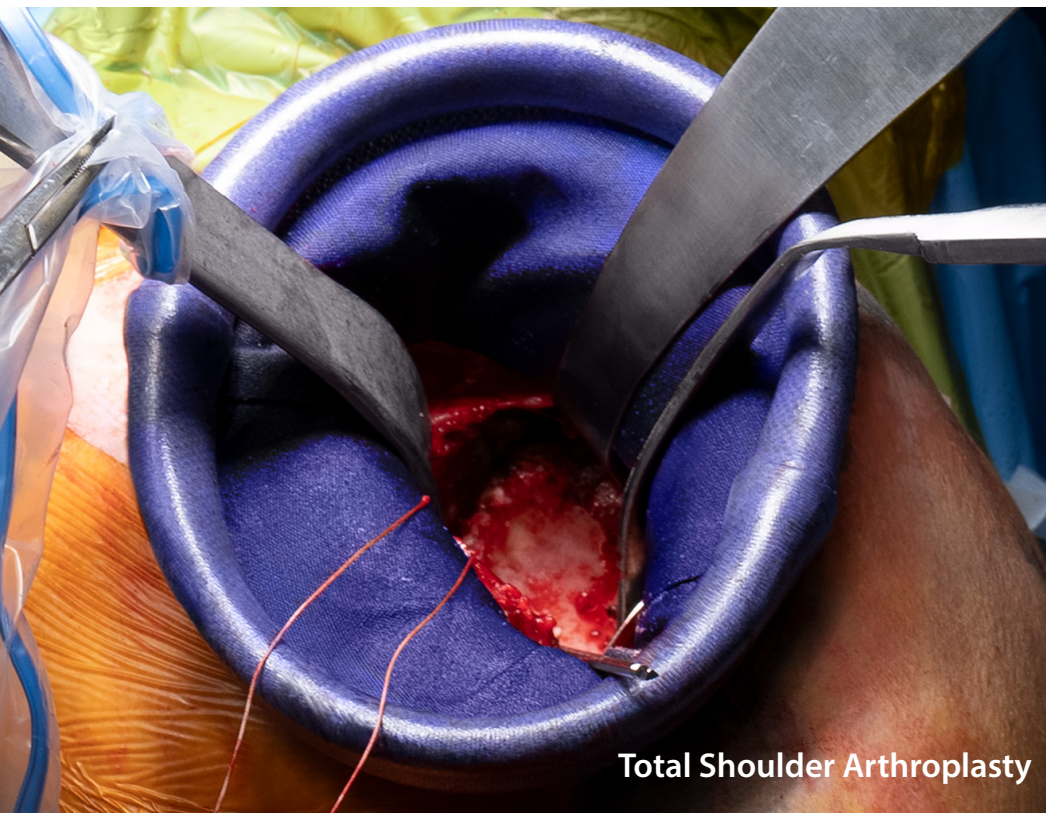




Total Hip Arthroplasty



Total Shoulder Arthroplasty



Alexis™ Orthopaedic Protector

Clinical Evidence

1. Furuichi S, Mitani S, Kawamoto T, Kikuoka R, Ota Y. Alexis Orthopaedic Protector Provides Wound Protection and Aids in Hypertrophic Scar Prevention in Total Hip Arthroplasty. *Cureus*. 2024;16(6):e63545. Published 2024 Jun 30. doi:10.7759/cureus.63545
2. "Figure 6: A 48-year-old woman, group P" by Furuichi S, Mitani S, Kawamoto T, et al. (June 30, 2024) Alexis Orthopaedic Protector Provides Wound Protection and Aids in Hypertrophic Scar Prevention in Total Hip Arthroplasty. *Cureus* 16(6): e63545. doi:10.7759/cureus.63545. Licensed under CC BY 4.0 (<http://creativecommons.org/licenses/by/4.0>).
3. "Figure 5: A 66-year-old female, group N." by Furuichi S, Mitani S, Kawamoto T, et al. (June 30, 2024) Alexis Orthopaedic Protector Provides Wound Protection and Aids in Hypertrophic Scar Prevention in Total Hip Arthroplasty. *Cureus* 16(6): e63545. doi:10.7759/cureus.63545. Licensed under CC BY 4.0 (<http://creativecommons.org/licenses/by/4.0>).
4. Smith ML, Gotmaker R, Hoy GA, et al. Minimizing Propionibacterium acnes contamination in shoulder arthroplasty: use of a wound protector. *ANZ J Surg*. 2018;88(11):1178-1181. doi:10.1111/ans.14821

Alexis orthopaedic protectors are used to access the musculoskeletal system through an atraumatically retracted wound and to shield soft tissue from contact with abrasive instrumentation and debris.

Please contact your Applied Medical representative for more information on availability. This information is intended for dissemination exclusively to healthcare professionals and is not intended to replace labeling and Instructions for Use (IFU). Please refer to the IFU for the indications, contraindications, warnings, precautions, instructions and other information.

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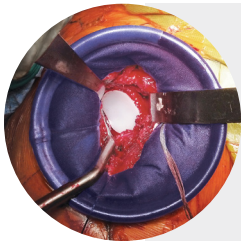
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The Alexis orthopaedic protector shields soft tissue – including the tensor fasciae latae (TFL) and deltoid muscles, and skin edges – from contact with abrasive instrumentation and debris at the wound margins.

Product Benefits

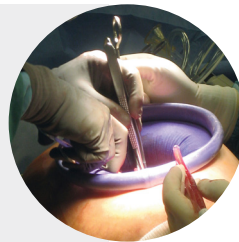


Soft-Tissue Protection

The sheath protects soft tissue – including skin, fat, muscles and nerves – from abrasive instrumentation and debris.

360-Degree Atraumatic Retraction

The outer ring distributes the force of retraction evenly for optimal exposure of the joint capsule.



Adaptability and Versatility

The retractor facilitates rapid and effortless setup.



REDUCTION IN Hypertrophic Scarring in THA¹

5X REDUCTION OF
C. acnes in TSA⁴

Alexis Orthopaedic Protector Provides Wound Protection and Aids in Hypertrophic Scar Prevention in Total Hip Arthroplasty

Furuichi S, Mitani S, Kawamoto T, Kikuoka R, Ota Y.

Study Highlights¹

- **Reduced Postoperative Redness:** Patients whose procedure did include a protector had less wound redness than those whose procedure did not.
- **Decreased Hypertrophic Scarring:** Three months postoperatively, patients whose procedure had included the use of a protector showed significantly lower rates of hypertrophic scarring than those whose procedure did not.

Postoperative results with a protector²



Immediately after surgery



Postoperative 2 weeks



Postoperative 3 months

Postoperative results without a protector³



Immediately after surgery



Postoperative 2 weeks



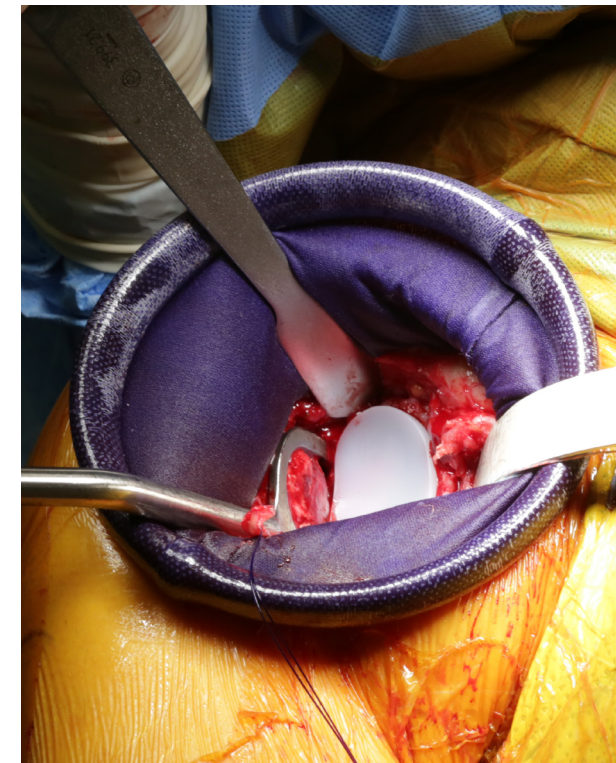
Postoperative 3 months

Minimizing *Propionibacterium acnes* Contamination in Shoulder Arthroplasty: Use of a Wound Protector

Smith ML, Gotmaker R, Hoy GA, et al.

Study Highlights⁴

- **Decreased *C. acnes* by Fivefold:** The prevalence of *Cutibacterium acnes* (*C. acnes*), formerly known as *Propionibacterium acnes* (*P. acnes*), was significantly lower on the protector than on the exposed superficial tissues.
- **Reduced Transfer Risk:** The protector acts as a physical barrier that limits the transmission of *C. acnes* into the deeper tissues via gloves and instruments.



Learn more
on our website.

