



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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UNDERSTANDING DIFFERENT TYPES OF TOOTH SENSITIVITY AT WAVANJE PHC

Date: 11th December 2024

Venue: Wavanje PHC

Faculty: Dr. Swati Singh, Dr. Neeraj Kolge

Organizing Agency: Department Of Public Health Dentistry, MGMDCH , NSS Unit of MGMDCH

Number of Students attended:4

Tooth sensitivity can be categorized into several types based on the underlying cause, location, and duration. Here are some of the different types of tooth sensitivity:

1. Dentine Hypersensitivity-This type of sensitivity occurs when the dentine (the layer beneath the enamel) is exposed, allowing hot or cold substances to reach the nerves.
2. Pulpal Sensitivity-This type of sensitivity is related to the pulp (the soft tissue inside the tooth) and can be caused by decay, cracks, or other injuries.
3. Reversible Sensitivity-This type of sensitivity is temporary and can be caused by factors such as teeth grinding, acidic foods, or recent dental work.
4. Irreversible Sensitivity-This type of sensitivity is permanent and can be caused by factors such as advanced decay, gum recession, or nerve damage.
5. Thermal Sensitivity-This type of sensitivity occurs in response to temperature changes, such as hot or cold foods and drinks.
6. Mechanical Sensitivity-This type of sensitivity occurs in response to physical stimuli, such as brushing or biting.
7. Chemical Sensitivity-This type of sensitivity occurs in response to acidic or sweet substances.

8. **Dentinal Tubule Sensitivity**-This type of sensitivity occurs when the dentinal tubules (small channels in the dentine) are exposed, allowing substances to reach the nerves.
9. **Cracked Tooth Sensitivity**-This type of sensitivity occurs when a tooth is cracked, allowing bacteria to enter the tooth and cause pain.
10. **Gum Recession Sensitivity**-This type of sensitivity occurs when the gums recede, exposing the roots of the teeth and causing sensitivity.

If you are experiencing tooth sensitivity, it is essential to consult with a dentist to determine the underlying cause and receive proper treatment. 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 WAVANJE PHC with the intention of creating awareness about causes of tooth sensitivity.

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 about the management of dental emergencies.
3. Effect of regular check-up on overall health of the individuals.

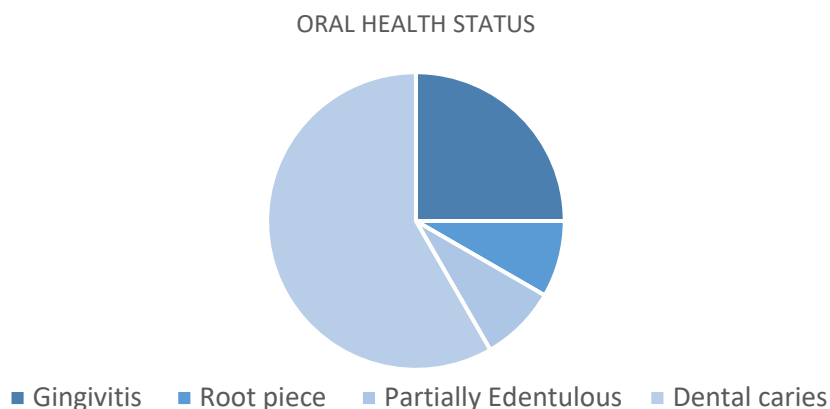
Method:

The tooth sensitivity has reportedly been a major concern since the beginning. A type II examination was carried out with the use of mouth-mirror and probe in mobile dental van. All the patients were assessed for oral health status and were explained about various causes for the sensitivity of their teeth and how they can effectively get over it by concerning with their doctors regularly and getting the treatment done as early as possible. The patients were made aware of the existing dental problems and how nutrition can affect the dental health of a patient.

Observations: A total of 17 patients were examined for various dental problems. Those requiring extensive treatment were further referred to MGM Dental College and Hospital, Kamothe.

Oral health status:

Condition	No. of individuals	Percentage %
Dental caries	10	58.4
Gingivitis	5	25
Root piece	3	8.3
Prosthesis	3	8.3



Interpretation and conclusion:

1. Dental caries and gingivitis are the most common problem among the children which can be reduced by utilizing proper diet and nutrition and also regulating the sugar intake and using sugar substitutes. A regulated sugar intake and sugar substitutes can lead to decrease in the number of decayed teeth.
2. Oral health education and alternatives of sugar strategies should be implemented in order to reduce the disease burden among children. Majority of the oral diseases are due to lack of proper health education of the patient and insufficient dietary intake and effects of sugar intake.



INVESTIGATION BEING DONE BY THE TEAM MEMBER

List of Attendees

Name of Staff	
1.	Dr. Swati Singh
2.	Dr. Neeraj Kolge
Name of Interns& Students	
3.	R.Avinash
4.	Anjali Daga