



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 EARLY CHILDHOOD CARIES AT WAWANJE PHC

Date: 24th April 2024

Venue: WAVANJE PHC

Faculty: Dr. Rafeeq Nalband, Dr. Neeraj Kolge

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

Number of Students attended: 04

Oral health is an essential part of the overall health and well-being of children. Poor oral health can affect children's eating, speaking, learning, and socializing abilities. It can also lead to pain, infections, and tooth loss. Therefore, it is important to promote good oral health habits from an early age and prevent dental caries, which is the most common chronic disease of childhood. Early childhood caries (ECC) is major oral health problem, mainly in socially disadvantaged populations. ECC affects infants and preschool children worldwide. The prevalence of ECC differs according to the group examined, and a prevalence of up to 85% has been reported for disadvantaged groups. ECC is the presence of one or more decayed, missing, or filled primary teeth in children aged 71 months (5 years) or younger. The oral care initiative was also extended to patients at Wawanje PHC by the team of dentist of MGM Dental College and Hospital with the intention of creating awareness about the importance of Early Childhood Caries and how to prevent the same.

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 swelling of gingiva and its etiology
3. To assess the gingival health of the individuals visiting the camp for check-up.

Method:

The etiology of ECC is multifactorial and is mainly attributed to a time-specific interaction of microorganisms with sugars on a tooth surface. Diet and feeding practices also play an important role in acquisition of the

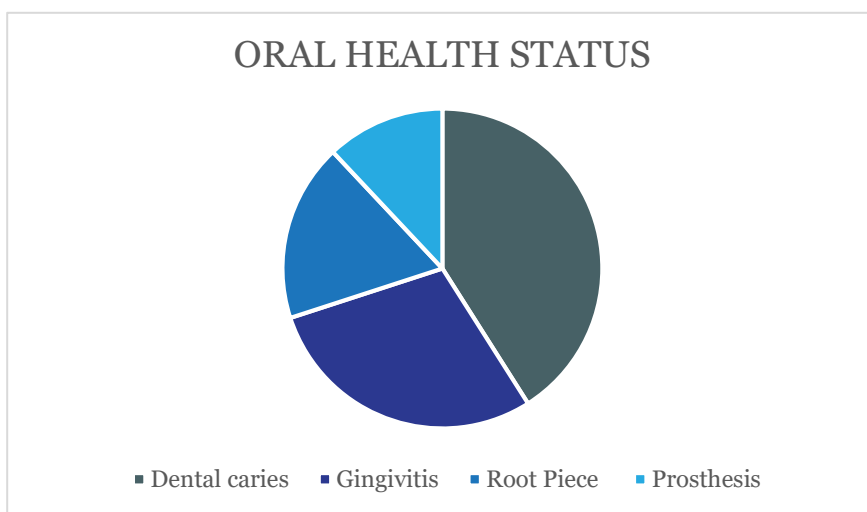
infection and development of caries. Factors such as high sugar intake, lack of oral hygiene, lack of fluoride exposure, and enamel defects are some of the major factors responsible for the development of ECC

A type II examination was carried out with the use of 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 how swelling of gingiva can affect their general health.

Observations: A total of 16 patients were examined for various dental problems. Those requiring extensive treatment were referred to MGM Dental College and Hospital, Kamothe.

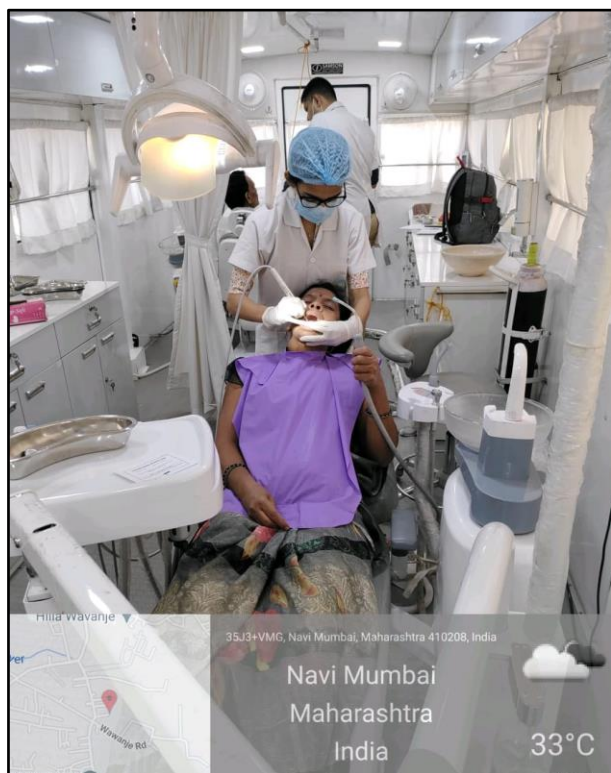
Oral health status:

Condition	No. of individuals	Percentage %
Dental caries	6	41
Gingivitis	5	29
Root piece	3	18
Prosthesis	2	12



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.
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. The various etiology of gingival swelling was explained to the patient and they were encouraged to report to a dentist in case of any oral disease.



Dental Treatment provided to the patient by our team member

List of Attendees

Name of Staff	
1.	Dr. Rafeeq Nalband
2.	Dr. Neeraj Kolge
Name of Interns& Students	
3.	Neha Ingle
4.	Shrushti Jadhav
5.	Siddhi Kotkar
6.	Krutika Rangnekar