



GeIPOINT®

アドバンスドアクセスプラットフォーム



GelPOINT

アドバンスドアクセスプラットフォーム

GelSeal™ キャップ

GelSeal キャップが疑似腹部となり、一般的な腹腔鏡下手術用器具を使用しながら優れたトライアングュレーションを提供します。

体外切除と標本回収を容易にします。

柔軟な支点により器具の優れたアーティキュレーションを提供します。

気腹を維持し、持続的なアクセスと視野を確保します。



スリーブ

切開創と接触しないため、広い術野を提供します。

多様な径の器具に対応します。

ロープロファイルデザインにより、自由度の高い操作を可能にします。



Alexis® O ウウンドプロテクター/リトラクター

多様な腹壁の厚さと、1.5cmから7cm (GelPOINT)、または1.5cmから4cm (GelPOINT Mini)の切開長に対応し、幅広い手技に適応します。

360°の低侵襲な開創と保護により^{1,2}、優れた術野の露出とアクセスを提供し、整容性の向上に貢献します。

創縁部の目視による確認が可能です。



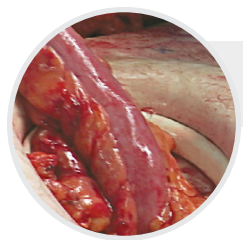
術式適応例

GelPOINT & GelPOINT Mini

アドバンスドアクセスプラットフォーム

胆嚢摘出術
子宮摘出術
結腸切除術
腎摘出術

ヘルニア修復術
虫垂切除術
卵巣摘出術
胃縮小術



1. 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 Oct;53(10):1374-1380.

2. 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 Jan;62(1):212-215.



GelPOINT アドバンスドアクセスプラットフォーム

製品番号		販売単位
CNGL2		1箱
構成品		数量
GelSeal キャップ		1
Alexis O ウェンドプロテクター/リトラクター	1.5-7cmの切開長に対応	1
10mm スリーブ	5-10mmの器具に対応	3
12mm スリーブ	5-12mmの器具に対応	1
オブチュレータ		1
インストゥルメントシールド	シースを保護するためのオプション	1



GelPOINT Mini アドバンスドアクセスプラットフォーム

製品番号		販売単位
CNGL3		1箱
構成品		数量
GelSeal キャップ		1
Alexis O ウェンドプロテクター/リトラクター	1.5-4cmの切開長に対応	1
10mm スリーブ	5-10mmの器具に対応	3
12mm スリーブ	5-12mmの器具に対応	1
オブチュレータ		1



販売名: GelPOINT・アドバンスドアクセスプラットフォーム
医療機器製造販売認証番号: 302ACBZX00027000

★単回使用
★添付文書を必ずお読みになってからご使用ください

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■製造販売元

Applied Medical Japan株式会社
〒101-0047 東京都千代田区内神田1-14-8
KANDA SQUARE GATE 6階
www.appliedmedical.co.jp

■製造業者

アプライドメディカル リソーサズ社 アメリカ合衆国
www.appliedmedical.com



文献一覧

単孔式およびリデュースドポート手術でのGelPOINT アドバンスドアクセスプラットフォームの使用について下記文献で示されています。

結腸切除術

"We have since gained experience with the GelPOINT device and found it more advantageous for colorectal procedures. Its high outer profile allows use of four or even five trocars with varying degrees of separation to limit clashing and allowing for ample counter traction when needed. In addition, a built in wound protector not only prevents direct contact between the specimen and the abdominal wall, but also secures the port in patients with a high BMI or thick abdominal wall."

Ramos-Valadez DI, Patel CB, Ragupathi M, et al. Single incision laparoscopic colectomy: Outcomes of an emerging minimally invasive technique. *Int J Colorectal Dis.* 2011 Jun;26(6):761-767.

"In all cases, a GelPOINT Advanced Access Platform (Applied Medical, Rancho Santa Margarita, CA) was employed as sole access to the abdominal cavity. Its GelSeal cap provides additional outer working space and the ability to achieve tissue triangulation even with the standard laparoscopic instrumentation that we routinely use."

Fichera A, Zoccali M, Gullo R. Single Incision ("scarless") laparoscopic total abdominal colectomy with end ileostomy for ulcerative colitis. *J Gastrointest Surg.* 2011 Jul;15(7):1247-1251.

子宮摘出術

"Conclusion: LESS is feasible, safe, and reproducible in gynecology patients with benign and cancerous conditions. Operative times are reasonable and can be decreased with experience."

Fader AN, Rojas-Español L, Ibeanu O, Grumbine FC, Escobar PF. Laparoendoscopic single site surgery (LESS) in gynecology: A multi-institutional evaluation. *Am J Obstet Gynecol.* 2010 Nov;203(5):501-506.

胃縮小術

"SILSG (single incision laparoscopic sleeve gastrectomy) has been associated with certain potential advantages, such as improved cosmesis, lower postoperative pain, and fewer wound complications."

"In all studies assessing the cosmetic outcome, patients who underwent SILSG (single incision laparoscopic sleeve gastrectomy) were significantly more satisfied than those in the LSG (laparoscopic sleeve gastrectomy) group."

Magouliotis DE, Tasiopoulou VS, Svokos AA, Svokos KA, Sioka E, Zacharoulis D. Single incision versus conventional laparoscopic sleeve gastrectomy for morbid obesity: a meta-analysis. *J Laparoendosc Adv Surg Tech A.* 2018;28(6):690-699. doi:10.1089/lap.2017.0245

"We initially used SILS® (Covidien) but converted to GelPOINT (Applied Medical), which is currently our standard single-port device for all transumbilical procedures."

"The presented technique uses the transumbilical approach as the primary means of intra-abdominal access with a 5-mm assistance trocar. Although this technique does not correspond to pure SILS, this technique achieves all of the cosmetic advantages of the single-incision approach and adds better instrument triangulation as well as very good visualization and exposure."

Farias C, Fernandez JI, Ovalle C, et al. Transumbilical Sleeve Gastrectomy with an Accessory Lateral Port: Surgical Results in 237 Patients and 1-Year Follow-up. *Obes Surg.* 2013 Mar;23(3):325-331.

胆嚢摘出術

"We report a new approach to SILC (single-incision laparoscopic cholecystectomy) with placement of 4 trocars through a GelPOINT device which results in a single surgical scar in the umbilical orifice. This procedure has a short learning curve, similar operating times, and decreased blood loss, compared to traditional laparoscopic cholecystectomy."

Filicori F, Nissan DA, Keutgen XM, et al. A novel approach for single site incision laparoscopic cholecystectomy. Poster presented at: Society of American Gastrointestinal and Endoscopic Surgeons Annual Meeting; March 30-April 2, 2011; San Antonio, TX.

腎摘出術

"We have found that the advanced access platform (GelPOINT Mini) facilitates triangulation and that flexible instrumentation was not necessary. . . . LESS (laparoendoscopic single-site surgery) nephrectomy is feasible from infants to adolescents and can be taught to senior trainees with existing conventional laparoscopic experience."

Featherstone NC, De Win G, Undre S, Cherian A. Single incision prone retroperitoneoscopic paediatric nephrectomy. *J Pediatr Urol.* 2015 May 29. pii:S1477-5131(15)00145-X. doi: 10.1016/j.jpuro.2015.04.010. [Epub ahead of print].

"Conclusions: Our initial experience with laparoendoscopic single site donor nephrectomy is encouraging. This approach to kidney donation without an extra-umbilical incision could become particularly relevant to minimize morbidity in young, healthy organ donors."

"The use of a specialized umbilical multichannel port may confer specific advantages to the surgeon. In this series the GelPOINT provided greater space for triangulation and, thus, decreased instrument clashing. It also allows easy, rapid modification of port configuration during the procedure, which aids in improving dissection and retraction ergonomics. In this series no extra-umbilical incisions were needed."

Gimenez E, Leeser DB, Wysock JS, et al. Laparoscopic single site live donor nephrectomy: Initial experience. *J Urol.* 2010 Nov;184(5):2049-2053.

手術シミュレーション

"Overall, the TriPort may be more challenging for novices to use in learning the LESS procedure than either the SILS port or the GelPOINT system. The GelPOINT system may offer the most consistent platform for LESS performance and novice skill acquisition."

Brown-Clerk B, de Laveaga AE, LaGrange CA, et al. Laparoendoscopic single-site (LESS) surgery versus conventional laparoscopic surgery: Comparison of surgical port performance in a surgical simulator with novices. *Surg Endosc.* 2011 Jul;25(7):2210-2218.