

HEB



JOPD

**Journal of Prosthodontics Dentistry**  
**An Official Publication of Bureau for Health & Education Status Upliftment**  
 (Constitutionally Entitled as Health-Education, Bureau)

**SIDE EFFECTS IN HEAD AND NECK CANCER PATIENTS  
 RECEIVING CHEMOTHERAPY AND RADIOTHERAPY – A REVIEW**

<sup>1</sup> Mr. Umapathy K, <sup>2</sup> Prof. Dr. C. Sabarigirinathan <sup>3</sup> Dr. Dinesh Venkatesan

<sup>4</sup> Dr. Karthik Namasivayam <sup>5</sup> Dr. S. Balasiddarth <sup>6</sup> Mr. A. Gowri Shankar

<sup>1</sup> Staff Nurse and PhD Scholar, TNGDC&H, Chennai.

<sup>2</sup> Vice Principal and Professor of Prosthodontics, TNGDC&H, Chennai.

<sup>3</sup> Private Practitioner, Chengalpattu.

<sup>4</sup> Assistant Surgeon, Department of Oral Medicine and Radiology, TNGDC&H, Chennai.

<sup>3</sup> Private Practitioner, Chennai.

<sup>6</sup> Department of Prosthodontics, TNGDC&H, Chennai.

**Corresponding Author: Prof. Dr. C. Sabarigirinathan MDS., PhD., MBA., M.Sc.,**

**Email: [serviceheb@gmail.com](mailto:serviceheb@gmail.com), [drsabarigirinathan@yahoo.co.in](mailto:drsabarigirinathan@yahoo.co.in)**

**ABSTRACT:**

Head and Neck Cancer (HNC) patients pose a unique challenge in oncology due to its intricacy in anatomical location and its potential impact on vital functions such as swallowing, speaking and breathing. Chemotherapy and Radiotherapy remains a pivotal role in the management of HNC, which offers considerable improvements in survival rates and disease control. However efficacy of these treatment modalities comes with a price- a spectrum of side effects that imparts a potential impact on the patients quality of life and treatment outcomes. This article deals with a comprehensive review of the multifaceted side effects experienced by head and neck cancer patients undergoing chemotherapy and radiotherapy. This article aims to equip the healthcare providers with a deeper understanding of challenges faced by head and neck cancer patients during their treatment journey.

**Keywords:** Radiation Mucositis, Xerostomia, Dysphagia, Osteoradionecrosis, Dermatitis, Weight Loss, Fatigue, Nutritional Changes.

Access this Article Online

Website: <http://heb-nic.in/jopd>

Received on 01/03/2024

Accepted on 09/03/2024 © HEB All rights reserved

Quick Response Code:

