Our understanding of oral-systemic health relationship is well formulated at current time. The current knowledge of local tissue healing and its responses to host conditions and influences is also becoming better founded in empirical data. Most contemporary medical therapies have significant impact on multiple host factors as they pertain to maxillofacial and oral health and healing. The program will review the pathophysiology, pharmacology and therapeutic principles required to competently manage surgical care in the dental setting.

A synopsis of the most significantly impacting systemic conditions, current medical therapies including profiles of the newest pharmacological agents will be presented and how they potentially influence patient responses to surgical therapy including intra-operative and post-operative complication. The program will provide real scenarios encountered in daily surgical practice and provide accepted standards of care based on our evolving knowledge of the subject. Specific complications attributable to conditions of the hematopoetic system, immune system and osteo-cartilaginous/integumentary systems will be highlighted. Detailed risk assessment strategies, acute and long term management protocols will be presented to aid the management of full spectrum of clinical setback and complications. Topics will include mild to severe infections, bone necrotizing conditions, genetic and acquired/induced coagulopathies, graft tissue rejection, implant failures as well as acute cardio/neuro/vascular, respiratory, immune and endocrine in office medical emergency management.

Program is presented as an overview and an update/primer for general practitioners and all those who deliver invasive oral surgical and periodontal care in their practice settings.

Dr. Peter Krakowiak

PETER KRAKOWIAK DMD (UBC'95) FRCD(C) FACP FADSA FICOI is an Oral & Maxillofacial Surgeon with clinical and academic interests in regenerative and reconstructive procedures for the maxillofacial skeleton. He is currently Clinical Professor at the Ostrow USC School of Dentistry, attending Faculty Department Plastic, Reconstructive and Oral & Maxillofacial Surgery and the division of Oral & Maxillofacial Surgery Keck graduate residency training in Oral & Maxillofacial Surgery at world renowned LAC+USC Trauma Center in Los Angeles, CA and completed his fellowship in the Department of Maxillofacial Surgery at University Of Michigan Medical Center in the Department of Maxillofacial Surgery. Dr. Krakowiak completed his formal dental education at the University of British Columbia’s Faculty of Dentistry in Vancouver Canada. Dr. Krakowiak is uniquely triple boarded by the American Board of Oral & Maxillofacial Surgery, National Dental Board of Anesthesiology and he is also a Fellow of the Royal College of Dentists of Canada in Oral & Maxillofacial Surgery. Dr. Krakowiak has authored numerous articles, papers including book chapters and has lectured to hundreds of doctors across USA, Mexico, Canada and Europe. He was one of the first specialists in California to incorporate CBCT technology into his practice over a decade ago and has extensive experience with use of BMP in maxillofacial reconstruction.