



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

E-Mail ID: mgmdch@mgmmumbai.ac.in



IMPACT OF CHRONIC ILLNESS ON ORAL HEALTH AT LRTPS

Date: 29th November 2024

Venue: LRTPS

Faculty: Dr. Swati Singh, Dr. Pankaj Londhe

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

Number of Students attended:4

Chronic illnesses can have a significant impact on oral health, leading to a range of dental problems. Here are some ways chronic illnesses can affect oral health: Like Diabetes can lead to increased risk of gum disease, slow healing, dry mouth; Heart disease can lead to gum disease and vice versa; various medications for different disease may also have some adverse effects on oral cavity, Rheumatoid arthritis may affect the temporomandibular joint, HIV/AIDS may lead to oral thrush formation, hairy tongue leukoplakia ,etc; Kidney disease may lead to bad breath; Osteoporosis may lead to bone loss followed by tooth loss, gum recession, etc. 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 LRTPS with the intention of creating awareness about impact of chronic illness on oral health.

Aim and objective:

1. To assess the oral health status of patients and to provide necessary Dental treatment.
2. To educate them and create awareness about the impact of Chronic Illness on Oral health.
3. Effect of regular check-up on overall health of the individuals.

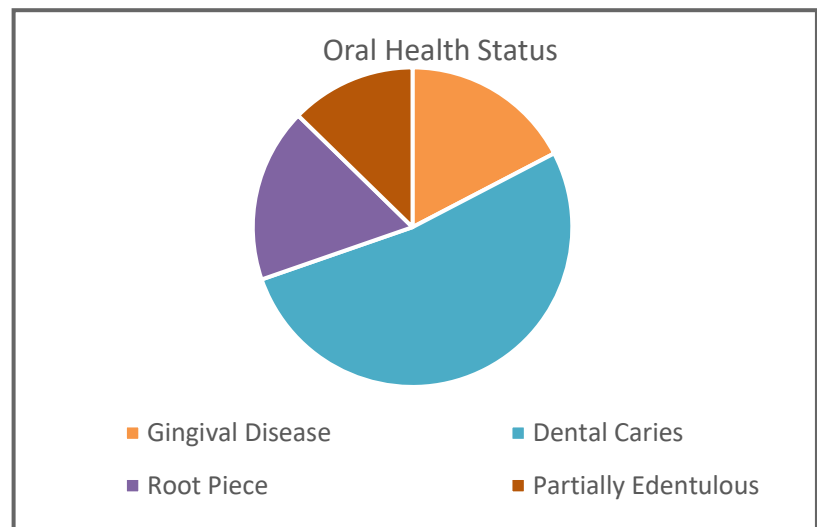
Method:

Patients were explained what are the Chronic illnesses and how it can have a significant impact on oral health, leading to a range of dental problems. Here are some ways chronic illnesses can affect oral health: Like Diabetes can lead to increased risk of gum disease, slow healing, dry mouth; Heart disease can lead to gum disease and vice versa; various medications for different disease may also have some adverse effects on oral cavity, Rheumatoid arthritis may affect the temporomandibular joint, HIV/AIDS may lead to oral thrush formation, hairy tongue leukoplakia, etc; Kidney disease may lead to bad breath; Osteoporosis may lead to bone loss followed by tooth loss, gum recession, etc. A type III examination was carried out using tongue depressor under daylight. 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 chronic illness can affect the dental health of a patient.

Observations: A total of 386 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	202	52.3
Gingival disease	67	17.4
Root piece	68	17.6
Prosthesis	49	12.7



Interpretation and conclusion:

1. Dental caries and gingivitis are the most common problem among the patients which can be reduced by utilizing proper diet and medications for underlying disease. A regular dental check-up can lead to decrease in the number of decayed teeth.
2. Oral health education and prevention strategies should be implemented in order to reduce the disease burden among these patients. Majority of the oral diseases are due to lack of proper health education of the patient and insufficient dietary intake.
3. Patient were explained about how a systemic disease, i.e. chronic illness can affect the oral health and thus leading to superinfection due to it.
4. Patient were also educated about how to maintain the oral health by the students using charts and posters.



INVESTIGATION BEING DONE BY THE TEAM
MEMBER

List of Attendees

Name of Staff	
1.	Dr. Swati Singh
2.	Dr. Pankaj Londhe
Name of Interns& Students	
3.	Rutuja Salvi
4.	Avinash Ratnaparkhe
5.	Mahesh Survase
6.	Himanshu Jadhav