



**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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**LOW BIRTH WEIGHT / PRETERM DELIVERY AT ANC CAMP MGM MEDICAL HOSPITAL,
KAMOTHE**

Date: 11th March 2026

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

Low birth weight and preterm delivery are major public health concerns that can affect the growth and development of newborns. Babies born prematurely or with low birth weight are at higher risk of health complications, including infections, developmental delays, and oral health issues. Antenatal Care (ANC) camps provide an opportunity to educate expectant mothers about the causes, prevention, and management of these conditions, along with promoting proper maternal nutrition and health care during pregnancy.

Aim and objective:

1. To create awareness among pregnant women about low birth weight and preterm delivery.
2. To educate mothers about the importance of proper nutrition and prenatal care during pregnancy.
3. To highlight the impact of maternal health on the baby's growth and development.
4. To provide guidance on preventive measures and regular health check-ups during pregnancy.
5. To promote awareness about the importance of maternal oral health and its effect on pregnancy outcomes.

Method:

Patients were explained about the low birth weight / preterm delivery. Raising awareness about low birth weight / preterm delivery can be achieved through a combination of strategies such as:

- Education content.
- Retail display & signages.

- Collaborations with dentists in different localities.
- Sustainability certifications and labels.
- Workshops and events

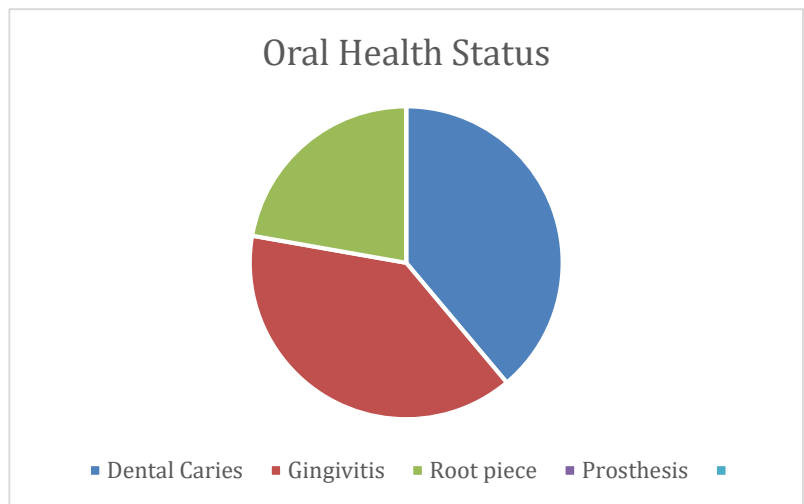
After the awareness program, oral examination was conducted using ice-cream sticks for the patient's. All the patients were assessed for oral health status and were explained the need to get the problems corrected. The patients were made aware of the existing dental problems and preventive measures were explained.

Observations:

1. Increasing awareness about the negative effects of low birth weight / preterm delivery, combined with a growing concern for Oral Health.
2. A total of 18 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	7	38.89
Gingivitis	7	38.89
Root piece	4	22.23
Prosthesis	0	0



Interpretation and conclusion:

1. By combining these methods, we can create a multifaceted approach that informs and empowers people to Gain Knowledge about low birth weight / preterm delivery.
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

List of Attendees

Sr. No.	Name of Staff
1.	Dr. Sujata Hirave
2.	Dr. Pankaj Londhe
Name of Interns and students	
1.	Sayali Nanaware
2.	Jayani Patil
3.	Aditi Mishra
4.	Dhaval