



MAHATMA GANDHI MISSION'S DENTAL COLLEGE & HOSPITAL

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ROLE OF DENTAL CAMPS IN PROMOTING MATERNAL AND CHILD HEALTH AT ANC CAMP **MGM MEDICAL HOSPITAL, KAMOTHE**

Date: 15th June 2026

Venue: MGM Medical Hospital, Kamothe, Navi Mumbai

Faculty: Dr. Sujata Hirave, Dr. Aishwarya Patil

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

Introduction:

Maternal and child health is an important component of comprehensive healthcare, and oral health plays a significant role in overall well-being during pregnancy. Pregnancy-related hormonal and physiological changes can increase the susceptibility to dental caries, gingivitis, periodontal disease, and other oral health problems. Dental camps conducted alongside antenatal care (ANC) services provide an excellent opportunity for early identification, prevention, and management of oral health conditions among pregnant women. Such camps also facilitate oral health education, counselling on appropriate oral hygiene practices, dietary advice, and guidance regarding safe dental treatment and medication during pregnancy. Promoting maternal oral health can further contribute to better awareness of infant oral health, including appropriate feeding practices, oral hygiene, and prevention of early childhood caries. MGM Dental College constantly takes efforts of extending the oral health care to the community. The oral care initiative was also extended to the patients at ANC Camp at MGM Medical Hospital, Kamothe with the intention of creating awareness about role of dental camps in promoting maternal and child health.

Aim and objective:

1. To educate people about the maternal and child health.
2. To assess the oral health status of patients.
3. To promote healthy dietary and lifestyle habits for maintaining gut and oral microbiome balance.
4. To educate and create awareness about oral health.

Method:

Patients were educated about the link between oral hygiene and gut health. Awareness was created using the following strategies:

- Educational talks on oral-gut microbiome connection
- Demonstration of proper oral hygiene practices.
- Discussion on healthy diet (probiotics, fiber-rich foods)
 - Distribution of educational pamphlets
 - Interactive sessions and Q&A

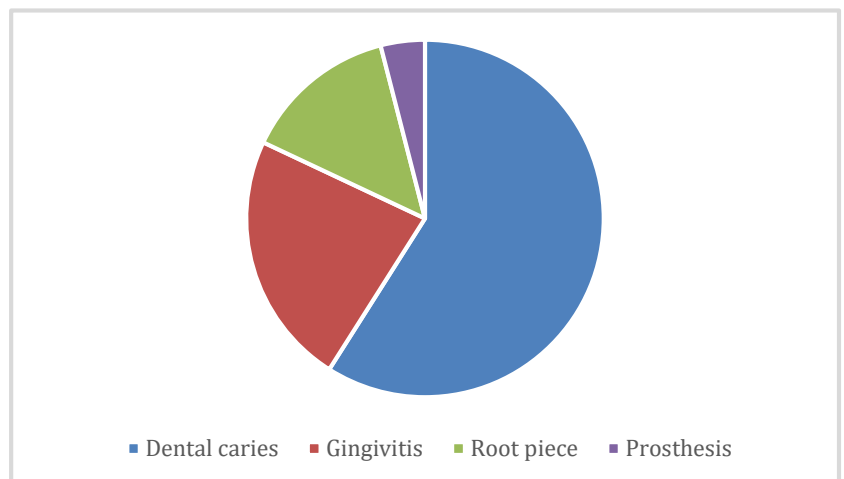
After the awareness program, type III oral examination was conducted using mouth mirror and probe in proper illumination for the patients. All the patients were assessed for oral health status and were explained the need to get the problems corrected. The patients were made aware of the existing dental problems and preventive measures were explained.

Observations:

1. Many patients were unaware of the connection between gut and oral health prior to the session.
2. Increased awareness was observed regarding the role of diet, probiotics, and oral hygiene in maintaining overall health.
3. A total of 22 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	13	59
Gingivitis	5	23
Root piece	3	14
Prosthesis	1	4



Interpretation and conclusion:

Among the 22 individuals examined Dental caries (59%) is highly prevalent, indicating widespread tooth decay. Gingivitis (23%) shows moderate gum health issues among the population. Root pieces (14%) suggest untreated or neglected dental conditions. Prosthesis (4%) is very low, reflecting limited use of restorative treatment. Dental camps integrated with ANC services provide a valuable platform for improving maternal oral health and creating awareness about the importance of oral healthcare for both mothers and children. Regular screening, timely referral, preventive dental care, and individualized oral health education can help reduce the burden of oral diseases during pregnancy. By empowering expectant mothers with appropriate knowledge and practices, ANC dental camps can contribute to establishing healthy oral health behaviours that extend from pregnancy into early childhood. Therefore, integrating oral healthcare into routine antenatal services is an important step towards achieving comprehensive maternal and child healthcare.



INVESTIGATION BEING DONE BY THE TEAM MEMBER

List of Attendees

Sr. No.	Name of Staff
1.	Dr. Sujata Hirave
2.	Dr. Aishwarya Patil
Name of Interns and students	
3.	Poornima Krishnadas
4.	Sadhna Yadav
5.	Neha Gite
6.	Reya Dani