

Update On Surgical Management Of Knee Articular Cartilage Injury

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Management of articular cartilage lesions in the knee remains a challenge for orthopaedic surgeon. A wide range of options , ranging from conservative measures, through simple arthroscopic interventions, marrow tapping techniques, osteochondral auto/allo-grafting, cell-based techniques, growth factors and emerging gene therapy techniques.

The four most common surgical treatment techniques: microfracture, autologous chondrocyte implantation, autologous osteochondral transfer and osteochondral allografting are presented. Management of associate abnormalities of so-called “background factors” such as limb or patellofemoral malalignment, joint instability and meniscal injury is an important component of any cartilage treatment program.