



**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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**AWARENESS ABOUT ATRAUMATIC RESTORATIVE TREATMENT AT SHRI NARAYAN
BABA CHARITABLE TRUST, PANVEL**

Date: 11/02/2024

Venue: Shri Narayan Baba Charitable Trust Panvel

Faculty: Dr. Kashmira Kadam, Dr. Prachiti Terna

Organizing Agency: Department Of Public Health Dentistry, MGMDCH, NSS unit of MGMDCH & Shri Narayan Baba Charitable Trust Panvel

Number of Students attended: 8

Atraumatic restorative treatment (ART) is a dental procedure that uses hand instruments to remove tooth decay and fill cavities, without the need for rotary dental tools. ART is a minimal intervention approach that can be used to treat single-surface cavities in permanent and primary teeth, and multiple-surface cavities in primary teeth. MGM Dental College & Hospital along with NSS unit conducts dental camp for educating and promoting good oral health care among students. This was extended to population of Shri Narayan Baba Charitable Trust with the aim to create awareness about the Atraumatic restorative treatment (ART). ART is a minimally invasive dental technique used for the management of dental caries specially in underserved communities.

Aim and objective:

1. To assess the oral health status of the population
2. To create awareness about the Atraumatic restorative treatment.
3. To provide basic dental care for their existing dental problems.

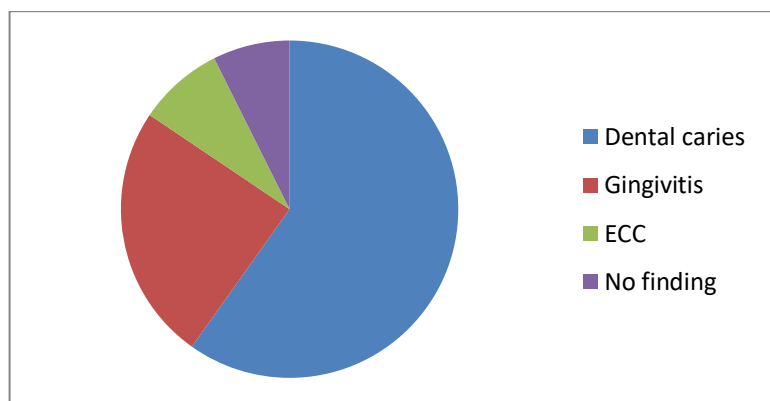
Method:

The patients were assessed using a mouth mirror and probe on the dental chair. The oral health statuses of the patients were evaluated and they were explained about restorative treatment (ART). They were explained about dental caries, treatment options and specifically ART. The steps of ART are assessment, preparation, caries removal, conditioning, filling placement, finishing and polishing, post procedure care. ART offers a conservative and effective to treating dental caries, particularly in populations where access to conventional dental care is limited. Various preventive measures were carried out such as scaling and fluoride application. Students having extensive dental problems were referred to MGM Dental College & Hospital for further treatment.

Observations: A total of 109 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	73	67
Gingivitis	30	28
ECC	10	9
No finding	9	8



Interpretation and conclusion:

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



Investigation and Treatment Being Done by the Team Members

List of Attendees

Sr. No	Name of faculty
1	Dr. KashmiraKadam
2	Dr. Prachiti Terni
	Name of Interns& Students
3	PragatiAgarwal
4	SurbhiAgrawal
5	Rayyan Ansari
6	Apurna Pal
7	GajananKhalge
8	KanupriyaOjha
9	Saveen Mohod
10	Divena Choudhary