

Interpositional Arthroplasty of the 4th and 5th Tarsometatarsal Joints: A novel solution for arthritis

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Lateral column midfoot arthritis involving the fourth and fifth tarsometatarsal joints is a relative common and painful condition. Arthritis involving the medial and central midfoot columns of the foot fusion is routinely performed for arthritic and traumatic conditions. The lateral column of the midfoot includes the 4th and 5th tarsometatarsal joints. Fusion of the fourth and fifth tarsometatarsal joints causes a painful, stiff condition and is to be avoided if at all possible. Conventional surgical treatment of the arthritic 4th and 5th TMT joints use an interpositional graft or device. The novel technique presented involves a using a biocompatible dermal allograft. It is a durable solution that maintains lateral column mobility, provides structural stability, and effectively treats arthritis. The techniques is relatively simple with minimal instrumentation.