ADVITA ORTHO
TOTAL KNEE SYSTEM

advita ORTHO

Advancing: **Life**

ADVITA ORTHO | TOTAL KNEE SYSTEM

High Porosity. Superior Strength. Balanced Outcomes.

Advita Ortho's high technology knee system features 3D printed Truliant® cementless components, advanced Activit-E™ polyethylene and full-range personalized planning with Advita GPS and the Newton Knee technique. The result? A dynamic system designed to meet the needs of today's patients. Dynamic soft tissue analytics, pre-resection operative insights and full-range personalized planning for ligament-driven balance.

TRULIANT

Total Knee System

A high performance, comprehensive platform that offers solutions to address clinical challenges in primary and revision total knee replacement.

TRULIANT POROUS

High Porosity[1]

- Leverages advanced manufacturing technologies
- Porous tibia mimics the trabecular nature of cancellous bone
- Allows for initial stability and biological fixation

ACTIVIT-E POLY

Superior Strength*

- New generation highly cross-linked antioxidant polyethylene
- Provides oxidative stability and increased material toughness
- Designed to improve long-term implant survivorship**

NEWTON KNEE

Balanced Outcomes

- Accommodates modern alignment philosophies
- Provides dynamic soft tissue analytics
- Streamlined technique allows surgeons to execute reproducible surgical outcomes[3,4,5]

Compared to E-beam warm irradiated vitamine-E diffused UHMWPE (Vivacit-E®).[2] **In vitro (bench) test results may not necessarily be indicative of clinical performance.* **REFERENCES: 1. Data available upon request. TM-2022-0735. Design Rationale for the Truliant Laser Porous Tibial Tray Implant. **2. Muratoglu OK, Asik MD, Nepple CM, et al.** Di-cumyl peroxide crosslinked UHMWPE/vitamin-E blend for total joint arthroplasty implants. *J Orthop Res.* 2023;1-11. **3. Angibaud, L et al.** Improved Mediolateral Gap Balance Achievement with Instrumented Navigated Total Knee Arthroplasty Compared to Conventional Instrumentation. Presented at CAOS 2022. **4. Angibaud, L et al.** Ability to Achieve Mediolateral Gap Balance with Instrumented Navigated Total Knee Arthroplasty – A Review of the First 150 Cases. Presented at CAOS 2022. **5. Fan, W et al.** Balancing Throughout the Arc of Motion With Navigated TKA and a Novel Force-Controlled Distractor: A Review of the First 273 Cases. *Journal of Arthroplasty.* 2023.

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