Academy of Prosthodontics Annual Scientific Session
VIRTUAL   May 21 – 22, 2021

Program Speaker – Stephen J. Chu

Title

Risks, Complications, and Solutions with Immediate Tooth Replacement Therapy in the Esthetic Zone: A Paradigm Shift

Abstract

Immediate tooth replacement therapy (ITRT) has become a mainstream treatment modality for single and multiple tooth implants in the esthetic zone. However, extraction sockets pose unique challenges to the clinician since it has a finite dimension based upon tooth location that limits implant selection, primary stability, and gap distance that is critical for esthetics. In addition, risks exist such as socket perforation, loss of labial plate dimension over time, and loss of the interdental papilla.

The etiology of the aforementioned problems will be discussed and strategies for both the treatment of intact extraction sockets and those with dentoalveolar dehiscence defects will be presented.

Lastly, a discussion on innovations in hybrid implant designs and their role in ITRT will be demonstrated and supported with preclinical and clinical research

Learning Objectives

1. Understand the implant risks in the esthetic zone
2. Understand the biology behind circumferential bone volume for long term maintenance to prevent ridge collapse, recession, and papillae loss
3. Understand hybrid implant designs and how they may aid in ITRT

Biography

Stephen J. Chu is an Adjunct Clinical Professor at New York University College of Dentistry in the departments of periodontology, implant dentistry, and prosthodontics. He maintains a private practice in fixed prosthodontics, esthetic, and implant dentistry in New York City.

Dr. Chu has contributed over 80 publications including 6 textbooks in the dental literature and has given lectures nationally and internationally on the subjects of esthetic, restorative, and implant dentistry.

Presenter has disclosed Affiliation/Financial Interest with the following companies:
BioHorizons, Southern Implants, Hu-Friedy, Keystone Dental