



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
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STEPS IN ROOT CANAL TREATMENT AT LOKNETE RAMSETH THAKUR PUBLIC SCHOOL **ULWE**

Date: 31st July 2024

Venue: Loknete Ramshet Thakur Public School

Faculty: Dr. Rafeeq Nalband, Dr. Neeraj Kolge

Organizing Agency: Department of Public Health Dentistry, NSS unit of MGMDCH, Lions club of Kamothe

Number of Students attended: 10

The pulp complex should be conceptualized as a continuum beginning occlusally at the pulp horns and ending at the apical foramina.¹ In order to remove pulp tissue entirely from the pulp complex, the coronal portion of the complex must be accessed in a manner that will permit pulp removal and facilitate the location and debridement of the root canals without compromising the strength of the coronal enamel and dentin. This process of cleaning and shaping the pulp complex can be broken down into four stages: pre-access analysis, removal of the pulp chamber roof, identification of the pulp chamber and floor root canal orifices, and instrumentation of the root canals. MGM Dental College constantly takes efforts of extending the oral health care to the community. The oral care initiative was also extended to the population visiting Loknete Ramshet Thakur Public School with the intention of creating awareness about importance of brushing technique and providing oral health care to the patients.

Aim and objective:

1. To educate students about importance of Dental Caries and its prevention
2. To assess the oral health status of patients.
3. To educate and create awareness about oral health.

Method:

Students were explained about the step by step root canal treatment. They were explained about the importance of learning about Dental Caries and effect of the same on overall oral health of the patients. Removal of the pulp tissue begins with an analysis of the anatomy of the tooth being treated and the anatomy of

the surrounding tissues. In order to remove the contents of the root canal system, the coronal portion of the system, the pulp chamber and the radicular pulp must be identified. A tooth consists of more than just the exterior shell or enamel; it contains dentin, a pulp chamber, root canal, and nerves. When unexposed, the tooth will function normally, and be pain-free. However, once tooth decay starts to spread their becomes a problem. A decaying tooth will not stop its process; it will continue to grow larger, the only hope a person has to save their tooth, and prevent any pain associated is with a root canal procedure. Endodontic treatment becomes necessary when the tooth decays, the pulp chamber is filled with diseased tissue, and the infection spreads to the root canal. A person who has an infected tooth will feel massive amounts of pressure and pain. In most cases, this pain is what brings them to the dentist for help.

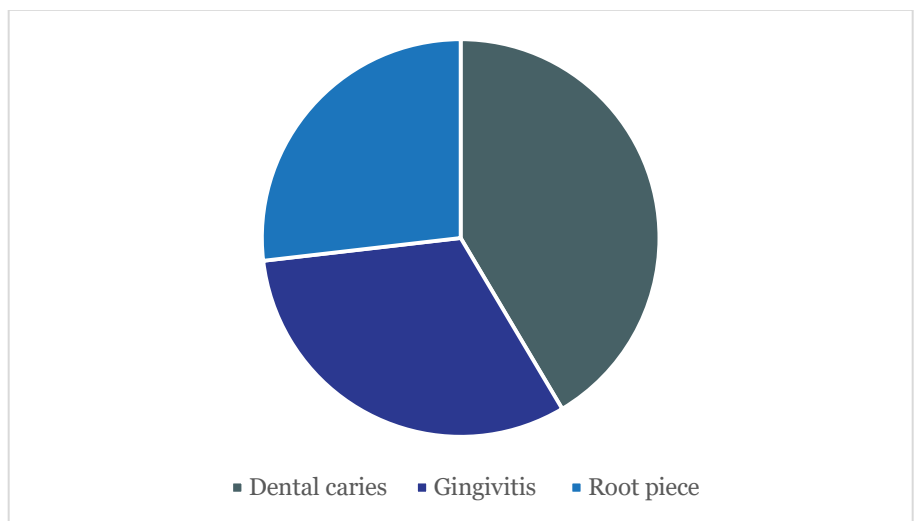
All this was explained using pictorial banner during the program.

After the awareness program, oral examination was conducted using mouth mirror and probe. 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 were explained.

Observations:

1. It was observed that patients had history of consuming high sugar diet due to which percentage of dental caries increased.
2. A total of 283 patients were examined for various dental problems. Those requiring extensive treatment were referred to MGM Dental College and Hospital, Kamothe.

Condition	No. of individuals	Percentage %
Dental caries	96	34
Gingivitis	74	26
Root piece	61	22



Interpretation and conclusion:

1. Seeing a high percentage of population affected by dental caries indicated they were not aware of proper brushing technique.
2. Dental caries is the most common problem among the patients followed by gingivitis.
3. 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. Rafeeq Nalband
2.	Dr. Neeraj Kolge
Name of Interns & Students	
3.	Ishan Birar
4.	Prutha Pargaonkar
5.	Akansha Gaurav
6.	Vaishnavi Sankhe
7.	Michelle Fernandes
8.	Roshi Kushalani
9.	Pranav Patil
10.	Khan Areeba Akram
11.	Kanchwala Ummehani Huseni