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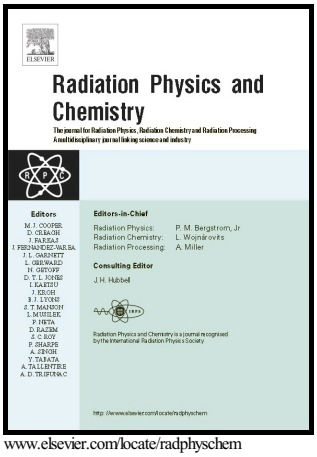
Comparison study of image quality and effective dose in dual energy chest digital tomosynthesis

Donghoon Lee, Sunghoon Choi, Haenghwa Lee, Dohyeon Kim, Seungyeon Choi, Hee-Joung Kim



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Comparison study of image quality and effective dose in dual energy chest digital tomosynthesis

Donghoon Lee,[a] Sunghoon Choi,[b] Haenghwa Lee,[b] Dohyeon Kim,[a] Seungyeon Choi,[a] and Hee-Joung Kim[a,b,1]

[a] *Department of Radiation Convergence Engineering, Research Institute of Health Science, Yonsei University, 1 Yonseidae-gil, Wonju, Gangwon, 220-710 Korea*

[b] *Department of Radiological Science, College of Health Science, Yonsei University, 1 Yonseidae-gil, Wonju, Gangwon, 220-710 Korea*

[1]Corresponding author:
Hee-Joung Kim
E-mail: hjk1@yonsei.ac.kr

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Abbreviations: ACNR, anti-correlated noise reduction; ART, algebraic reconstruction technique; CBCT, cone beam computed tomography; CDT, chest digital tomosynthesis; CT, computed tomography; FBP, filtered backprojection; FOM, figure of merit; FOV, field of view; HU, Hounsfield unit; GGO, Ground glass opacity; MLEM, maximum likelihood expectation maximization; NIST, National Institute of Standards and Technology; ROI, region of interest; SA, spectrum apodization; SDD, source to detector distance; SLS, Simple log subtraction; SOD, source to object distance; ST, slice thickness.

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