

Multi-slice CT Artifacts and Quality Control

This presentation will focus on examples and causes of artifacts produced by modern multi-slice CT scanners. Many of these artifacts were recognized because of a stringent quality control program implemented in our institution. The design of this quality control program will be described, along with its relative costs and benefits. Extending such a program among scanners produced by different vendors will be discussed.

Learning Objectives:

1. To recognize basic artifacts in patient and phantom images generated by modern multi-slice CT scanners.
2. To understand some basic requirements of a quality control program for multi-slice CT scanners.