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Entrance Skin Dose (ESD) and Bucky Table Induced Backscattered Dose (BTI-BSD) in abdominal radiography with nanoDot Optically Stimulated Luminescence Dosimeter (OSLD)

Sayed, IS; Roslan, NS and Syed, WS

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In radiography, inconsistencies in patients' measured entrance skin dose (ESD) exist. There is no published data on the backscattered radiation dose (BTI-BSD). Thus, we aimed to ascertain ESD, calculate the BTI-BSD in abdominal radiography, and compare the ESD results with the published data. A Kyoto Kagaku PBU-50 phantom (Kyoto, Japan) in

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