



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
E-Mail ID: mgmdch@mgmmumbai.ac.in



ROLE OF SUGAR IN DENTAL CARIES AT UMROLI VILLAGE

Date:08/02/2024

Venue:Umroli Village

Faculty: Dr. Vaibhav Thakkar

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

Number of Students attended:4

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. Tooth decay can lead to tooth abscesses, which may result in the tooth having to be removed. MGM Dental College & Hospital along with NSS unit conducts dental camp for educating and promoting good oral health care among devotees. This was extended to population of Shri Narayan Baba Charitable Trust with the aim to create awareness about the do's and don'ts in oral health.

Aim and objective:

1. To assess the oral health status of the population
2. To create awareness about the do's and don'ts in oral health
3. To provide basic dental care for their existing dental problems.

Method:

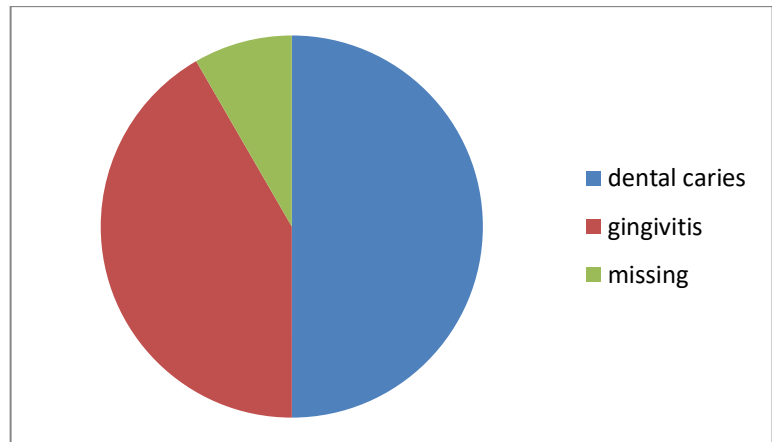
The patients were assessed using a mouth mirror and probe on the dental chair. The oral health statuses of the visitors were evaluated and they were explained about the role of sugar in oral health. They were demonstrated proper brushing techniques. Various preventive and corrective measures to be undertaken

were explained to the patients. The visitors who consented for treatment were provided with basic dental care for their existing dental problems. Visitors having extensive dental problems were referred to MGM Dental College & Hospital for further treatment.

Observations: A total of 33 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	18	54
Gingivitis	14	42
missing	1	3



Interpretation and conclusion:

- Knowledge of visitors regarding nutrition was good.
- Dental caries and gingivitis were most prevalent in the evaluated group. This was followed by missing. Preventive and corrective measures were undertaken to prevent further deterioration of oral health.
- Treatment: As a part of preventive treatment measures, composite restoration was done and oral prophylaxis was provided to the patients at SNBCT, Panvel.



INVESTIGATION DONE BY OUR TEAM MEMBER

List of Attendees

Sr. No	Name of faculty
1	Dr. Vaibhav Thakkar
	Name of Interns& Students
2	Khushi Bhatia
3	SurbhiAgrawal
4	Nachiket Gogate
5	Vaishnavi Gonnade