## Ferras Zeni, MD ) Foot & Ankle Orthopedic Surgeon / Limb Lengthening & Deformity Correction



Patient presented with severe pain in the great toe despite appropriate medical treatment. Patient had grade 4 changes (bone on bone arthritis) of the joint. Because of the patient's young age and active lifestyle, they wanted to avoid fusion. A Cartiva implant was performed. This can reliably be done in the absence of a deformity of the joint like a bunion. The image on the right shows increased joint space after the implant has been placed. Unlike cartiva, metallic implants have been shown to have inferior results compared to standard treatment.