



Get a Grip.

Truliant Porous Knee

TRULIANT[®]
TOTAL KNEE SYSTEM

Strength.
Stability.
Efficiency.

Exactech[®]



TRULIANT

TOTAL KNEE SYSTEM

Porous Knee

Truliant® Porous Knee leverages today's advanced manufacturing technologies to mimic the trabecular nature of cancellous bone with optimal pore size and porosity. The porous structures integrated into the implant are designed to facilitate a durable bonding surface to allow for immediate and long-term biological fixation and facilitate potential bony in-growth. Truliant Porous Knee is designed for strength and stability for the patient, and efficiency for surgeons and staff in the operating room.

Key Benefits

Strength

- Strong surface characteristics of the crushed bead coating demonstrate stable initial fixation.¹
- Additive manufacturing of the porous tibial design replicates the trabecular nature of cancellous bone with optimal pore size and porosity for strong fixation.

Stability

- Peripherally placed porous tibial pegs are designed to provide stable initial fixation and an increased bone-implant interface.
- Dual v-channeled, winged keel is designed to increase early bone-implant engagement for increased rotational stability and resistance to micromotion.
- Tibial bone screw fixation option for further intra-operative and long-term stability if desired.

Efficiency

- Porous femoral preparation and implantation are compatible with Truliant primary knee instrumentation with improved workflow and no instrument changes.
- Porous tibial preparation includes minimal additional instrumentation that is designed for improved ergonomics and efficiency.
- Eliminating cement has been shown to improve OR speed and efficiency.²



	Mean Pore Size	Porosity	Porous Structure
Truliant Porous Femur (CR & PS)	399 µm	65%	CoCr Beads
Truliant Porous Tibia	425 µm	65%	Printed Titanium Alloy

References:

1. Data on file at Exactech.
2. Lawrie CM et al. The cost of implanting a cemented versus cementless total knee arthroplasty. The Bone & Joint Journal. 101.7_Supple_C (2019): 61-63.