

Supplementary Material

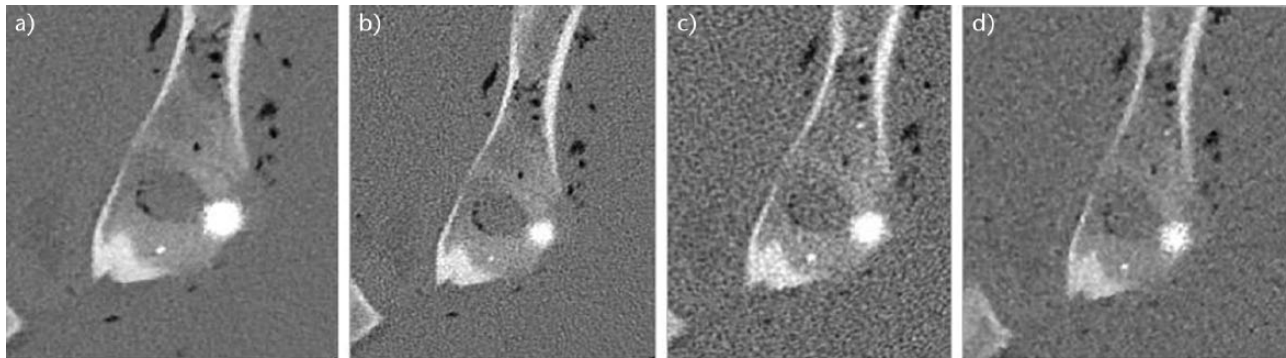


Fig. a

Examples of images: a) osteolysis left, highest resolution, 100% radiation level, polychromatic, ADMIRE 5; b) osteolysis left, 25% radiation level, polychromatic, ADMIRE 5; c) osteolysis left, 25% radiation level, polychromatic, ADMIRE 0 (no iterative reconstruction); d) osteolysis left, 25% radiation level, 100 kiloelectron volts monochromatic reconstruction, ADMIRE 5.

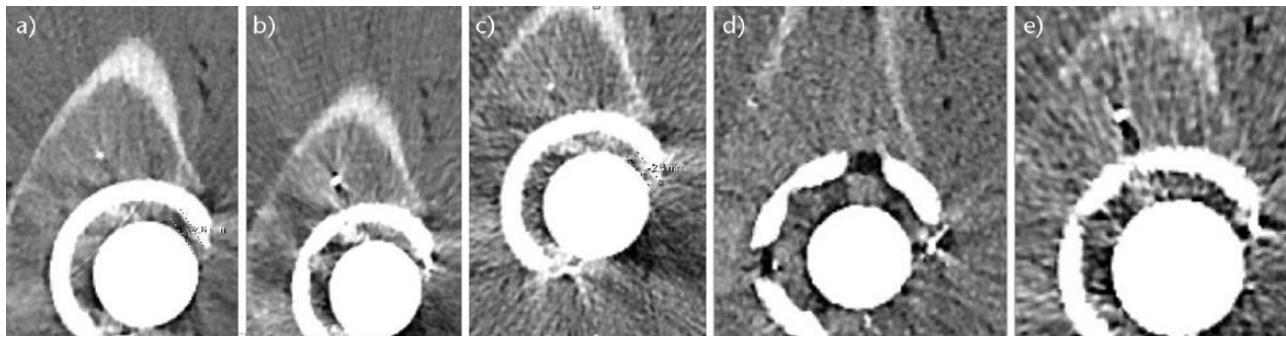


Fig. b

Examples of images: a) wear left, mixed 100% radiation, ADMIRE 5; b) wear left, mixed 25% radiation, ADMIRE 5; c) wear left, mixed 25% radiation, ADMIRE 0; d) wear left, monochromatic reconstruction 150 kiloelectron volts (keV), 25% radiation level, ADMIRE 5; e) wear left, monochromatic reconstruction 150 keV, 25% radiation level, ADMIRE 0.