



Alexis[®]

Protector/Retractor Quirúrgico

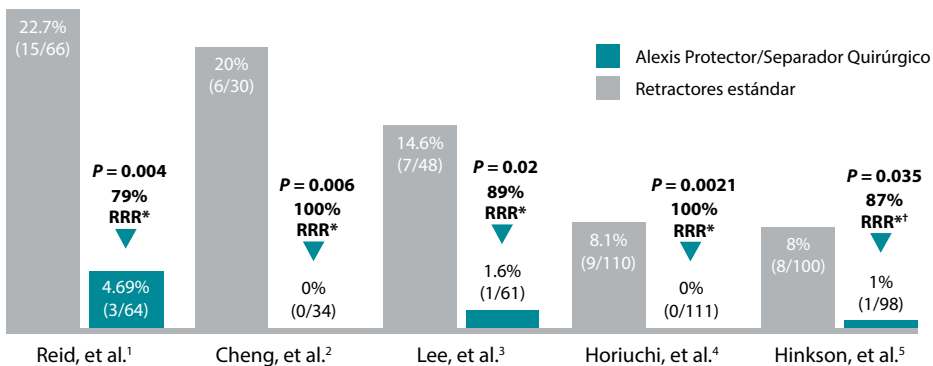
A large teal geometric shape, consisting of a triangle and a trapezoid, occupies the left and bottom-left portions of the page. The text is centered in the white space on the right.

¿FORMA PARTE
EL ALEXIS DE SUS
TRATAMIENTOS
ESTÁNDAR?

MARCA

Proteje cada incisión con Alexis Protector de Heridas

Tasa SSI de la Incisión Superficial – Protector Alexis vs Retractores Estandar



*RRR (relative risk reduction) was defined as the proportion of the control group (standard retractors) experiencing a given outcome minus the proportion of the treatment group (Alexis protector) experiencing the outcome, divided by the proportion of the control group (standard retractors) experiencing the outcome.
†Data reflects superficial/deep incisional and organ space SSI

360° Protección:

Reduce la infección herida quirúrgica¹⁻⁵

Proteje la incisión de la invasión bacteriana^{6,7}

Mantiene la humedad facilitando la cicatrización⁸

360° Retención atraumática:

Maximiza la exposición con una incisión mínima

Ofrece una exposición sin dolor ni trauma asociados a los puntos prolongados de retracción

Facilita la retracción con manos libres, reduciendo la tensión, incomodidad y fatiga asociados con los retractores tradicionales.⁹

Crea un efecto tapón que minimiza la pérdida de sangre⁴

Importante versatilidad:

Permite la protección y retracción a un amplio ámbito de especialidades, medidas de paciente e incisiones

Facilita un montaje rápido y sin esfuerzo

Procedimientos de Utilización



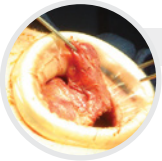
Colon y Recto

Creación de Estoma (XXP)
Colectomía Lap (P, M Sistema Laparoscópico)
Colectomía Abierta (G, XG, XXG)



Bariátrica

Gastrectomía en Manga Lap (XXP)
Bypass Gástrico Lap (XP, P)
Bypass Gástrico Abierto (G, XG)



General

Reparación de Hernia Inguinal (XP, P)	Esplenectomía (G, XG)
Tiroidectomía (XP, P)	Pancreatectomía (G, XG)
Apendicectomía (P, M)	Procedimiento de Whipple (XXG)



Cardiorácnica

Cirugía Toracoscópica Video-Asistida (VATS) (XXP, XP, P)
Reparación/Sustitución de la Válvula Mitral (P, M)
Toracotomía (P, M)



OB/GINE

Ligadura de trompas Post parto (XXP, XP)	Miomectomía (P, M)
Salpingooforectomía Bilateral (XP, P)	Histerectomía Total Abdominal (P, M, G)
Histerectomía Lap (P, M Sistema Laparoscópico)	Cesárea (G, XG)
Mini-Laparotomía (P, M)	



Mama

Lumpectomía (XP, P)
Mastectomía (P, M)
Biopsia del Ganglio Centinela (XXP, XP, P)

Evidencias Clínicas

Soporte del uso de Alexis Protector de heridas

"[T]he use of plastic-sheath wound retractors such as the Alexis® O C-Section Retractor compared to the traditional Collins self retaining metal retractor in low risk women, having the first cesarean is associated with a significantly reduced risk of surgical site infection."

...

"There is significant reduction in the use of electric cautery for subcutaneous bleeding, bowel handling and postoperative pain. Operator satisfaction is improved and postoperative pain is less."

Hinkson L, Siedentopf J-P, Weichert A, Henrich W. Surgical site infection in cesarean sections with the use of a plastic sheath wound retractor compared to the traditional self-retaining metal retractor. *Eur J Obstet Gynecol Reprod Biol.* 2016;203:232-238. (Level of Evidence 1)

"Impervious plastic wound protectors reduce the risk of SSI when employed in non-trauma-related gastrointestinal and biliary tract surgery. Wound protectors represent a safe and simple intervention that may reduce postoperative morbidity and mortality."

Edwards JP, Ho AL, Tee MC, Dixon E, Ball CG. Wound protectors reduce surgical site infection: A meta-analysis of randomized controlled trials. *Ann Surg.* 2012;256(1):53-59. (Level of Evidence 1)

"Superficial incisional SSI was significantly diminished in the ALEXIS wound retractor group (P=0.006)."

Cheng KP, Roslani AC, Sehha N, et al. ALEXIS O-Ring wound retractor vs conventional wound protection for the prevention of surgical site infections in colorectal resections. *Colorectal Dis.* 2012;14(6):346-351. (Level of Evidence 1)

"[E]nteric organisms were cultured twice as often from the inside surface of the retractor compared with the outside surface of the retractor (49% vs 26%, respectively; P < 0.0001)."

...

"[U]se of a plastic wound retractor may result in reduced enteric bacterial colonization of the surgical incision site during gastrointestinal surgery. Reduced colonization of the surgical incision site by enteric bacteria due to the use of a plastic wound retractor should result in a reduction in SSI following gastrointestinal surgery."

Mohan HM, McDermott S, Fenelon L, et al; Members of the University College Dublin Wound Retractor Study Group. Plastic wound retractors as bacteriological barriers in gastrointestinal surgery: A prospective multi-institutional trial. *J Hosp Infect.* 2012;81(2):109-113. (Level of Evidence 2)

"These results suggest that the [wound protector] protects an incision site from bacterial invasion."

Horiuchi T, Tanishima H, Tamagawa K, et al. A wound protector shields incision sites from bacterial invasion. *Surg Infect (Larchmt).* 2010;11(6):501-503. (Level of Evidence 4)

"In this study the use of barrier wound protection in elective open colorectal resectional surgery resulted in a clinically significant reduction in incisional surgical site infections."

...

"There was a significant reduction in the incidence of incisional surgical site infections when the wound protector was used: 3 of 64 (4.7%) vs 15 of 66 (22.7%); P = .004."

Reid K, Pockney P, Draganic B, Smith SR. Barrier wound protection decreases surgical site infection in open elective colorectal surgery: A randomized clinical trial. *Dis Colon Rectum.* 2010;53(10):1374-1380. (Level of Evidence 1)

"Our data demonstrate that a statistically significant reduction in the incidence of wound infection was achieved with the use of a wound-protection device. This device provides a simple intervention that may eventually have a large impact on the incidence of surgical wound infection and therefore annual health care expenditures."

Lee P, Waxman K, Taylor B, Yim S. Use of wound-protection system and postoperative wound-infection rates in open appendectomy: A randomized prospective trial. *Arch Surg.* 2009;144(9):872-875. (Level of Evidence 1)

"We found that the wound retractor/protector prevented the incision site from drying, decreased tissue damage, and facilitated the migration of neutrophils, suggesting a preventive effect of the device with respect to wound infection."

...

"The studied wound retractor/protector effectively protects wound tissue from damage due to environmental factors experienced during surgery."

Horiuchi T, Nakatsuka S, Tanishima H, et al. A wound retractor/protector can prevent infection by keeping tissue moist and preventing tissue damage at incision sites. *Helix Review Series: Infectious Diseases.* 2007;(3):17-23. (Level of Evidence 5)

"Wound infection was significantly diminished in the With Alexis retractor group ($p=0.0021$)."

Horiuchi T, Tanishima H, Tamagawa K, et al. Randomized, controlled investigation of the anti-infective properties of the Alexis retractor/protector of incision sites. *J Trauma.* 2007;62(1):212-215. (Level of Evidence 1)

STOP WOUND INFECTION.com

Consulte www.stopwoundinfection.com
para más información acerca de la
prevención



Alexis® O Protector/Retractor Quirúrgico

Aro rígido de retracción para maximizar la exposición

Referencia	Tamaños	Longitud manga	Rango Incisión	Cantidad/Caja
C8401	Pequeño	18cm	2.5-6cm	Caja/5
C8402	Mediano	18cm	5-9cm	Caja/5
C8403	Grande	25cm	9-14cm	Caja/5
C8404	X-Grande	34cm	11-17cm	Caja/5
C8405	XX-Grande	36cm	17-25cm	Caja/5



Alexis Protector/Retractor Quirúrgico

Aro flexible de retracción para conformidad anatómica

Referencia	Tamaños	Longitud manga	Rango Incisión	Cantidad/Caja
C8313	XX-Pequeño	20cm	1-3cm	Caja/5
C8323	XX-Pequeño, Short	11cm	1-3cm	Caja/5
C8312	X-Pequeño	19cm	2-4cm	Caja/5
C8322	X-Pequeño, Short	13cm	2-4cm	Caja/5
C8301	Pequeño	18cm	2.5-6cm	Caja/5
C8302	Mediano	18cm	5-9cm	Caja/5
C8303	Grande	25cm	9-14cm	Caja/5
C8304	X-Grande	34cm	11-17cm	Caja/5



Alexis O Retractor Quirúrgico para Cesárea

Aro rígido de retracción para maximizar la exposición uterina

Referencia	Tamaños	Longitud manga	Rango Incisión	Cantidad/Caja
G6313	Grande	25cm	9-14cm	Caja/5
G6314	X-Grande	34cm	11-17cm	Caja/5



Sistema Laparoscópico Alexis

Protección y retracción para facilitar la retirada de espécimen

Referencia	Tamaños	Longitud manga	Rango Incisión	Cantidad/Caja
C8501	Pequeño	18cm	2.5-6cm	Caja/6
C8502	Mediano	18cm	5-9cm	Caja/6



Sistema Laparoscópico Alexis con Kii® Fios® Primera Incisión

Protección y retracción para facilitar la retirada de espécimen

Referencia	Tamaños	Longitud manga	Rango Incisión	Cantidad/Caja
C8701	Pequeño	18cm	2.5-6cm	Caja/5
C8702	Mediano	18cm	5-9cm	Caja/5

- Reid K, Pockney P, Draganic B, Smith SR. Barrier wound protection decreases surgical site infection in open elective colorectal surgery: A randomized clinical trial. *Dis Colon Rectum*. 2010;53(10):1374-1380. (Level of Evidence 1)
- Cheng KP, Roslani AC, Sehha N, et al. ALEXIS O-Ring wound retractor vs conventional wound protection for the prevention of surgical site infections in colorectal resections. *Colorectal Dis*. 2012;14(6):e346-e351. (Level of Evidence 1)
- Lee P, Waxman K, Taylor B, Yim S. Use of wound-protection system and postoperative wound-infection rates in open appendectomy: A randomized prospective trial. *Arch Surg*. 2009;144(9):872-875. (Level of Evidence 1)
- Horiuchi T, Tanishima H, Tamagawa K, et al. Randomized, controlled investigation of the anti-infective properties of the Alexis retractor/protector of incision sites. *J Trauma*. 2007;62(1):212-215. (Level of Evidence 1)
- Hinkson L, Siedentopf J-P, Weichert A, Henrich W. Surgical site infection in cesarean sections with the use of a plastic sheath wound retractor compared to the traditional self-retaining metal retractor. *Eur J Obstet Gynecol Reprod Biol*. 2016;203:232-238. (Level of Evidence 1)
- Horiuchi T, Tanishima H, Tamagawa K, et al. A wound protector shields incision sites from bacterial invasion. *Surg Infect (Larchmt)*. 2010;11(6):501-503. (Level of Evidence 4)
- Mohan HM, McDermott S, Fenelon L, et al; Members of the University College Dublin Wound Retractor Study Group. Plastic wound retractors as bacteriological barriers in gastrointestinal surgery: A prospective multi-institutional trial. *J Hosp Infect*. 2012;81(2):109-113. (Level of Evidence 2)
- Horiuchi T, Nakatsuka S, Tanishima H, et al. A wound retractor/protector can prevent infection by keeping tissue moist and preventing tissue damage at incision sites. *Helix Review Series: Infectious Diseases*. 2007;(3):17-23. (Level of Evidence 5)
- Spera P, Lloyd JD, Hernandez E, et al. AORN ergonomic tool 5: Tissue retraction in the perioperative setting. *AORN J*. 2011;94(1):54-58.

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