Single-step scaffold-based cartilage repair in the knee

Fischer S

Record Status
This is a bibliographic record of a published health technology assessment from a member of INAHTA. No evaluation of the quality of this assessment has been made for the HTA database.

Citation

Authors' objectives
In this report, we analysed whether single-step scaffold-based cartilage repair in combination with microfracturing (MFx) is more effective and safe in comparison to microfracturing alone, or as effective but safer in comparison to (matrix-induced) autologous chondrocyte implantation.

Authors' conclusions
In total, data from three controlled trials that met our inclusion criteria were extracted. It appears that single-step scaffold-assisted cartilage repair in combination with MFx leads to similar short to medium-term (up to five years follow-up) results, compared to MFx alone. Overall, the strength of the evidence was low. At the moment, it seems too early to include single-step scaffold-assisted cartilage repair of the knee in the Austrian catalogue of benefits. A re-evaluation is recommended for 2018 at the earliest.

Project page URL
http://eprints.hta.lbg.ac.at/1095/

Final publication URL
http://eprints.hta.lbg.ac.at/1095/1/DSD_98.pdf

Additional data URL
http://hta.lbg.ac.at/page/bewertung-medizinischer-einzelleistungen-mel-berichte/en

Indexing Status
Subject indexing assigned by CRD

MeSH
Cartilage, Articular; Humans; Knee Joint

Language Published
English

Country of organisation
Austria

English summary
An English language summary is available.

Address for correspondence
Ludwig Boltzmann Institute fuer Health Technology Assessment (LBI-HTA), Garnisongasse 7 rechte Stiege Mezzanin (Top 20), 1090 Vienna, Austria. Tel: +43 1 236 8119 - 0 Fax: +43 1 236 8119 - 99

AccessionNumber
Date abstract record published
14/09/2016