



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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AWARNESS ABOUT ATRAUMATIC RESTORATIVE TREATMENT AT PEOPLE'S EDUCATION SOCIETY'S CENTRAL SCHOOL CBD BELAPUR

Date: 3rd February 2024 Venue: People's Education Society's Central School CBD Belapur

Faculty: Dr. KashmiraKadam, Dr. Agraja Patil

Organizing Agency: Department Of Public Health Dentistry, MGMDCH; NSS Unit, MGMDCH; MGM Dental & Research center Belapur

Number of Students attended: 05

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 and Hospital has arranged oral health checkup camp to evaluate oral health of school children at People's Education Society's Central School, CBD Belapur in association with Rotary Club and to create awareness about Atraumatic Restorative Treatment.

Aim and objective:

1. To assess the oral health status of children.
2. To educate and create awareness about Atraumatic Restorative Treatment.

Method:

Awareness regarding the Atraumatic Restorative Treatment was created. Students were explained about the procedure of ART. They were explained about the use of hand instruments with the differentiation between hand and electric rotary handpieces. Students were also explained about the necessity of ART, as it is a minimally invasive approach in preventing dental caries and stopping its further progression. Students have been informed that it is a very painless procedure as it doesn't involve the use of LA syringe. They beware

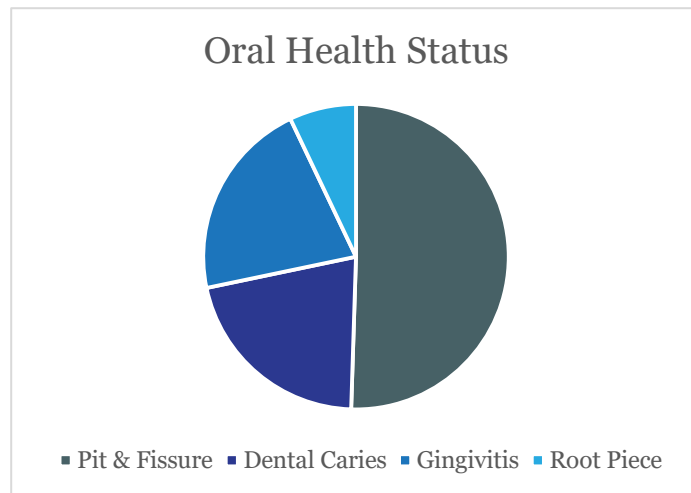
beautifully taught that there is no need to fear with high speed electric rotating handpieces as in ART procedure only hand instruments are used followed by restoration of tooth.

After the awareness program, oral examination was conducted using ice-cream sticks for the children. All the students 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 preventive measures were explained.

Observations:

1. It was observed that the students has high risk of developing caries.
2. A total of 53 patients were examined for various dental problems. Those requiring extensive treatment were referred to MGM Dental College and Hospital, Kamothe.

Condition	No. of individuals	Percentage %
Pit and fissure caries	21	50
Dental Caries	9	21
Gingivitis	9	21
Root piece	3	7

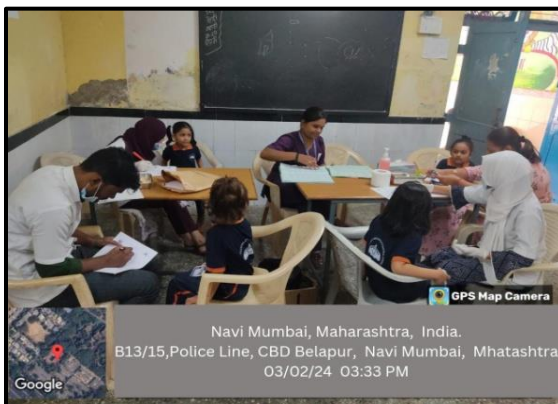


Interpretation and conclusion:

1. Dental caries is the most common problem among the children followed by gingivitis as it is neglected by parents.
2. Oral health education and prevention strategies should be implemented in order to reduce the further risk



**INVESTIGATI ON BEING DONE BY
THE TEAM MEMBER**



**TEAM MEMBERS WHO ATTENDED
THE CAMP**

List of Attendees

Sr. No	List of Participants
Name of faculty	
1	Dr. Kashmira Kadam
2.	Dr. Agraja Patil
Name of Student& Students	
3.	Arfat
4.	Muskan Dhanase
5.	Umaina Khatib
6.	VarunJaiswar
7.	Aashi Godani