



MAHATMA GANDHI MISSION'S DENTAL COLLEGE & HOSPITAL

Accredited by NAAC with "A++" Grade
Plot No. 1 & 2 Sector-01 (Old 18 & 19),
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ORAL HEALTH RISK IN PATIENTS WITH HYPERTENSION AT ANC CAMP MGM MEDICAL HOSPITAL KAMOTHE

Date: 11/06/2025

Venue: MGM Medical hospital, Kamothe Navi Mumbai

Faculty: Dr. Sujata Hirave, Dr. Pankaj Londhe

Organizing Agency: Department of Public Health Dentistry, MGMDCH, NSS Unit of MGMDCH & Department of Preventive and Social Medicine, MGM Medical hospital, Kamothe Navi Mumbai

Number of Students attended: 4

Hypertension is a common chronic noncommunicable disease that affects the health of people worldwide and causes 10.4 million deaths each year. About a third of the world's population is reported to be affected by high blood pressure, and premature deaths due to it have risen 56.1% in the past decade. Hypertension, or high blood pressure, can significantly impact oral health, increasing the risk of gum disease, dry mouth, and even tooth loss. Poor oral hygiene and periodontal disease can further exacerbate hypertension, creating a cycle of inflammation and health issues. MGM Dental College constantly takes efforts of extending the oral health care to the community. The oral care initiative was also extended to pregnant women at ANC camp MGM medical hospital, Kamothe with the intention of creating awareness about pregnancy related oral health problems.

Aim and objective:

1. To assess and promote awareness of the effects of pregnancy on oral health among pregnant women attending ANC camps, ensuring early detection, prevention, and management of oral health issues to improve maternal and fetal well-being.
2. To educate pregnant women about the common oral health issues associated with pregnancy, such as gingivitis, periodontitis, and dental caries.

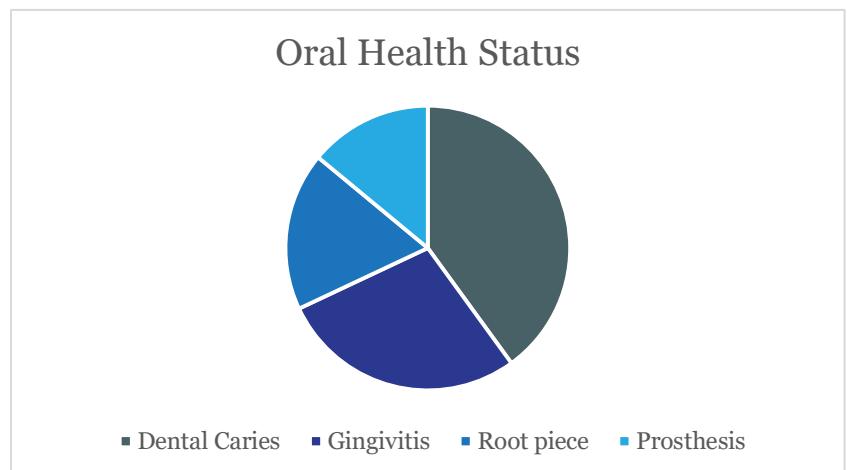
Method:

Oral health education on pregnancy related dental issues was given to patients using models, posters and charts. Educational sessions will include demonstrations of proper brushing and flossing techniques, dietary recommendations, and guidance on managing pregnancy-related oral health concerns such as gingivitis and tooth sensitivity. A type III examination was carried out with the use of mouth mirror and probe. All the patients 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 how pregnancy affects the oral health status.

Observations: A total of 10 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	6	40
Gingivitis	2	28
Root piece	1	14
Prosthesis	1	14

**Interpretation and conclusion:**

1. A significant number of participants exhibited poor oral hygiene practices, including irregular brushing and a lack of knowledge about pregnancy-related dental issues such as gingivitis and tooth sensitivity.
2. Educating new mothers about dental care at ANC camps is an effective strategy for promoting maternal and infant oral health. Providing simple, practical dental care tips can help prevent common oral health issues and reduce the risk of complications during pregnancy.



INVESTIGATION BEING DONE BY THE TEAM MEMBER

List of Attendees

Name of Staff	
1.	Dr. Sujata Hirave
2.	Dr. Pankaj Londhe
Name of Interns & Students	
3.	Moreswar Bonge
4.	Shailvi Banh
5.	Kazim Ansari
6.	Ayesha Khan