



International College of Prosthodontists
19th Biennial Scientific Session - VIRTUAL - September 22 – 25, 2021

Program Speaker – B. Srinivasan

Title

Remote Healthcare Delivery in Facial Prosthetics with Digital Technology

Abstract

Globally, one in every three people needs rehabilitation during the course of their illness or injury (Cieza A, 2020). The WHO highlights that in some low and middle income countries, rehabilitation services are unavailable for more than 50% of the people (WHO, 2021) and that in 60 -70% countries, existing rehabilitation services have been disrupted due to the current COVID-19 pandemic (WHO, 2021). The above disparity in access to care also includes maxillofacial prosthetic rehabilitation, rendering patients accepting their maxillofacial disabilities with a fatalistic attitude.

WHO's efforts of *Rehabilitation 2030 Call for Action* since 2017, which highlights the vital need for accessible and affordable rehabilitation in achieving Sustainable Development Goal 3 (SDG 3) by 2030, focuses on the well-being and optimising functionality of the rehabilitation-needy population (WHO c, 2020).

Digital Technology is capable of effecting remote healthcare delivery and enhance accessibility to care. Digital Scans from remote locations can aid fabrication of maxillofacial prostheses at a central hub elsewhere in the world. The remotely designed and manufactured prosthesis can be shipped back to a clinician in the vicinity of the patient who can fit the prosthesis. This process would deskill the workflow for the clinician and address the unmet need of maxillofacial rehabilitation across the globe.

Biography

Dr. B. Srinivasan is the Chief Executive of Enhance Head Neck Rehabilitation. He is also a consultant at Sir H.N.Reliance Hospital Mumbai and Ruby Hall Cancer Centre Pune. An alumnus of Govt. Dental College & Hospital, Mumbai, he began his career in Maxillofacial Prosthodontics at the Tata Memorial Hospital, Mumbai.

ACHIEVEMENTS:

- He was a recipient of the F.D.Mirza award for paper presentation at successive national conferences of the Indian Prosthodontic Society in 2001 and 2002 respectively.
- He is a recipient of International Fellowships from the UICC to pursue advanced training in Maxillofacial Prosthodontics in The Netherlands and Sweden.
- He is a recipient of the Biotechnology Innovation Grant from the Govt. Of India for research in facial prosthetics.

- He has also authored a chapter on Prosthetic Rehabilitation in a text book of Head and Neck Surgery titled “Restoration, Reconstruction and Rehabilitation in Head and Neck Cancer” His case report on customised ocular prosthesis has been published and acknowledged in the book Maxillofacial Rehabilitation: Surgical and Prosthodontic Management of Cancer-Related Acquired, and Congenital Defects of the Head and Neck by Dr John Beumer III, Mark T. Marunick , Salvatore J. Esposito.

LEADERSHIP POSITIONS:

- He is involved with both the Union for International Cancer Control (UICC) and World Health Organisation (WHO) in furthering the cause of Head and Neck Cancer Rehabilitation
- He is the current Vice President of the International Society for Maxillofacial Rehabilitation (ISMR), Founder Member of the International Confederation for Maxillofacial Prosthetics, Reconstruction and Rehabilitation, Founder, Past Secretary cum Treasurer and Past President of the Pune branch of the Indian Prosthodontic Society (IPSP), Past member of the Executive Committee of the Indian Prosthodontic Society (IPS) and Past Section Editor of the Journal of Indian Prosthodontic Society (JIPS).
- He is the Managing Trustee of Enhance Social Initiative to streamline his philanthropic initiatives

With an aim of addressing Awareness, Affordability and Accessibility in Maxillofacial Prosthetics, his current interest lies in advocacy and effecting remote healthcare delivery for patients in need.

He has to his credit, presentations at both national and international fora.