



## 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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### **IDENTIFYING DENTAL ISSUES IN CHILDREN DURING DENTAL SCREENING**

**Date: 8<sup>th</sup> January 2026**

**Venue: At ZP School, Kalhe**

**Faculty: Dr. Vaibhav Thakkar, Dr. Pankaj Londhe**

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

**Number of Students attended: 5**

The importance of oral health in the early years of life is well documented, and advocated by professional and academic stakeholders worldwide. Importantly, early childhood oral health influences and outcomes are considered pivotal in determining oral health trajectories across the life course, and can impact oral health and disease occurrence in adulthood. Specifically, early childhood caries, the most common chronic childhood disease, is known to disproportionately affect vulnerable parts of the population and confer substantial impacts to children, families, and health systems. MGM Dental College is dedicated to promoting oral health awareness within the community. Recently, this initiative was extended to the students at ZP School, Kalhe aiming to educate them about the importance of regular check-up while providing essential oral health care. The program seeks to empower children with knowledge about their dental health and instill good oral hygiene practices from an early age.

### **Aim and Objectives:**

- To educate children about various dental conditions and how to prevent it.
- To assess the overall oral health status of the participating children.
- To encourage healthy dietary choices that support dental health.

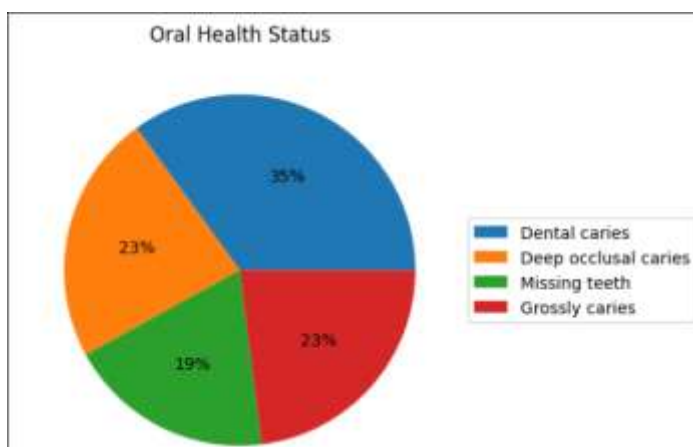
### **Method:**

A type 4 examination of the children was conducted using tongue depressor to assess their oral health status. Following the evaluation, the children were provided with information on how to address any identified dental issues. To enhance their understanding about regular visit to a dentist for check-up, engaging videos were shown that illustrated the progression of untreated cavities and highlighted preventive measures. Additionally, a demonstration of proper brushing techniques was conducted using a model, ensuring that the children understood effective oral hygiene practices. The initiative also included discussions about the importance of regular dental check-ups and the benefits of fluoride, further reinforcing the message of comprehensive oral health care.

**Observations:** A total of 52 individuals were examined for various dental problems. Those requiring extensive treatment were referred to MGM Dental College and Hospital, Kamothe.

### **Oral health status:**

<b>Conditions</b>	<b>No. of individuals</b>	<b>Percentage %</b>
Dental caries	<b>18</b>	<b>35%</b>
Deep occlusal caries	<b>12</b>	<b>23%</b>
Missing teeth	<b>10</b>	<b>19%</b>
Grossly caries	<b>12</b>	<b>23%</b>



## Interpretation:

Out of 52 individuals that were examined, the data shows that **dental caries (35%)** is the most prevalent condition among the individuals examined, indicating a high burden of early-stage decay. **Deep occlusal caries (23%)** and **grossly carious teeth (23%)** together account for nearly half of the cases, suggesting progression of untreated carious lesions. **Missing teeth (19%)** also represent a significant proportion, reflecting the long-term consequences of poor oral health and possible delayed treatment.

Overall, the findings highlight that a majority of individuals are affected by varying stages of dental decay, from initial caries to advanced destruction and tooth loss.

## Conclusion-

The high prevalence of dental caries and its advanced forms indicates inadequate oral hygiene practices and limited early dental intervention. There is a clear need for increased awareness, preventive strategies, and timely treatment to reduce disease progression and tooth loss. Emphasis should be placed on oral health education and regular dental check-ups to improve overall dental status in the population. Oral health education and prevention strategies should be implemented in order to reduce the disease burden among these children.



INVESTIGATION BEING DONE BY THE TEAM MEMBER

FONES BRUSHING TECHNIQUE  
DEMONSTRATED BY THE TEAM  
MEMBER



### List of Attendees

Sr. No	List of Participants
<b>Name of faculty</b>	
1.	Dr. Vaibhav Thakkar
2.	Dr. Pankaj Lodhe
<b>Name of Interns &amp; students</b>	
3.	Rinal Bagdiya
4.	Afreen Momin
5.	Tushar Dhaigude

