GelSeal® Cap
Offers a pseudo-abdomen platform for unmatched triangulation of standard laparoscopic instrumentation
Facilitates extracorporeal resection and specimen retrieval
Provides a flexible fulcrum for improved instrument articulation
Maintains pneumoperitoneum for continuous access and visualization

Self-Retaining Sleeves
Float above incision to maximize internal working diameter
Accommodate a variety of instrument widths
Offer greater freedom of movement due to low profile design

Alexis® Wound Protector/Retractor
Accommodates varying abdominal walls and incision sizes 1.5cm to 7cm (GelPOINT) or 1.5cm to 3cm (GelPOINT Mini) for a wide spectrum of procedures
Offers 360° of atraumatic retraction and protection for enhanced exposure, access and cosmetic results
Allows clear visualization of wound margins

Procedural Applications

GelPOINT & GelPOINT Mini
Advanced Access Platforms

- Cholecystectomy
- Hysterectomy
- Colectomy
- Nephrectomy
- Hernia Repair
- Appendectomy
- Oophorectomy
- Gastric Sleeve
### GelPOINT Advanced Access Platform

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**Components**

- (1) GelSeal Cap
- (1) Alexis Wound Protector/Retractor: Accommodates 1.5-7cm incision sizes
- (3) 10mm Sleeves: Accommodate 5-10mm instrumentation
- (1) 12mm Sleeve: Accommodate 5-12mm instrumentation
- (1) Introducer for Sleeves
- (1) Instrument Shield: Optional for added protection

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### GelPOINT Mini Advanced Access Platform

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**Components**

- (1) GelSeal Cap
- (1) Alexis Wound Protector/Retractor: Accommodates 1.5-3cm incision sizes
- (3) 10mm Sleeves: Accommodate 5-10mm instrumentation
- (1) 12mm Sleeve: Accommodate 5-12mm instrumentation
- (1) Introducer for Sleeves

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Visit [www.appliedmedical.com/gelpoint](http://www.appliedmedical.com/gelpoint) for more information

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Clinical Bibliography

The following clinical papers and posters reference use of the GelPOINT Advanced Access Platforms for single site and reduced port surgery

COLECTOMY

“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.”


“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.”


HYSTERECTOMY

“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.”


SLEEVE GASTRECTOMY

“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.”


CHOLECYSTECTOMY

“We report a new approach to SILC 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.”

“We have moved from a three-port trocar technique to a more stable and flexible port platform (GelPOINT; Applied Medical, Rancho Santa Margarita, CA, USA), which allows the insertion of multiple ports. We continue to use straight instruments preferentially, with occasional need for a right-angled instrument and even less need for articulating instruments... We have since found that the GelPOINT system allows for much more freedom of movement through the same small skin incision.”


NEPHRECTOMY

“We have found that the advanced access platform (GelPOINT Mini) facilitates triangulation and that flexible instrumentation was not necessary.”

“LESS nephrectomy is feasible from infants to adolescents and can be taught to senior trainees with existing conventional laparoscopic experience.”


“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.”


SURGICAL SIMULATION

“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.”