MAHATMA GANDHI MISSION'S DENTAL COLLEGE & HOSPITAL
Accredited by NAAC with "A++" Grade
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Assessment of Oral Health Status and Treatment need of patients at Shree Ballaleshwar Temple Centre Pali

Date: 27ᵗʰ April 2025   **Venue: Shree Ballaleshwar Temple Centre Pali**

Faculty: Dr. Vaibhav Thakkar , Dr. Manasi Surwade

Organizing Agency: Department of Public Health Dentistry, MGMDCH, NSS Unit of MGMDCH

Number of Students attended: 2

Oral health is an integral part of overall health and well-being. Assessment of oral health status helps in identifying the prevalence of dental diseases, patterns of oral hygiene practices, and the overall need for dental treatment in a population or group. A structured approach to oral health assessment enables early diagnosis, appropriate treatment planning, and better allocation of dental healthcare resources. MGM Dental College constantly takes efforts of extending the oral health care to the community. The oral care initiative was also extended to patients at Pali with the intention of creating awareness about their oral health status and treatment required for the same.

Aim and Objectives:

- To evaluate the current oral health status of patients using standard clinical criteria.
- To identify the prevalence of common dental conditions such as dental caries, periodontal disease, and malocclusion.
- To determine the treatment needs of patients based on clinical findings.
- To promote awareness regarding oral hygiene and preventive care.

Method:

The assessment was carried out using standardized clinical examination procedures. The following steps and tools were used:

a) Population and Setting

- The study included patients visiting the outpatient dental department (or community/school setup).
- Age, gender, and dental history were recorded.

b) Examination Protocol

- Oral health was examined under natural/artificial light using sterilized instruments (mouth mirror, explorer, periodontal probe).
- The WHO Oral Health Assessment Form (2013) was used for data collection.

c) Parameters Assessed

- Dental Caries: Recorded using the DMFT/dmft index (Decayed, Missing, Filled Teeth for permanent/primary dentition).
- Periodontal Status: Assessed via Community Periodontal Index (CPI) using a WHO probe.
- Oral Hygiene: Evaluated with the Simplified Oral Hygiene Index (OHI-S).
- Malocclusion and other anomalies: Identified and noted if present.
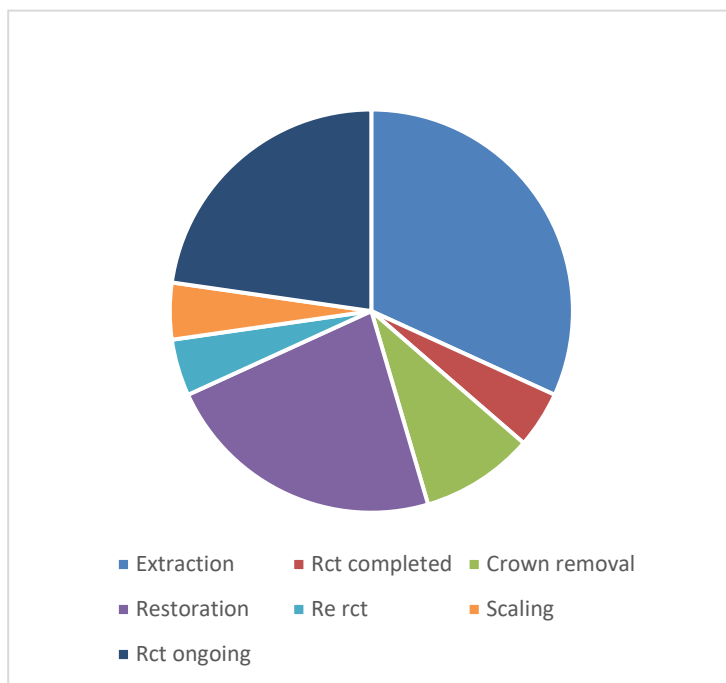
d) Treatment Needs Classification

- Preventive Care: Oral hygiene instruction, fluoride application, and diet counseling.
- Restorative Care: Fillings, pulp therapy, crowns.
- Surgical Needs: Extractions or minor surgeries.
- Prosthetic Needs: Replacement of missing teeth.
- Orthodontic Referral: For patients with severe malocclusion or developmental issues.

Observations: A total of 22 individuals were examined for various dental problems. Those requiring extensive treatment were referred to MGM Dental College and Hospital, Kamothe.

Oral health status:

Procedure	No. of individuals	Percentage %
Extraction	7	31.8%
Rct completed	1	4.5%
Crown removal	2	9%
Restoration	5	22.7%
Re rct	1	4.5%
Scaling	1	4.5%
Rct ongoing	5	22.7%

■ Extraction ■ Rct completed ■ Crown removal
■ Restoration ■ Re rct ■ Scaling
■ Rct ongoing

Interpretation and conclusion:

The assessment revealed that a significant proportion of patients required dental treatment, with dental caries and periodontal disease being the most prevalent conditions. A substantial number also lacked awareness about basic oral hygiene practices. These findings highlight the urgent need for preventive education, accessible dental care services, and periodic oral health screening programs. Early detection and timely treatment can reduce complications and improve the quality of life.

List of Attendees

Sr. No	List of Participants
Name of faculty	
1	Dr. Vaibhav Thakkar
2	Dr. Manasi surwade
Name of Interns	
1.	Anish jain
2.	Cherry jain
Name of pg student	
1.	Dr.Shailesh kendre