

Dr. Bruno Azevedo

Mastering 3D imaging in Endodontics (2.5hrs, Hands-On)

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Cone Beam Computed Tomography (CBCT) has become an indispensable diagnostic imaging tool in clinical dentistry. The problem with this imaging technology is the lack of training offered to dentists on how to use and interpret 3D imaging in dentistry correctly. The **Mastering CBCT Imaging Course In Endodontics** is the ultimate course designed to address best practices involving technical issues such as acquisition parameters and image display settings for optimizing image quality and maximizing the diagnostic capabilities of available CBCT units.

Description:

This interactive- hands-on interpretation course offers a unique opportunity to learn the systematic approach to imaging interpretation developed by one of the most recognized CBCT imaging Educators – Dr. Bruno Azevedo.

Objectives:

- Each phase of the CBCT imaging workflow will be explained in detail.
- In the CBCT acquisition phase, we will stress the role of understanding and modifying exposure parameters according to specific diagnostic questions to achieve consistently “excellent” scans, independent of the CBCT scanner.
- In the data correction phase, we will teach you how to recognize undesirable imaging artifacts such as noise, beam hardening, and booming artifacts and demonstrate how software can help users reduce these untoward effects.
- Using clinical cases, we will illustrate the impact of task-specific enhancement filters and discuss in which clinical scenarios should they be applied.
- In the exploring data phase, we will provide insights into new hardware and software advances that will fundamentally change how we display and interact with CBCT volumes.
- Finally, in the data interpretation phase, we will discuss 3D anatomy of the mouth and adjacent areas with emphasis on the maxillary sinuses and imaging pattern recognition.
- I will explain how to use all data correction and imaging navigation tools to minimize your interpretation time and maximize your imaging diagnosis. – this will truly amaze you. This presentation will provide you with the essential tools to take full advantage of the vital benefits offered by CBCT imaging.