

INTERNATIONAL CONFERENCE ON **DENTISTRY & DENTAL MATERIALS** MARCH 15-16, 2023 | (Hotel Crowne Plaza Dubai - Deira)



Dr. Emilio Arguello

Emilio Arguello¹, Marcus Abboud², Sihana Rugova³

¹. Harvard University School of Dental Medicine, Boston, USA ². Department of Engineering, State University of New York, New York, USA ³. School of Dental Medicine, State University of New York, New York, USA

The Transformation of Implant Bed Preparation: A Clinical Guide

While the industry has focused on implant fixture macro and micro designs for the last 50 years to have more predictable osseointegration, not much attention has been given to the osteotomy site and how the damage that occurs during drilling can negatively affect bone structure and overall implant success. Only limited research has been executed in this area with regards to cell behavior and cell response during drilling of the implant osteotomy. This lecture will address the new Bone Cell Protection technology that directly impacts the way implant placement is being executed today. A new clinical protocol will be presented that will help you to create superior outcomes and increase efficiency regardless of the implant system you currently use.

Keywords: Osteotomy, Drilling, Bone, Implant, Heat

Biography:

Dr. Emilio Argüello, obtained his dental degree, specialty training in periodontology, and Master of Science in Oral Medicine from Tufts University School of Dental Medicine in Boston, MA. Dr. Argüello is Board Certified and a Diplomate of the American Board of Periodontology and Implant Dentistry.. He has been a core faculty at the Harvard University School of Dental Medicine in the post-graduate periodontology program for over 15 years. Dr Argüello has faculty appointments in universities in the United States, Mexico and Europe.