Association for Continuing Dental Education
Joint Live Webinar Series
Radiographic Interpretation: Benign or malignant and how to tell the difference

Date: Friday, April 16, 2021
Time: 12:00 Noon AST
Location: Zoom
Audience: The Dental Professional Community
Format: Lecture
CE Credit: 1.5 credits
Tuition: $75 CDN

Course Description:
With the adoption of cone beam CT technology, the dental practitioner is required to manage significantly more anatomical information and potentially more knowledge of maxillofacial pathoses than with 2D imaging. A more comprehensive understanding of how to recognize pathoses in CBCT volumes is required to recognize and describe abnormalities. A very significant part of this task is to be able to find and differentiate benign from malignant lesions. This course is designed to prepare the dental practitioner to systematically review a CBCT volume, recognize and categorize signs of abnormalities and how to tell the difference between benign and malignant lesions.

Learning Objectives:
At the conclusion of this course, participants will be able to:
1. Know the five principles of radiologic interpretation
2. Be familiar with the language and terminology for radiographic description
3. List the seven radiographic signs for differentiating benign lesions from malignant lesions
4. Be able to differentiate benign from malignant lesions

Don Tyndall
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Dr. Don Tyndall is Professor in the Department of Diagnostic Sciences at the UNC School of Dentistry and Director of Radiology. He received his D.D.S. in 1980 from the UNC School of Dentistry, his M.S.P.H. in 1984 and his Ph.D. in 1988 from the UNC School of Public Health. Dr. Tyndall has been the Director of Radiology for the School of Dentistry from 1988 to the present. He is a Diplomate of the American Board of Oral and Maxillofacial Radiology and was a Director and past President from 1995-1999. Dr. Tyndall has twice served as the Councillor for Scientific Affairs and Public Policy of the Executive Council of the American Academy of Oral and Maxillofacial Radiology. In addition, he is a fellow in the International College of Dentists. His research interests include 3-D digital imaging, 2D and 3D caries detection, applications of CBCT in dentistry and artificial intelligence in radiologic diagnosis. His work as author or co-author has been published in more than 120 journal articles.