

A Refresher on Computed Tomography and CT Doses

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This lecture reviews the development of computed tomography (CT) systems and the methods of measuring radiation doses associated with this modality. The evolution of the CT scanner; common algorithms for reconstruction; artifacts which may be produced; basic physics and advantages of various detector systems; factors which govern noise and image resolution in CT systems are topics which are included in this lecture.

This lecture is presented in high quality video with diagrams, charts and graphs. This learning activity includes a series of questions providing learners the opportunity to assess their knowledge prior to completing a short, online quiz. Upon finishing the quiz, learners will receive an OAMRT Certificate of Completion.

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