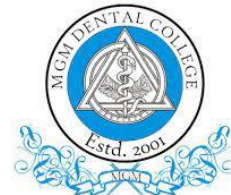




MAHATMA GANDHI MISSION'S DENTAL COLLEGE & HOSPITAL

Accredited by NAAC with "A++" Grade
Plot No. 1 & 2 Sector-01 (Old 18 & 19),
Kamothe, Navi Mumbai- 410209
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IMPORTANCE OF FLUORIDE AT DSP INTERNATIONAL SCHOOL.

Date: 8th August 2024. **Venue:** DSP international school, kamothe

Faculty: Dr. DeekshaShetty, Dr. Prachiti Terani

Organizing Agency: PHD Dept, MGMDCH,

Number of Students attended: 7

Dental caries is a progressive disease characterised by demineralization (dissolution) and destruction of enamel and dentine. Fluoride concentrates in the growing bones and developing teeth of children, helping to harden the enamel on baby and adult teeth before they emerge. Fluoride helps to harden the enamel on adult teeth that have already emerged. MGM Dental College constantly takes efforts of extending the oral health care to the community. The oral care initiative was also extended to the children at Royal School, Dombivali with the intention of creating awareness about role of sugar in causing dental caries and providing oral health care to the patients.

Aim and objective:

1. To educate students about role of fluoride in preventing caries
2. To assess the oral health status of patients.
3. To educate and create awareness about oral health.

Method:

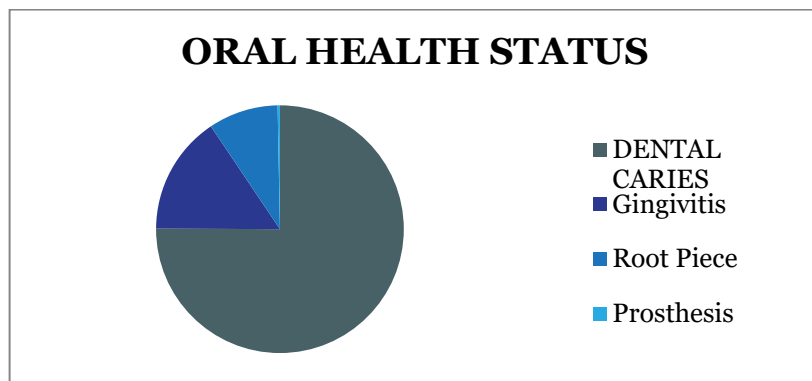
Students were explained about how the fluoride helps in arrest of development of dental caries. Fluoride reduce caries by preventing demineralization and promoting remineralization of tooth surfaces and can also inhibit plaque acid production. Application of fluoride during specific age and introduction of fluoridated toothpaste were also made. All this was explained using pictorial banner during the program.

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 students had a high history of consumption of sugar in their daily diet and were advised to control the frequency and amount of sugar intake by explaining the how it can cause various dental problems.
2. A total of 696 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 %
Dental caries	523	75
Gingivitis	100	12
Root piece	70	9
Prosthesis	3	0.3

**Interpretation and conclusion:**

1. Seeing a high amount of intake of sugar in their diet, students were advised to reduce the consumption of sugary snacks and beverages, Limit snacking between meals and consider consuming sugary foods only at mealtimes.
2. Dental caries is the most common problem among the patients followed by gingivitis.
3. Oral health education and prevention strategies should be implemented in order to reduce the disease burden among these patients.



INVESTIGATION BEING DONE BY
THE TEAM MEMBER



INVESTIGATION DONE BY
ANOTHER TEAM MEMBER.

List of Attendees

Sr. No	List of Participants
Name of faculty	
1.	Dr. DeekshaShetty
2.	Dr. Prachiti Terani
Name of Interns	
3	Michell fernandez
4	Akanksha gurav
5	Vaishnavinewase
6	Pranav shimpi
7	Bhavika patil
8	Vedantkapote
9	Sakshi latkar