

# Integrity™

Implant System
Foot & Ankle Information Sheet

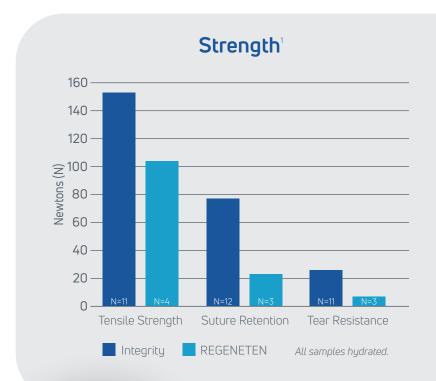
The Anika Integrity Implant is a hyaluronic acid-based scaffold for tendon repair that provides reliable strength and regenerative biology.

#### Reliable strength

 Integrity provides higher tensile strength, suture retention, and tear resistance than REGENETEN in a thin knitted format<sup>1</sup>

# Regenerative biology

- Hyaluronic acid-based scaffold supports regenerative healing through improved cell infiltration, tissue remodeling, and tendon thickening
- More than doubles in weight with bone marrow aspirate or native fluid<sup>1</sup>



### **APPLICATIONS OF USE**

- Achilles tendon
- Peroneal tendon
- · Posterior tibialis tendon



Integrity augmenting Achilles tendon

### Material Science

The Integrity Implant is constructed from Anika's Hyaff® material, a proven hyaluronic acid technology that supports tissue regeneration and resorbs over time, reinforced with non-absorbable PET (polyethylene terephthalate).

#### Hyaff-11

- Benzyl ester modified derivative of hyaluronic acid (HA), a naturally occurring substance in the body
- Once Hyaff degrades, releasing HA, it is naturally resorbed into the body<sup>2</sup>
  - HA is a natural and major component of the human body and is biocompatible<sup>2</sup>
- Fibers can be knitted to form robust structures<sup>3</sup>

Hyaff derivatives have been used globally for more than 20 years with excellent safety and efficacy<sup>1</sup>

Anika has been developing, manufacturing, and selling HA-based products for over 30 years<sup>1</sup>

# Ordering Information

Part number	Description
6000100	20x25mm Integrity Implant
6000101	25x30mm Integrity Implant

- 1. Data on file, Anika Therapeutics, Inc.
- Campoccia, Davide, et al. "Semisynthetic resorbable materials from hyaluronan esterification." Biomaterials 19.23 (1998): 2101-2127.
- Milella, E., et al. "Physico-chemical properties and degradability of non-woven hyaluronan benzylic esters as tissue engineering scaffolds." Biomaterials 23.4 (2002): 1053-1063.

Achilles and peroneal tendon photos courtesy of Dr. Ryan Fitzgerald.

#### Anika Therapeutics, Inc.

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www.anika.com | Anika. Restore Active Living." | Stay Active

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AML-900-669 REV 02



#### Pre-clinical data

In a head-to-head study comparing Anika's Integrity Implant and REGENETEN, fibroblast infiltration and regularly oriented new collagenous tissue formation had occurred within the Integrity repair, demonstrating **greater regenerative capacity** as early as 12 weeks post-implantation.<sup>1</sup>

