



## **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 FLUORIDE IN STRENGTHENING TEETH AT MGM MEDICAL HOSPITAL, KAMOTHE**

**Date: 28<sup>th</sup> March, 2025**

**Venue: ANC Camp, MGM Medical hospital, Kamothe**

**Faculty: Dr. Sujata Hirave, Dr. Pankaj Londhe**

**Organizing Agency: Department of Public Health Dentistry MGMDCH; NSS unit of MGMDCH**

**Number of Students attended: 2**

Pregnancy significantly impacts oral health, primarily due to hormonal changes and physiological shifts. Common issues include gingivitis, tooth mobility, and tooth erosion. These changes can have consequences for both the mother and the developing baby's overall health, however fluoride proves to be advantageous in maintaining oral health of the mother and child. MGM Dental College is dedicated to promoting oral health awareness within the community. Recently, this initiative was extended to the patients at ANC Camp MGM Medical Hospital, Kamothe aiming to educate them about the importance of regular check-up while providing essential oral health care. The program seeks to empower people with knowledge of the importance of maintaining oral health during pregnancy.

#### **Aim and Objectives:**

- To educate women about the importance of maintaining oral health during pregnancy
- To assess the overall oral health status of the participating individual.
- To encourage use of fluoridated dentrifices and their advantage.

#### **Method:**

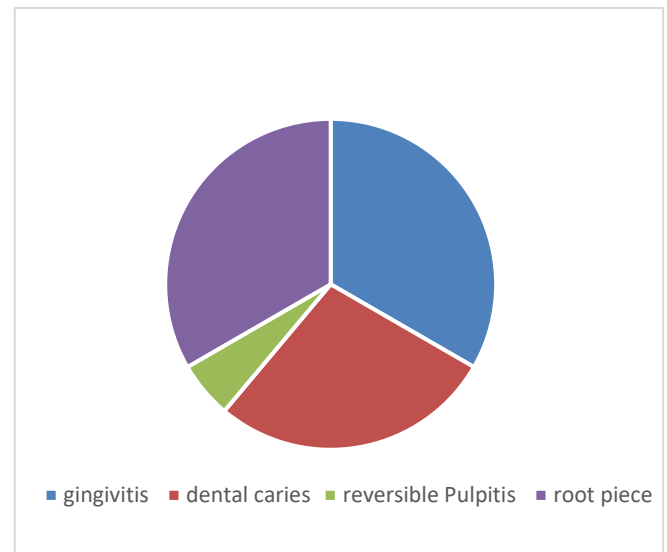
An examination was conducted using tongue depressor to assess their oral health status. Following the evaluation, the patients were provided with information on how to address any identified dental issues. The patients were explained the benefits of fluoride in maintaining oral health with the help of banners and charts. To enhance their understanding about regular visit to a dentist for check-up, engaging videos were shown that illustrated oral health

status during pregnancy. Additionally, a demonstration of proper brushing techniques was conducted using a model, The initiative also included discussions about the importance of regular dental check-ups , further reinforcing the message of comprehensive oral health care.

**Observations:** A total of 16 individuals 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 %
Gingivitis	6	15
Dental caries	5	5.3
Irreversible Pulpitis	1	19.4
Root piece	6	8.8



**Interpretation and conclusion:**

Gingivitis and root piece is the most common problem among the people followed by dental caries.

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



INVESTIGATION BEING DONE BY THE TEAM MEMBER AT CAMP SITE

### List of Attendees

Sr. No	List of Participants
<b>Name of faculty</b>	
1	Dr. Sujata Hirave
2	Dr. Pankaj Londhe
<b>Name of Interns</b>	
3.	Akanksha Tembhare
4.	Snehal Andhorikar