

## ORAL HEALTH CARE/ TREATMENT STRATEGY FOR GERIATRIC PATIENTS REPORTING TO THE DEPARTMENT OF ORAL MEDICINE AND RADIOLOGY, TAMIL NADU GOVERNMENT DENTAL COLLEGE AND HOSPITAL – A RETROSPECTIVE ANALYSIS OF MEDICAL RECORDS

Prof. Dr. S Jayachandran, MDS Ph.D

Professor and Head, Department Of Oral Medicine And Radiology, Tamil Nadu Government Dental College And Hospital Chennai-03

## INTRODUCTION RESULTS COMMON ORAL CONDITIONS IN THE GERIATRIC GROUP I Aging is an inevitable biological phenomenon. With POPULATION PERIODONTAL INFECTIOUS advancement in the medical sciences, the average life Datenreihen1; TRAUMA: 21 DENTAL CARIES; expectancy has increased implying that older adults Datenreihen1; NEURALGIA ; 7 are a growing patient demographic for dentistry. Data EDENTULISM; 84 Batenreihen1; RARE MUCOSAL LESION; CONDITION An increase of 34 million elderly persons was seen in ALTERATIONS: 48 PERIODONTAL 2021 and is expected to increase to 56 million by **ROOT CARIES** 2031. [1,2] Geriatric dentistry or gerodontics is defined as the delivery of dental care to older adults involving the diagnosis, prevention, and treatment of problems associated with normal aging and age-related CANCER; 19 diseases as part of an interdisciplinary team with reihen1: OPMD: MALIGNANT LESION **IMMUNE MEDIATED** other health care professionals.[3][4]. CONDITIONS Datenreihen1; PERIODONTAL GROUP II YOUNGEST OLD (65 - 74 CLASSI-DISEASE; 52 **YEARS**) Datenreihen1; EDENTULISM; Datenreihen **FICATION** Datenreihen1; REGRESSIVE ALTERATIO 13 RAKE RAKE CONDITIONS; 3 Datenreihen1 ORAL CANCER **MIDDLE OLD (75 – 84** Datenreihen1; DENTAL CARIES; 40 YEARS) DRY MOUTH AND DENTURE **OLDEST OLD (>85** ANGLULAR CHELITIS STOMATITIS YEARS) **OBJECTIVES** To find the prevalence of the various oral conditions among the geriatric patient population that visited our tertiary care institution at Tamil Nadu Government Dental College and Hospital. Datenreihen1: Datenreihen1: MUCOSAL LESION; 2 The study was approved by the ethical committee. EDENTULISM ORAL CANDIASIS OPMD: 3 Ref no: 5/IERB/2021 MATERIALS AND METHODS GROUP III Datenreihen1; MARCH 2019 – MARCH 2020 PERIODONT DENTAL AL Datenreihen1 Datenreihen1; CARIES DISEASE; 4 **INFECTIOUS** 30% EDENTULIS DISEASE M: 2 PATIENT RECORDS OPMD **REGRESSIVE CHANGES** 1000 200 RECORDS 800 RECORDS GERIATRIC PATIENT **EXCLUDED INCLUDED DISCUSSION AND CONCLUSION** RECORDS

In this study, dental caries and periodontal disease are more prevalent among the geriatric patients. A poor oral status will eventually lead to eating problems, weight loss, and dehydration, aggravating the existing problems.

We arrived at an algorithm for the diagnosis, treatment, and referral of geriatric patients. This will facilitate the early diagnosis of lesions and disorders in geriatric patients and thereby improving their quality of life. The geriatric oral care should be a holistic approach to guarantee optimal oral health. This not only benefits the patient's oral health but also improves their overall physical and mental health. The Ministry of Health and Family Welfare has initiated a National Programme for the health care of the elderly for geriatric care. A multidisciplinary approach should be followed to maintain a balance between oral and overall general health. ORAL HEALTH IS A MIRROR TO THE OVERALL GENERAL HEALTH OF THE GERIATRIC PATIENTS

Sex distribution: 67% males and 33% females

**GROUP II:** 

n=137 (75-84

YEARS)

**GROUPI:** 

YEARS)

=653 (<mark>65 -74</mark>

**GROUP III:** 

n=10 (>85

YEARS)





## ORAL HEALTH CARE STRATEGY ALGORITHM FOR GERATRIC PATIENTS



## REFERENCES

1. Jayachandran S, Shilpa SKR. Oral Health Status and Dental Treatment Needs of Geriatric Patients in Tertiary Dental Care Hospital - a Retrospective Study. Vol. 22, International Poster Journal of Dentistry and Oral Medicine. 2020.

Carl H. World population highlights 2007: Overview of world population. World Population Data Sheet. Washington (DC): Population Reference Bureau. 2007

Makwana G, Elizabeth H, HOPE FOR HEALTHY AGING AND GERIATRIC CARE: INDIA'S NATIONAL PROGRAM OF HEALTH-CARE FOR THE ELDERLY IN INDIA.

Issrani R, Ammanagi R, Keluskar V. Geriatric dentistry meet the need. Gerodontology 2012:29(2):e1-5.