



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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ROLE OF SUGAR IN DENTAL CARIES AT SHRI NARAYAN BABA CHARITABLE TRUST , PANVEL

Date: 06th June 2024

Venue: Shri Narayan Baba Charitable Trust , Panvel

Faculty: Dr. Neeraj Kolge, Dr.Kashmira Kadam ,

Organizing Agency: PHD Dept MGMDCH, Shri Narayan Baba Charitable Trust

Number of Students attended: 2

Dental caries is a chronic disease which can affect us at any age. The term "caries" denotes both the disease process and its consequences, that is, the damage caused by the disease process. MGM Dental College remains steadfast in its mission to provide essential oral healthcare services to the community. Dental caries is a chronic disease which can affect us at any age. The term "caries" denotes both the disease process and its consequences, that is, the damage caused by the disease process. Dental caries has a multifactorial aetiology in which there is interplay of three principal factors: the host (saliva and teeth), the microflora (plaque), and the substrate (diet), and a fourth factor: time. The role of sugar (and other fermentable carbohydrates such as highly refined flour) as a risk factor in the initiation and progression of dental caries is overwhelming.

Aim and objective:

1. To assess the oral health status of patients and provide necessary dental treatments while also educating them and creating awareness about treatment modalities for various dental issues in nearby villages.
2. To spread awareness about dental caries and its harmful effect.

Method:

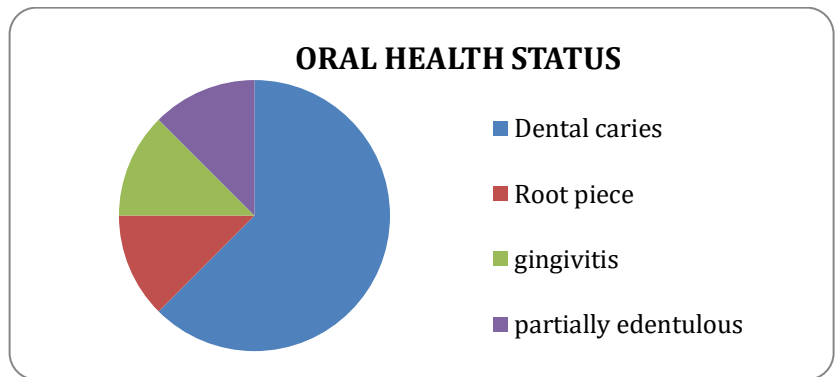
When sugar is consumed it interacts with the bacteria within the plaque to produce acid. This acid is responsible for tooth decay because it slowly dissolves the enamel creating holes or cavities in the teeth. A type III dental examination was conducted using a mouth mirror and probe in natural daylight conditions. Patients underwent assessments of their oral health status and were educated about the necessity of addressing

any identified issues. They were informed about existing dental problems, as well as preventive measures and treatment options. Patients requiring extensive dental treatments were asked to visit MGM Dental Hospital, Navi Mumbai

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	10	64%
Root piece	2	12%
gingivitis	2	12%
Partially edentulous	2	12%



Interpretation:

Dental caries is the most common problem among the patients.

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

Conclusion:

The decision to raise awareness about oral treatment modalities in shri narayan baba charitable trust demonstrates a commendable effort to engage the community in discussions about dental health. This initiative not only spreads awareness but also encourages individuals to take proactive steps towards addressing dental issues, potentially leading to improved overall health outcomes within the community.



Treatment done by team members at camp site

LIST OF ATTENDEES

Name of faculty	
1	Dr. Kashmira Kadam
2	Dr. Neeraj Kolge
Name of Interns	
3	Nainpreet Rekhi
4	Unaiza Sayed