

ARTELON[®] MTP SPACER

Designed to Reduce Joint
Pain and Stiffness Caused
by Osteoarthritis

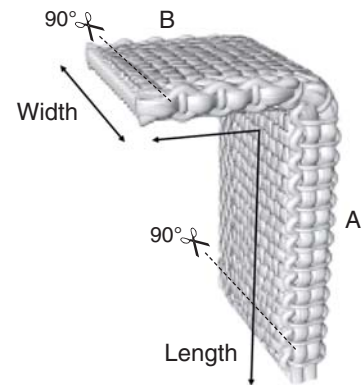


Artelon[®] MTP Spacer

DESIGNED WITH BIOLOGY IN MIND

For Treatment of Osteoarthritis in the Joint at the Base of the Big Toe

- Intended to be implanted into the metatarsalphalangeal (MTP) joint as an interpositional spacer between the metatarsal bone and the proximal phalanx
- The device is intended to be used for osteoarthritic MTP-1 joints, such as Hallux Rigidus
- A woven, textile device made of Artelon® fibers
- A biocompatible, degradable material made of polycaprolactone-based polyurethaneurea (PUUR)
- Safe and well tolerated—human biopsies have revealed excellent Artelon/host tissue biocompatibility in both bone and soft tissues*
- *In vivo* biocompatibility studies have shown no signs of adverse tissue reactions, inflammation or foreign body response*
- Vertical portion separates the surfaces of the arthritic joint from each other
- Horizontal portion is used to fixate the device



Artelon® MTP Dimensions	
Wing Length (B)	10mm
Wing Width (B)	14mm
Vertical Length (A)	20mm
Vertical Width (A)	14mm

ORDERING INFORMATION

Part No.	Description
800-1001	Artelon® MTP Spacer

Surgical Technique

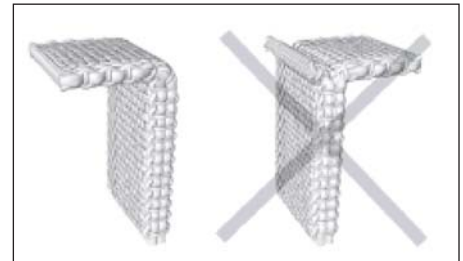


Preparation: Soak the ARTELON MTP Spacer in sterile saline solution (0.9% NaCl) at room temperature for at least 5 minutes before use.

The MTP joint is opened by making a dorsal medial incision in the joint capsule. Release other stabilizing structures in order to adduct the phalanx to access the articular surfaces. If needed, resect osteophytes.



Resect the phalangeal articular surface together with subchondral bone sufficiently deep to reach bleeding bone (approx. 1-2mm). Release a flap of the dorsal periosteum. The flap should be wider than the width of the device but short enough not to damage the distal insertion of the joint capsule. Measure the vertical distance of the implant interposition site and also the length of the flap. Trim the length of the interposition part and the wing accordingly. Fixate both the interposition and wing part of the device solidly to the phalanx. An example of fixation would be transosseous sutures.



Observe that the wing should be folded to cover the cut off fringe (Fig. 5). Suture the periosteal flap back to cover the wing. Close the joint capsule and re-approximate the stabilizing structures to restore the anatomy. Finally close the skin.

CE * Data on file
0088

Not available for sale in the United States.

Artelon® a biodegradable polyurethaneurea, manufactured by Artimplant AB.

Artelon® is a registered trademark of Artimplant of Gothenburg Sweden and the MTP Spacers are marketed in the US by Small Bone Innovations, Inc. under an exclusive license

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