

A synergistic solution for the treatment of chondral and osteochondral lesions

Inspired by Nature, Perfected by Science



Hyaluronic acid-based scaffold used with mesenchymal stem cells (MSCs) for onestep cartilage regeneration treatments

- VERSATILE
- FAST
- EFFECTIVE



Advanced marrow stimulation procedure to maximise MSCs recruitment and minimise subchondral bone damage

- SMALLER
- DEEPER
- BETTER



One-step cartilage regeneration treatment based on the combination of the most efficient bone marrow stimulation technique and the only 100% HA-based scaffold

ANIKA

NanoFx®

OFFERS A "SMALLER, DEEPER, BETTER" SOLUTION COMPARED TO A STANDARD MICROFRACTURE PROCEDURE

- 1. SMALLER holes for more cell channels
- 2. DEEPER holes for increased cell quantity
- 3. BETTER cell recruitment for a better repair

Compared to microfracture and k-wire stimulation, NanoFx[®] showed superior bone marrow access with multiple trabecular access channels extending 9mm into subchondral bone¹.





Hyalofast[®]

UNIQUE CHARACTERISTICS PUT HYALOFAST CARTILAGE REPAIR ONE STEP AHEAD

Excellent clinical and MRI results in the treatment of chondral and osteochondral defects of ankle and knee. Hyaline-like cartilage confirmed by MRI T2 mapping^{2,3,4}.

UNIQUE HANDLING

- 1. No fixation required in most cases
- 2. Can be applied either side up
- 3. Easily adaptable to any lesion shape
- 4. Easily and quickly implanted via arthroscopy



Behrens et al., Bone Marrow Access in Cartilage Repair: Comparison of Microfracture, Nanofracture, K-wire, and Drill in the Adult Ovine Model., e-Poster: P87 Congress: ICRS 2013
Buda R., et al. Regenerative treatment in osteochondral lesions of the talus: autologous chondrocyte implantation versus one-step bone marrow derived cells transplantation. International Orthopaedics (SICOT). 2015.
Gobbi A. et al. Long-term Clinical Outcomes of One-Stage Cartilage Repair in the Knee with Hyaluronic Acid–Based Scaffold Embedded with Mesenchymal Stem Cells Sourced From Bone Marrow Aspirat Concentrate. The American Journal of Sports Medicine 2019 June

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^{4.} Battaglia M., et al. Validity of T2 mapping in characterization of the regeneration tissue by bone marrow derived cell transplantation in osteochondral lesions of the ankle. Eur J Radiol. 2010 Aug.