

Medial Meniscal Allograft Transplantation With Revision Anterior Cruciate Ligament Reconstruction

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The meniscus is a load-bearing structure of the knee that optimizes contact area and minimizes contact stress at the articular surface. Meniscal deficiencies may result in compromised hoop stresses and increased contact stress areas, which leads to early progressive osteoarthritis. Historically, meniscal tears not amenable to simple repair have been managed via arthroscopic partial and/or total meniscectomy; however, in younger, active patients, this may result in continued progression of osteoarthritis. Recently, meniscal allograft transplantation has emerged as a salvage treatment option for patients with meniscal deficiency. Particularly in patients with concomitant anterior cruciate ligament injuries and coronal or sagittal malalignment, techniques for meniscal allograft transplantation (ie, slot, bone plugs) may be altered to avoid tunnel convergence or compromise or fixation. This video presents a combined technique for anterior cruciate ligament reconstruction and meniscal allograft transplantation with a bone plug posteriorly and an all soft-tissue attachment anteriorly with a knotless suture anchor.