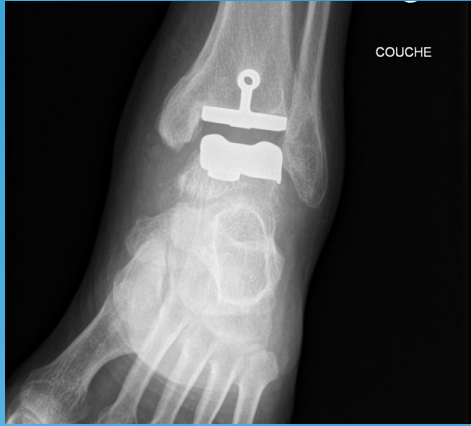
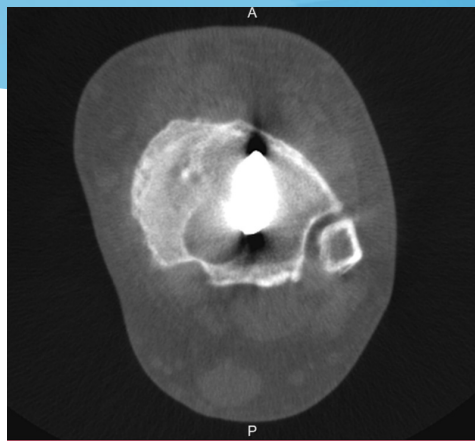


Case Study: Visualizing Cyst Formation Post-Operatively After Total Ankle Replacements



A patient was implanted with a Salto-Talaris total ankle replacement system total ankle replacement 9 years prior. He presented ankle pain.

His AOFAS score was 44%. The X-Ray exam appeared normal. However, a pedCAT CT scan revealed large cysts around the top of the implant.



Francois Lintz, MD, FEBOT

"The problem with X-Ray is you cannot visualize small cysts, and sometimes even large ones like in this case," the treating doctor said. "As far as treatment plan, in this case we are going to monitor progression of the cyst. The big advantage with pedCAT is that using a much lower radiation dose, I was able to get a 3D scan as soon as he became symptomatic. Now I scan every single post-operative TAR patient every two years so we can see the cysts and intervene before the bone loss is too large and creates too many problems in the revision surgery."