



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 REGARDING PIT AND FISSURE SEALANT IN KIDS AT ZP SCHOOL KOTHIMBE, KASHELE

Date: 14th September 2023

Venue: ZP School, Kothimbe, Kashele

Faculty: Dr. Pankaj Londhe, Dr. Prachiti Terani

Organizing Agency: Department of Public Health Dentistry & NSS Unit of MGMDCH, Rural Hospital Kashele

Number of Students attended: 06

Dental caries is a multifactorial disease caused by alteration in the composition of the bacterial biofilm, leading to an imbalance between the demineralization and remineralization processes and manifested by the formation of caries lesions in primary and permanent dentitions. The plaque retentive nature of pits and fissures make them difficult to clean, thereby causing them to be more susceptible to caries than smooth surfaces and possibly not to be protected by fluoride administration. The oral care initiative in preventing dental caries was extended by MGM Dental College to patients at ZP school Kothimbe, Kashele with the intention of creating awareness regarding pit and fissure sealant for adolescent kids and providing oral health care to the patients.

Aim and objective:

1. To assess the oral health status of patients and to provide necessary Dental treatment.
2. To educate them and create awareness regarding pit and fissure sealant and maintaining oral hygiene.

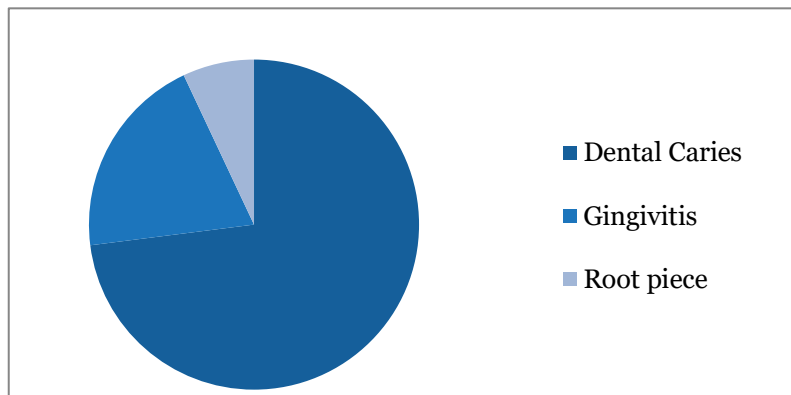
Method:

Pit and fissure caries were treated using Type IV GIC restorative material. 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 importance of maintaining good oral hygiene.

Observations: A total of 79 patients were treated for pit and fissure caries. Those requiring extensive treatment were referred to MGM Dental College and Hospital, Kamothe.

Oral health status:

Condition	No. of individuals	Percentage %
Dental caries	104	73
Gingivitis	28	20
Root piece	10	7



Interpretation and conclusion:

Dental caries is the most prevalent infectious disease which leads to cavitations and further deterioration of dental health.

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



INVESTIGATION BEING DONE BY THE TEAM MEMBER



TEAM MEMBERS WHO ATTENDED THE CAMP

List of Attendees

Sr. No	List of Participants
Name of faculty	
1	Dr. PankajLondhe
2.	Dr. PrachitiTerani
Name of Interns & Students	
3.	Vedanti Panditkar
4.	Siddhi Pansare
5.	Siddhi Patil
6.	Vaishnvi Rane
7.	SanchiGajbhiye
8.	Mitali Gala