References:

Data on file. Scaffdex Ltd


Tihonen R, Skyttä E, Iliskalo M, Kaares M, Bill E: Comparison of Bioreplaceable Interposition Arthroplasty with Metatarsal Head Resection in the Rheumatoid Foot. One-Year Results of a Prospective, Randomised Clinical Study. Foot Ankle Int. 2010 Jun;31(6):505-10


Advantages of RegJoint™

- Significantly improved functionality in operated limbs
- Significantly decreased pain in operated limbs
- No weight or function restrictions after rehabilitation period
- Excellent appearance of operated limbs
- No risk of implant breakage due to bioabsorbable material
- No need for implant removal due to bioabsorbable material
- No significant osteolysis during implant resorption
- Restoration of the structure and function maintained after implant resorption
- Possibility to use intramedullar bone grafting to fill osteolytic cavities in revision arthroplasties
- Over 10 years clinical experience

Operational technique of RegJoint™

- The size of RegJoint™ is chosen to completely cover the bone of the affected joint
- Implant is sutured with bioabsorbable stitches inside the joint space
- Causes no stress and shields the diaphysis
- Valuable especially in cases with major bone resorption
- No specific instrumentation needed
- No medullary preparation needed

Clinical experience prior to regulatory approval

- Approximately 210 hand and 50 feet patients included in clinical trial with long-time follow-up
- Over 200 patients in controlled studies
- 160 rheumatoid arthritis and 100 OA/other joint diseases
- Excellent pain relief and functionality
- No significant adverse events

Availability of RegJoint™

- RegJoint™ is available in European Union and Turkey
- Currently used in an increasing number of hospitals and clinics, updated user information available from Scaffdex

Principles of RegJoint™

- Indicated in small joint arthroplasties
- A porous bioabsorbable 96L/4D poly-L/D-lactide copolymer small joint spacer
- Implanted in situ to form a living, functional, flexible tissue

Product selection

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Figure 1: Change in mean AOFAS score in operated feet (N=85).

Figure 2: Change in mean pain scores by Visual Analogue Scale in operated hands (N=254).