



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



ORAL HEALTH RISK IN PATIENTS WITH OF HYPERTENSION IN WAVANJE

Date : 18/12/2024

Venue : Wavanje PHC

Faculty : Dr Swati Singh

Organizing committee: DEPARTMENT OF PHD , MGMDCH

Number of students attended: 2

Patients with hypertension are at a higher risk of developing oral health issues due to the complex relationship between hypertension, medications, and oral health.

Hypertension can lead to increased inflammation in the body, which can exacerbate periodontal disease. High blood pressure can cause vascular changes in the gums, leading to reduced blood flow and increased risk of periodontal disease.

Certain antihypertensive medications, such as diuretics and beta-blockers, can cause dry mouth (xerostomia), increasing the risk of tooth decay and other oral health issues.

Aim and objective:

1. To educate people about risk of oral health in patients with hypertension
2. To assess the oral health status of patients.
3. To educate and create awareness about oral health.

Method :

People in wavanje were explained about the Various risks about oral health they may get .

They were explained about how Hypertension can lead to increased inflammation in the body, which can exacerbate periodontal disease.

They were explained about how High blood pressure can cause vascular changes in the gums, leading to reduced blood flow and increased risk of periodontal disease.

They were explained about how Certain antihypertensive medications, such as diuretics and beta-blockers, can cause dry mouth (xerostomia), increasing the risk of tooth decay and other oral health issues.

They were explained about how Some medications, such as calcium channel blockers, can cause gingival overgrowth, leading to difficulties with oral hygiene and increased risk of periodontal disease.

After that oral checkup was conducted of the patients

Observation :

A total of 25 patients were examined and treatment of 5 patients were done at the phc. The remaining patients who required extensive treatment were referred to MGM Dental college, kamothe

ORAL HEALTH STATUS

CONDITION	Number of individual	Percentage %
Dental caries	18	75
Gingivitis	4	15
Root piece	3	9
Prosthesis	1	1



Interpretation and Conclusion:

Seeing high amount of risk in patients, they were advised :

1. Regular dental check-ups
2. Practicing good oral hygiene
3. Working with a healthcare provider to manage hypertension medications can help minimize oral health risks.
4. Making lifestyle modifications



List of attendees:

Sr no	Names of faculty
1.	Dr Swati Singh
Sr no	Name of interns
1.	Avinash Ratnaparkhe
2.	Anjali Daga