



accufix
SURGICAL

CHOOSE FUNCTION OVER FUSION

A REVOLUTIONARY NEW TREATMENT
FOR MTP JOINT DISORDERS



The Accu-Joint™ has been engineered to withstand levels of stress from normal everyday activity as achieved by the fatigue testing requirements associated with FDA approval. U.S. Pat. No. 10,765,522, 10,959,851, 11,039,928, 11,051,946. Other patents pending.

RESTORE NATURAL MTP FUNCTION AND MOTION WITH THE ACCU-JOINT™

The Accu-Joint™ system is a revolutionary, FDA-approved treatment for MTP joint disorders that enables restoration of MTP function and motion with limited resection of hard bone. The unique design allows stress to be placed on the patient's natural bone, not on the implant. By choosing joint preservation over joint fusion the Accu-Joint™ functionally restores arthritic toe joints.



RETAIN FUNCTIONALITY

Provides rigid fixation by utilizing the preserved rigid bone mass to ensure the necessary strength and stability needed for full foot functionality.



NON-WEIGHT BEARING IMPLANT

The Accu-Joint™ is 10-15% smaller than the diameter of the bone, ensuring weight bearing on the bone, not the implant.



INTRA-OPERATIVE FLEXIBILITY

The Accu-Joint™ is available in multiple sizes designed to treat the pathology of the greater and lesser MP joints. The surgeon has the option of addressing the metatarsal head or the phalangeal base, depending on clinical indications.



PATENTED DESIGN

Replaces only what is anatomically required, avoiding resection of hard bone.

“Simply said, the Accu-Joint™ restores anatomical function. It allows natural joint motion by design and does not preclude the option of future treatments if required. I am excited to offer the Accu-Joint™ to my patients and select joint preservation over joint fusion.”



DR. GLENN C. VITALE
DPM, FACFAS

WHO IS THE ACCU-JOINT™ FOR?

The Accu-Joint™ is indicated for use in the treatment of patients with degenerative and post-traumatic arthritis of the MTP joint in the presence of good bone stock with the following clinical conditions: hallux limitus, hallux rigidus, and any arthritic conditions having unstable or painful MTP joints.

THE REVOLUTIONARY ACCU-JOINT™ SYSTEM

2-STAGE REAMER

Our unique two-stage MTP joint reamer removes the damaged cartilage and creates a 1mm recess into the subchondral bone, allowing for precise implant seating. This preserves bone anatomy and bone length. At the same time, the second stage blades remove extra articular osteophytes, ensuring smooth articulation and 360 degree clearance.

PERFORMS 2 CORE FUNCTIONS:



Stage 1 creates 1mm recess for implant seating.



Stage 2 performs 360 degree extra articular cheilectomy.

Creates 1mm recess for implant seating.

Performs 360 degree extra articular cheilectomy.

ACCU-JOINT™ IMPLANT

The Accu-Joint™ implants include cancellous threaded solid stems that provide rigid fixation and help prevent infection into the medullary canal. They also contain grooves and scalloped edges under the articular head of the implant to allow bone ongrowth for reliable anti-rotation. The barrel of the stem, just beneath the articular surface, transfers all stress forces off the stem and away from the softer medullary canal into the hard subchondral bone where it is rigidly fixated. The implant is designed to sit flush to the surface of the joint, ensuring smooth range of motion.

The implants are smaller than the diameter of the bone end, and are intended to ensure that the bone, not the implant, bears the full weight of the body. This transfers force from the implant to the strong subchondral bone, while delivering the strength and implant stability necessary for full foot function.

“We finally have a viable option to choose joint preservation over joint fusion.”

DR. GLENN C. VITALE
DPM, FACFAS



The implant is engineered to transfer stress forces onto the preserved hard subchondral bone and off the stem of the implant.

Reduced implant diameter prevents weight bearing on the implant by transferring load to the bone.

Grooves and scalloped edges under the head of the implant allow bone ongrowth, reducing implant rotation or loosening.

Non-cannulated solid stem cancellous threads prevents entry of infection into the medullary canal.

CHOOSE JOINT PRESERVATION OVER JOINT FUSION

JOINT FUSION:

- ✗ Irreversible procedure
- ✗ Eliminates range of motion
- ✗ Painful recovery
- ✗ Compromises bone anatomy and length

ACCU-JOINT™

- ✓ Limited resection preserves subchondral bone
- ✓ Bone anatomy and length are preserved
- ✓ Implant forces transferred to strong subchondral bone
- ✓ Maintains motion and flexibility of the joint

Bone fusions represent the majority of current MTP joint procedures

Let's
change
that



JOIN US IN THE FIGHT FOR FUNCTION OVER FUSION

For additional information and demonstration videos visit accufixsurgical.com. If you have questions about the Accu-Joint™ system, please contact us at accufixsurgical.com/contact.

