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Advances in digital chest radiography: impact on reader performance

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List of publications:

Observer Training for Computer-aided Detection of Pulmonary Nodules in Chest Radiography.

De Boo DW, van Hoorn F, van Schuppen J, Schijf L, Scheerder MJ, Freling NJ, Mets O, Weber M, Schaefer-Prokop CM
Accepted for publication in European Radiology

Gray-scale Reversal for the Detection of Pulmonary Nodules on a PACS workstation

De Boo DW, Uffmann M, Bipat S, Boorsma EFA, Scheerder MJ, Weber M, Schaefer-Prokop CM.
AJR American Journal of Roentgenology 2011; 197:1096-1100

Computer-Aided Detection of Small Pulmonary Nodules in Chest Radiographs: An Observer Study

De Boo DW, Uffmann M, Weber M, Bipat S, Boorsma EFA, Scheerder MJ, Freling N, Schaefer-Prokop CM
Academic Radiology 2011; 197:1507-14

Computed Radiography versus Mobile Direct Radiography for Bedside Chest Radiographs: Impact of Dose on Image Quality and Reader Performance

De Boo DW Weber M, Deurloo EE, Streekstra GJ, Freling N, Dongelmans DA, Schaefer-Prokop CM.
Clinical Radiology 2011; 66:826-32

Computer-aided Detection of Lung Cancer on Chest Radiographs: Effect on Observer Performance.

de Hoop B, **De Boo DW** Gietema HA, van Hoorn F, Mearadji B, Schijf L, van Ginneken B, Prokop M, Schaefer-Prokop C.
Radiology. 2010; 257:532-40

Computer-aided detection (CAD) of lung nodules and small tumours on chest radiographs (a review).

De Boo DW, Prokop M, Uffmann M, van Ginneken B, Schaefer-Prokop CM.
European Journal of Radiology 2009; 72:218-25

DR and CR: recent advances in technology (a review).

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European Journal of Radiology 2009; 72:194-201