This course will provide clinicians an overview of the different technical aspects involved in acquiring, reconstructing, and viewing cone beam CT images to improve image quality and lead to better use of CBCT as an essential tool for diagnosis.

**EDUCATIONAL OBJECTIVES**

- Describe the fundamentals of CBCT acquisition
- Describe the effect of and rationale for using different CBCT exposure and acquisition parameters
- Improve the image quality for clinical applications

**CLINICIAN**

**GUSTAVO MACHADO SANTAELLA, DDS, MS, PHD** is an assistant professor and director of the Division of Radiology and Imaging Sciences, Department of Diagnosis and Oral Health at the University of Louisville School of Dentistry. He has a Master’s (2015) and a Ph.D. (2019) in Oral and Maxillofacial Radiology from the University of Campinas, Brazil. Dr. Santaella has published extensively on CBCT’s image quality, artifacts, and improving the diagnosis.

**CANCELLATION POLICY**

Cancellations received up to 72 hours prior to the course will receive a 50% refund. No refunds will be given for cancellations received within 72 hours of the course. Please note that Zoom will allow you to cancel out of a Zoom event at any time, however, all cancellations for this course must be made directly with UBC in accordance with this UBC CDE cancellation policy. Continuing Dental Education at The University of British Columbia reserves the right to cancel courses or switch instructors if deemed necessary by low enrolment, instructor cancellation or other unforeseen issues. In case of course cancellation by UBC CDE a full refund will be issued.