OF BRUSHING
TECHNIQUE BY THE TEAM MEMBER**



**INVESTIGATION BEING DONE BY
THE TEAM MEMBER**

List of Attendees

Sr. No	List of Participants
Name of faculty	
1	Dr. Ankit Shah
2	Dr. Neeraj Kolge
Name of Interns & Students	
3.	Priyanka Gorde
4.	Rutuja Mhatre
5.	Prajakta Survase
6.	Mariyam Khan
7.	Gauri Pawar
8.	Akshada Kapse
9.	Parvan Khan