

Dose Optimization CT Noise Image Quality

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Clinical Dose Optimization Service™

1. J. Winslow, Y. Zhang, E. Samei. **A Method for Characterizing and Matching CT Image Quality Across CT Scanners From Different Manufacturers.** Med. Phys. 10. 1002/mp.12554 (2017)
2. O. Christianson, J. Winslow, D.P. Frush, E. Samei. **Automated Technique to Measure Noise in Clinical CT Examinations.** Am J Roentgenol. July 205(1): W93-W99 (2015)
3. J. Winslow, C. Tien, D. Hintenlang. **Organ Dose and Inherent Uncertainty in Helical CT Dosimetry Due to Quasi-periodic Dose Distributions.** Med. Phys. 38, 3177 (2011)
4. C. Tien, J. Winslow, D. Hintenlang. **A Methodology for Direct Quantification of Overranging Length in Helical Computed Tomography with Real-time Dosimetry.** J. Appl. Clin. Med. Phys. 12 (2), 3326 (2011)
5. D. Hintenlang, W. Moloney, J. Winslow. **Physical Phantoms for Experimental Radiation Dosimetry, Chapter 14 in Handbook of Anatomical Models for Radiation Dosimetry.** Editors: XG Xu, KF Eckermann. CRC Press, 2010
6. J. Winslow, D. Hyer, R. Fisher, C. Tien, D. Hintenlang. **Construction of Anthropomorphic Phantoms for Use in Dosimetry Studies.** J. Appl. Clin. Med. Phys. 10(3):2986 (2009)
7. J. Winslow, D. Hintenlang. **Comment on Optimization of Slice Sensitivity Profile for Radiographic Tomosynthesis** [Med. Phys. 34, 2907-2916 (2007)]. Med. Phys. 35 (7), 3393-3395 (2008)

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