



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



AWARENESS ABOUTS PIT AND FISSURE SEALANTS AND THEIR APPLICATION AT SHRI NARAYAN BABA CHARITABLE TRUST, PANVEL

Date: 17th October 2024

Venue: Shri Narayan Baba Charitable Trust, Panvel

Faculty: Dr. Swati Singh, Dr. Neeraj Kolge

Organizing Agency: Department Of Public Health Dentistry, MGMDCH, NSS unit of MGMDCH, Shri Narayan Baba Charitable Trust, Panvel

Number of Students attended: 04

A routine dental check-up is important to ensure that there are no issues with your oral health and to detect any concerns as early as possible. Pit and fissure sealant application is a safe and painless procedure which prevents tooth decay by protecting the occlusal surfaces of teeth from bacteria. MGM Dental College constantly takes efforts of extending the oral health care to the community. The oral care initiative was also extended to patients at Shri Narayan Baba Charitable Trust, Panvel with the intention of creating awareness about maintaining proper oral hygiene and its advances along with providing oral health care to the patients.

Aim and objective:

1. To make patient aware about pit and fissure sealants and their application
2. To evaluate the oral health condition of patients.
3. To educate and create awareness about importance of regular dental check-ups.

Method:

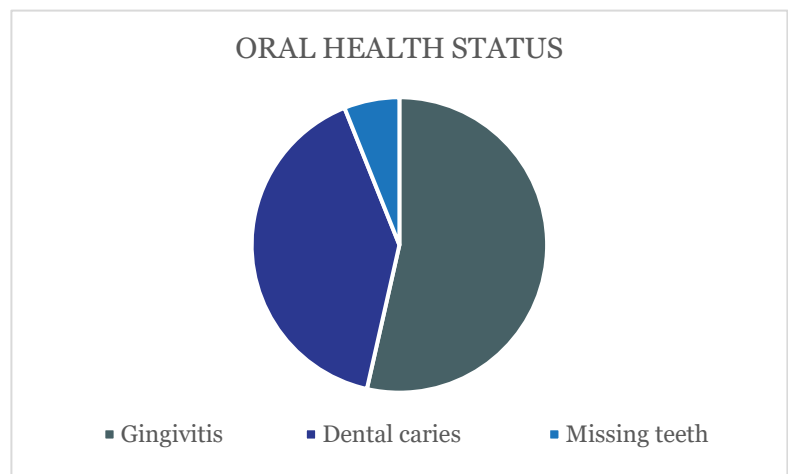
A routine dental check-up helps with the prevention of a range of oral health conditions, including but not limited to periodontal diseases, teeth decay and teeth stains. Type III Examination was carried out with the use of mouth mirrors and probes in day light. All the patients were assessed for oral health status and were explained the need to get the problems corrected. The patients were made aware of the existing dental problems and

preventive measures like application of pit and fissure sealants were explained. Tooth Brushing techniques were demonstrated.

Observations: A total of 15 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 %
Gingivitis	8	53
Dental caries	6	40
Missing teeth	1	6



Interpretation and conclusion:

1. Gingivitis is the most common problem among the patients followed by dental caries.
2. Oral health education and prevention strategies should be implemented in order to reduce the disease burden among patients.
3. Patients were encouraged to opt for pit and fissure sealants for caries prevention.



INVESTIGATION BEING DONE BY TEAM MEMBERS

List of Attendees

Name of Staff	
1.	Dr. Swati Singh
2.	Dr. Neeraj Kolge
Name of Interns & Students	
3.	Sanskaar Shankhala
4.	Shraddha Bansode
5.	Mitali Gala
6.	Saket Game