

INTERNATIONAL COLLEGE OF PROSTHODONTISTS
London Symposium - Satellite Meeting

KING'S
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* The ICP Main Symposium is taking place
in Shanghai, China October 14-17, 2023

ICP 2023

August 30 - September 2, 2023

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Invited Speaker – Joke Duyck

Title

Education in Removable Partial Denture Design using a 3D Interactive Tool

Abstract

Despite the preservation of teeth into old age, there are still many people who become partially edentulous and seek a prosthetic solution for this. If tooth- or implant-supported fixed prosthetic restoration is not possible or feasible, a removable prosthesis may be necessary. When the removable partial denture is fitted with a metal base frame, anchors and supports are fitted to the pillar teeth. These offer advantages in terms of retention and stability of the removable prosthesis.

It is important that the supports and retention arms of such a framed prosthesis are placed in the appropriate locations to provide optimal stability and retention of the prosthesis, taking into account the available pillar teeth. The purpose of this lecture is to refresh the basic mechanical principles for designing a frame prosthesis and discuss some concrete cases using a 3D interactive tool to facilitate teaching.

Biography

Joke Duyck is a full professor in the Department of Oral Health Sciences at KU Leuven. She holds a degree in dentistry (1995), specialist in Prosthetic Dentistry (2000) and a PhD in medical sciences (2000) from KU Leuven in collaboration with the University of Oslo.

She is responsible for teaching gerodontology and removable prosthetic dentistry within KU Leuven. Her research focuses on gerodontology and prosthetic dentistry, and in particular on the integration of oral health care in care planning for frail older persons. She is a member of the board of directors of the Flemish Institute of Oral Health and responsible for the preventive oral health care for frail older persons in Flanders.