**Supplemental Figure 1: Standard Knee Radiographs of an Alkaptonuria patient.**

   

*Reduction of medial joint space noted on the left side. Spiking of tibial spine is seen on the right side with reduction of patello-femoral joint space. Patellar osteophytes are also noted bilaterally. No evidence of joint effusion. Moderate osteoarthorosis both knees.*