



NDI Radix™ Lens

The Marker of Choice for Navigated Orthopaedic Arthroplasty

The Radix™ Lens is a retro-reflective passive lens designed to be integrated into OEM surgical instruments to accurately and reliably pinpoint instrument positions in orthopaedic arthroplasty procedures.

Orthopaedic Surgery can be Messy.

Navigated solutions can become **less accurate** when the markers are contaminated in small amounts during procedures.

The proprietary design of the Radix Lens means that it doesn't significantly degrade in accuracy when contaminated.

Navigation can fail when markers are heavily contaminated.

The unique design of the Radix Lens allows it to continue tracking even when heavily contaminated.

Traditional retro-reflective navigation markers can be **difficult to wipe and clean**, leading to extended procedure times and potential frustration for surgeons.

The smooth plastic surface and dome structure of the Radix Lens makes it quick and easy to clean during a procedure.

Orthopaedic Surgery Requires Specialized Tool Design.

Tools that can be repurposed create design challenges for navigation providers, add sterilization burden on the hospitals, and come with a substantial initial cost.

Designed for ease of integration, the Radix Lens enables the design and manufacturing of disposable surgical tools to alleviate the burden of sterilization and streamline operational processes.

Navigation markers that protrude from tools can occlude each other, resulting in surgeon frustration and prolonged procedures.

With a low profile and large viewing angle of up to 60 degrees, the Radix Lens maintains tracking through a wide range of motion without self-occlusion to improve procedure workflow.

Developing a Navigated Orthopaedic Solution is Difficult – **Trust the Expert.**

Sourcing alternative markers involves obtaining them from third-party providers or developing them internally. The direct connection between the camera and the marker is crucial for optimal navigation performance.

NDI provides a full solution with a navigation camera and marker.

NDI is the navigation expert.

Trusted Partner of TINAVI

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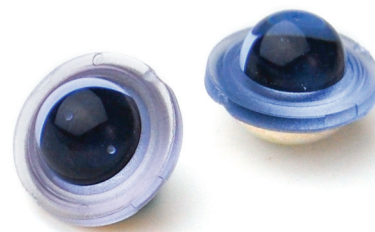
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*The Radix Lens is not a medical device; its suitability, testing, certification, and validation in a particular application must be determined and completed by the OEM medical device customer or end user prior to use.

Printed in Canada – Apr 2024 NDI P/N DOC-10012957 (Rev001)