

**KARL STORZ**

# Minilaparoscopy Solution

Enhancing the benefits of Minimally Invasive Surgery



**STORZ**  
KARL STORZ — ENDOSKOPE

## Current Status

Minimally Invasive Surgery using standard laparoscopic instruments is the standard of care for most abdominal procedures. Compared with conventional laparoscopy, small-diameter laparoscopic procedures have been found in a number of studies to offer potential patient benefits:

- Quicker recovery and reduced need for postoperative pain medication<sup>1</sup>
- Positive cosmetic outcomes<sup>2</sup>
- Reduced operative time<sup>3</sup>

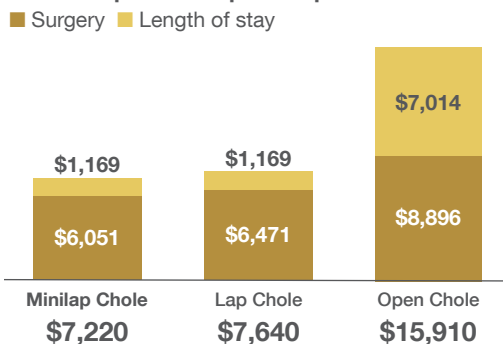


## Financial Benefits

Based on one LAP procedure; cumulative disposable instrumentation savings are based on cost avoidance of suction/irrigation, trocars, vessel sealer and/or energy device and sutures. Costs for hospital length of stay (LOS) assume an average cost of \$2,338/day<sup>4</sup> with an average of 3 LOS days for Open Chole and 0.5 days for both Lap Chole and Mini Lap.

The above mentioned advantages that are the result of smaller incisions are now available not only with no increase in cost, but also with some savings, too.

### Cost Comparison: Laparoscopic Procedures



## KARL STORZ Minilaparoscopy Solution

KARL STORZ offers a very robust and comprehensive line of minilaparoscopy instruments. The use of minilaparoscopy will not only attract patients who are looking for least invasive procedures and best cosmetic results, but will also create and expand pediatric and adolescent surgery volume.

KARL STORZ full product portfolio for pediatrics has served the majority of the Pediatric hospitals for years and now is extended and available for the benefit of adults. Over 25 different hand instruments enable the surgeons to perform the whole surgery with 3.5 mm minilap instruments.



# Minilaparoscopy Differentiators

## 1. Outstanding Design

- Most types of instrument tips
- Modular design
- Appropriate choice of handles
- Designed for optimal cleaning
- Enhanced rigidity and durability

## 2. Reduced cost

- Re-usable instruments reduce cost per case
- Interchangeable pieces; repair or replace a component instead of an entire instrument
- Higher patient satisfaction; reducing the risk of a CMS penalty for low patient satisfaction scores



1. Gamal Mostafa, Brent D Matthews, and 3 more Authors; BMC Surgery 10.31.2001“Mini-laparoscopic versus laparoscopic approach to appendectomy”. Accessed May 03, 2017 from: <https://bmcsurg.biomedcentral.com/articles/10.1186/1471-2482-1-4>
2. Uccella S, Cromi A, Casarin J, and 6 more Authors; PubMed ,J Laproendosc Adv. Surg. Tech A, May 2015,“Minilaparoscopic versus standard laparoscopic hysterectomy for uteri ≥ 16 weeks of gestation: surgical outcomes, postoperative quality of life, and cosmesis”. Accessed April 05, 2017 from: <https://www.ncbi.nlm.nih.gov/pubmed/25839384>
3. Fanfani F, Fagotti A, et al. Minilaparoscopic versus single-port total hysterectomy: a randomized trial. J Min Invasive Gynecol. 2012;20:2;192–197. Accessed April 17, 2017
4. <https://www.kff.org/health-costs/state-indicator/expenses-per-inpatient-day/?currentTimeframe=0&sortModel=%7B%22colId%22Location%22,%22sort%22:%22asc%22%7D>



...evolution continues

**STORZ**  
KARL STORZ — ENDOSKOPE

*THE DIAMOND STANDARD*

KARL STORZ SE & Co. KG  
Dr.-Karl-Storz-Straße 34, 78532 Tuttlingen/Germany  
Postfach 230, 78503 Tuttlingen/Germany  
Telefon: +49 (0)7461 708-0  
Telefax: +49 (0)7461 708-105  
E-Mail: [info@karlstorz.com](mailto:info@karlstorz.com)  
[www.karlstorz.com](http://www.karlstorz.com)

KARL STORZ Endoscopy-America, Inc.  
2151 East Grand Avenue  
El Segundo, CA 90245-5017, USA  
Phone: +1 424 218-8100  
Phone toll free: 800 421-0837 (US only)  
Fax: +1 424 218-8525  
Fax toll free: 800 321-1304 (US only)  
E-Mail: [communications@karlstorz.com](mailto:communications@karlstorz.com)