March 9, 2018

*Advanced Imaging in Dentistry: Why do we need them? – Dr. Trishul Allareddy*

This course is designed to enhance the understanding of Advanced Imaging in Dentistry with emphasis on applications, limitations, and anatomy with special consideration for minimizing the radiation dose to the patient while maximizing image quality.

**Participants should be able to:**
- Understand the applications of advanced imaging in Dentistry;
- Understand the limitations of advanced imaging in dentistry;
- Understand the dose considerations of these Advanced Imaging Modalities; and
- Understand the anatomy on advanced imaging

**Trishul Allareddy, DDS, MS,** is a Professor, Department of Oral and Maxillofacial Radiology at The University of Iowa, College of Dentistry, is a forensic odontology and health policy and outcomes research expert, and is currently involved in conducting research in multiple areas of dentistry. His primary research focus is in oral and maxillofacial radiology with emphasis on radiation protection in dentistry and has been funded on multiple projects by the industry and various national foundations. Dr. Allareddy has worked significantly over the last several years as the Chair of WG-22 Dentistry in DICOM and SCDI on patient dose reduction. He is one of the authors of the upcoming NCRP report in dentistry. Dr. Allareddy has authored more than 30 manuscripts or technical reports in dentistry, 50 abstracts and has been a reviewer for several peer reviewed journals and has presented extensively nationally and internationally. He is currently working on a technology that will significantly reduce the dose in Oral and Maxillofacial imaging in the future, in addition to bringing down the cost of the equipment.