DeNovo® NT Graft Bibliography

Publications

A treatment algorithm and detailed description of surgical technique for treatment of talar lesions with DeNovo NT Graft. This paper describes 12 month postoperative images of a 24 year old male with near complete resolution of talar edema and formation of cartilage surface.
Link to Abstract: [http://journals.lww.com/techfootankle/Abstract/2011/06000/Particulated_Juvenile_Articular_Cartilage.10.aspx](http://journals.lww.com/techfootankle/Abstract/2011/06000/Particulated_Juvenile_Articular_Cartilage.10.aspx)

Retrospective review of 7 patients with full-thickness cartilage defects treated with medial malleolar osteotomy, subchondral allograft, and DeNovo NT Graft. All 7 patients showed clinically significant improvement in pain and activity scales 6 months postoperatively.
Link to Abstract: [http://fas.sagepub.com/content/5/5/300](http://fas.sagepub.com/content/5/5/300)

Case report of a 36 year old male with a full-thickness chondral defect of the patella treated with DeNovo NT Graft. At 2 years postoperative, MRI demonstrates full defect fill and resolution of subchondral bone edema, and KOOS and IKDC outcomes scores are substantially improved.

Case series of 24 ankle surgeries, implanted with DeNovo NT Graft, for symptomatic chondral lesions. At an average follow up time of 16 months, 78% had good to excellent scores on the AOFAS scale with one partial revision. Link to Abstract: [http://fai.sagepub.com/content/early/2013/04/10/1071100713485739.abstract](http://fai.sagepub.com/content/early/2013/04/10/1071100713485739.abstract)

Case series of 15 knee surgeries for grade 4 lesions of the patella treated with DeNovo NT Graft. At an average follow up time of 28 months, the mean fill was 89% and the ICRS cartilage repair assessment score on MRI was “nearly normal” for all subjects. Clinical outcomes scores for IKDC and KOOS scales were comparable to those published for ACI.

Review of surgical technique and preliminary data for DeNovo NT Graft and Cartilage Autograft Implantation System (CAIS). This paper summarizes previously published findings of clinical improvement and defect resolution via MRI.

Case study of 4 patients with chondral lesions of the femoral condyle or trochlear treated with DeNovo NT Graft. 2 year follow up demonstrated clinically significant improvements in KOOS, IKDC subjective and VAS pain scores. MRI showed good defect fill that persists at least two years.
Link to Abstract: http://car.sagepub.com/content/2/4/346.abstract?rss=1

A review of treatment options for osteochondral lesions of the talus and a description of the surgical technique for implanting DeNovo NT Graft.
Link to Abstract: http://fas.sagepub.com/content/3/6/361

A case study of a 30 year old female with a grade 4 talar osteochondral lesion treated with DeNovo NT Graft. The patient was pain free by 6 months postoperatively and returned to full activity. The patient was interviewed again at 24 month postoperatively with the same results.