



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 IMPORTANCE OF PIT AND FISSURE SEALANTS PAWAR PUBLIC SCHOOL, CHANDIVALI, POWAI

Date: 3rd April 2023

Venue: Pawar Public School, Chandivali, Powai

Faculty: Dr. Pankaj Londhe, Dr. Agraja Patil

Organizing Agency: PHD Dept MGMDCH; NSS Unit, MGMDCH and Rotaract Club of Bombay Mid City

Number of Students attended: 05

Pit and fissure sealants are one of several methods for staving off the decay that leads to dental caries. So MGM Dental College & Hospital undertook an awareness program to educate the students of Pawar Public School, Chandivali about the importance of pit and fissure sealants.

Aim and objective:

1. To educate them about the benefits of pit and fissure sealants among the students.
2. To assess the oral health status and awareness about importance of pit and fissure sealants of the students and staff of Udaan Foundation School conducted at Pawar Public School, Chandivali, Powai.

Method:

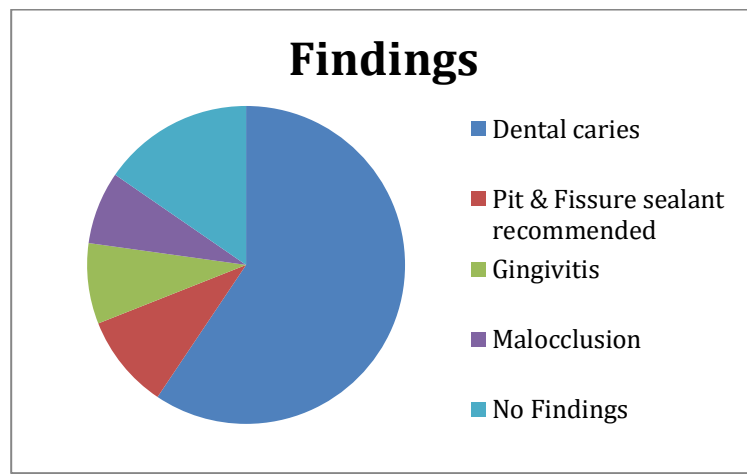
An awareness program on importance of pit and fissure sealants for the school children was undertaken where they were explained that Sealants are a safe and painless way of protecting their teeth from tooth decay. The sealant forms a hard shield that keeps food and bacteria from getting into the tiny and deep grooves in the teeth and causing decay. A thorough dental evaluation of the child's new permanent teeth will determine whether or not they have pits and fissures and whether they are at increased risk of developing dental caries. Not all teeth that carry this condition require sealing, which is why a dentist can perform an analysis of these new teeth to see if sealing is necessary. Having determined whether the pits and fissures are deep enough to warrant the application of a sealant, the dentist will make this recommendation. Hence an oral

examination was also carried for all the participating children with the use of mouth mirror, probe and a torch. The oral health status of the students and also the staff was evaluated and they were explained about the nature of their oral health problems. Various preventive and corrective measures like the importance of pit and fissure sealants to be undertaken were explained and recommended to the students. The students and staff having extensive dental problems were referred to MGM Dental College & Hospital for further treatment.

Observations: A total of 500 patients were examined for their various dental problems. Those requiring extensive treatment were referred to MGM Dental College and Hospital, Kamothe.

Oral health status:

Condition	No. of individuals	Percentage %
Dental caries	297	59.4%
Pit & Fissure sealant recommended	48	9.6%
Gingivitis	41	8.2%
Malocclusion	37	7.4%
No findings	77	15.4%



Interpretation and conclusion:

- Dental caries was the most prevalent disease in the evaluated group. So prevention strategies to curb the caries have to be employed. Preventive and corrective measures were explained to prevent further deterioration of oral health. Many students were recommended to undergo Pit & Fissure Sealants as it was indicated to further prevent caries in their teeth.



Team members at camp site

List of Attendees

No.	NAME OF PARTICIPANTS
LIST OF FACULTY	
1	Dr. Pankaj Londhe
2	Dr. Agraja Patil
LIST OF STUDENTS	
3	Shreya Sachin Desai
4	Maitreyee Bhosale
5	Nachiket Amrutkar
6	Samruddhi Nagaonkar
7	Sheba Mathew