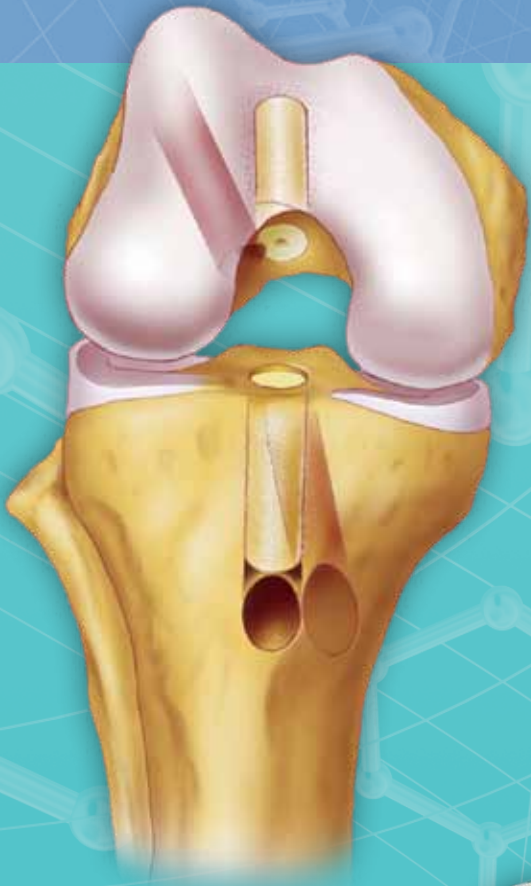


Unicortical Bone Dowel



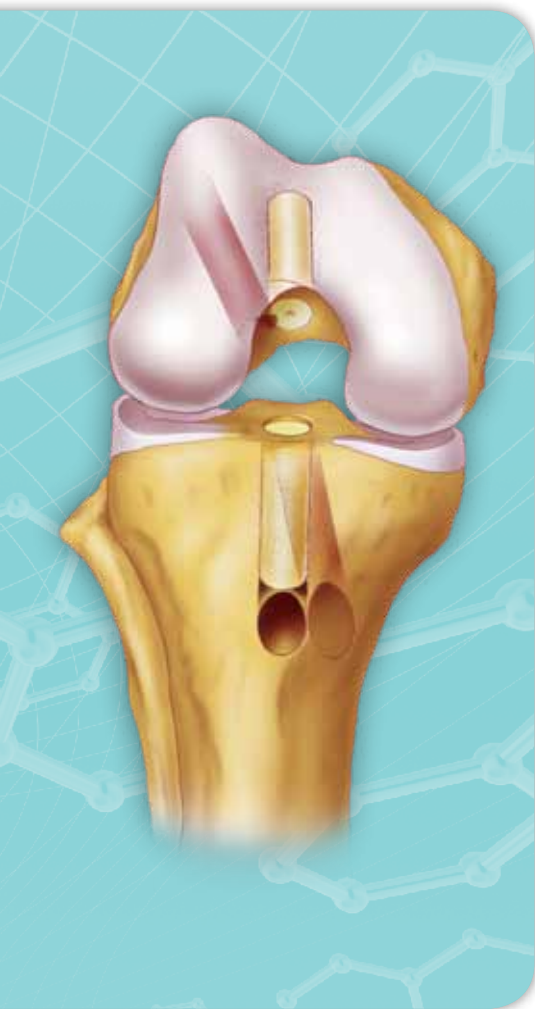
The unicortical bone dowel provides a pre-shaped allograft option for bony deficiencies in ACL revision procedures. Unicortical bone dowels distributed by RTI Biologics are comprised of dense cancellous bone and a cortical wall with partial cannulation for ease of implantation. This implant is sterilized through RTI's proprietary BioCleanse® Tissue Sterilization Process.

Technical Specifications:

- Diameter: 8-16 mm (2mm increments)
- Length: 15-35mm
- Unicortical wall with partial cannulation

Key Implant Features:

- Cancellous bone allows for bony ingrowth for incorporation
- Cortical wall features partial cannulation to allow for ease of placement within femoral and tibial tunnels
- Pre-shape provides smooth interface with tunnel walls
- Freeze-dried for easy storage
- Processed through the BioCleanse process and labeled STERILE



Technique Guide:

PLEASE NOTE: *Staged reconstruction may be appropriate to avoid overlap between original and revision tunnels according to surgeon preference. This technique guide should not be substituted for independent professional judgment of the health care provider.*

1. After confirming the original ACL tunnels are suitable for grafting, an allograft bone dowel approximately 1mm larger in diameter is chosen to fill the bone deficiency, per typical surgeon preference.

Note: *Diameter of the existing tunnel can be established using sequentially sized reamer or dilator.*

2. The graft should be rehydrated according to package insert before implantation.
3. The tunnel should be debrided to ensure adequate bone is exposed in the tunnel to allow for incorporation of the introduced graft.
4. Employ preferred method for implanting graft into femoral and tibial tunnels. The graft may be press-fit or impacted into the bony defect.

Note: *The graft features partial cannulation to aid with insertion.*

- 4A. For insertion into the tibial tunnel, the graft may be inserted outside of the proximal tibia, using a tamp and mallet to advance the dowel to just below the articular surface.
 - 4B. For insertion into the femoral tunnel, the graft may be introduced into the knee through the medial portal and impacted into the defect. The graft should lie slightly recessed from the notch roof.
5. Drilling of new anatomic tunnels may then proceed as normal without need to reference previous tunnel position.

Ordering Information:

Code	Description	Dimensions
D02808	8mm Unicortical Bone Dowel	8mm (dia) x 30-35mm (length)
D02810	10mm Unicortical Bone Dowel	10mm (dia) x 30-35mm (length)
D02812	12mm Unicortical Bone Dowel	12mm (dia) x 15-35mm (length)
D02814	14mm Unicortical Bone Dowel	14mm (dia) x 15-35mm (length)
D02816	16mm Unicortical Bone Dowel	16mm (dia) x 15-35mm (length)
D02818	18mm Unicortical Bone Dowel	18mm (dia) x 15-35mm (length)

RTI | BIOLOGICS®

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To order, call RTI directly: **800.624.7238**

REIMBURSEMENT INFO: Call 877.839.7152