



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 ATRAUMATIC RESTORATIVE TREATMENT AT WAVANJE PHC

Date: 31st July 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

The Atraumatic Restorative Treatment (ART), which is a minimally invasive approach to treat carious teeth, was first used more than 30 years ago in Tanzania. The approach entails using hand instruments only, for accessing carious lesions and removing decomposed dentine, followed by sealing of the cavity with a glass-ionomer cement. As ART does not require the use of the drill or local anaesthesia, no clinical setting is required. This made it a very suitable approach to treat underserved populations, with little or no access to oral healthcare. 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 atraumatic restorative treatment.

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:

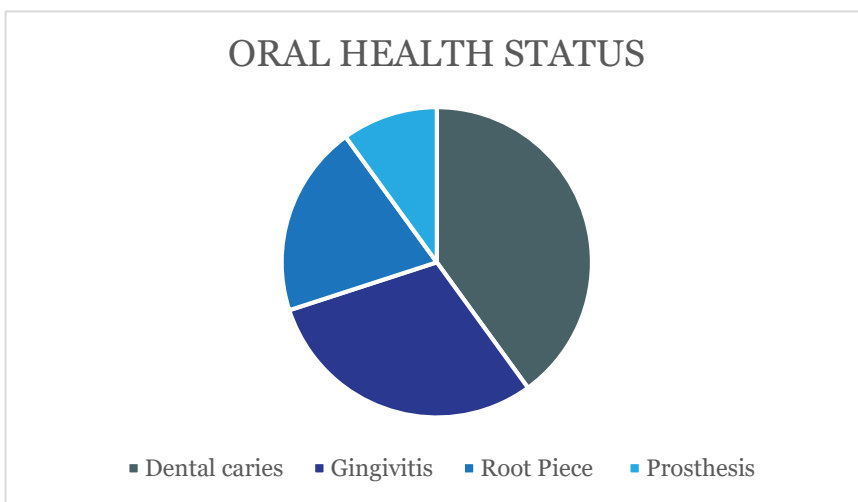
Atraumatic restorative technique (ART) is a minimally invasive dental approach that may be used as an alternative treatment option for very young or uncooperative children, some children with special healthcare needs, or in areas of limited health resources. Consensus-based statement > Global agreement 94%. ART technique is indicated for use in the management of caries involving single-surface cavities for both primary and permanent dentition. A type II examination was carried out with the use of mouth mirror and probe.

mobile dental van. 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 how nutrition can effect the dental health of a patient.

Observations: A total of 20 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 %
Dental caries	8	40
Gingivitis	6	30
Root piece	4	20
Prosthesis	2	10



Interpretation and conclusion:

1. Dental caries and gingivitis are the most common problem among the patients which can be reduced by utilizing proper diet and nutrition and also the facilities available the PHC. A regular dental check-up can lead to decrease in the number of decayed teeth.
2. Oral health education and prevention strategies should be implemented in order to reduce the disease burden among these patients. Majority of the oral diseases are due to lack of proper health education of the patient and insufficient dietary intake.
3. Patient were explained about all the dental emergencies and which all emergencies needs to be treated first and how to manage the same.



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.	Pooja Reddy
4.	Sneha Chauhan
5.	Khan Faizan Ahmed Mohd Aslam
6.	Khot Sarveksha Ramesh