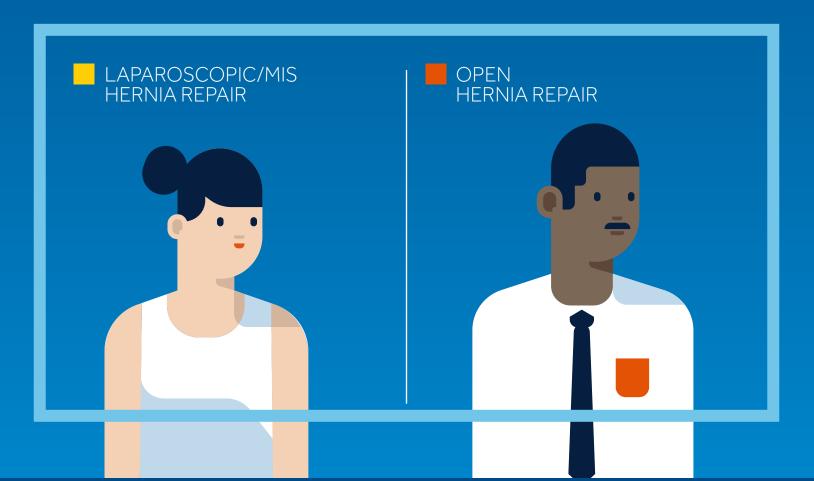
A less invasive choice for ventral hernia repair...

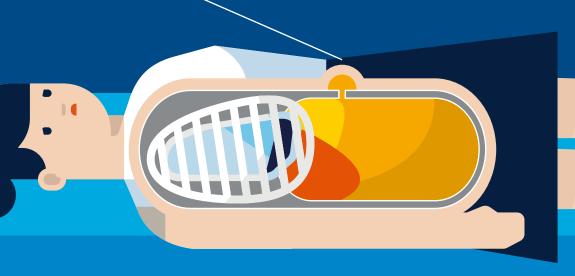
## IN PURSUIT OF A BETTER PATIENT EXPERIENCE.

Let's look at two patient experiences. One has minimally invasive surgery (MIS) — also called laparoscopic surgery — to repair a ventral hernia. The other has traditional open surgery.



WHAT IS A **VENTRAL HERNIA?** 

**LOCATION:** 



### AVERAGE LENGTH OF HOSPITAL STAY<sup>1-6</sup>

#### **2.4 DAYS**

for the MIS patient

for the

**3.6 DAYS** 

open patient



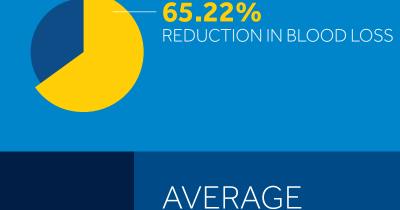


# 32 mL 92

BLOOD LOSS<sup>7-9</sup>

for the MIS patient

for the open patient



35000 **г** 

2.3% for an MIS procedure

the MIS

AT THE

INFECTION

SURGICAL SITE 1,4,8,10-15

procedure

11%

for an open

30000 - \$31,674 25000 - \$26,069 20000 - 15000 -

MIS

HOSPITAL COST<sup>2,3,16</sup>

patient can expect:

That means

**LESS TIME** 

HOSPITAL 1-6

**IN THE** 

**LESS** 

**RISK OF** 

INFECTION

LOWER

TOTAL

**OPEN** 

**LESS** 

HOSPITAL

Which experience would you choose?

We empower surgeons with tools that are made to enhance

hernia repair procedures — and improve the patient experience.

Pierce RA, Spitler JA, Frisella MM, Matthews BD, Brunt LM. Pooled data analysis of laparoscopic vs. open ventral hernia repair: 14 years of patient data accrual. Surg Endosc. 2007;21(3):378–386.

Colavita PD, Tsirline VB, Walters AL, Lincourt AE, Belyansky I, Heniford BT. Laparoscopic versus open hernia repair: outcomes and sociodemographic utilization results from the nationwide inpatient sample. Surg Endosc. 2013;27(1):109–117.

Find out more at medtronic.com/covidien

sociodemographic utilization results from the nationwide inpatient sample. *Surg Endosc.* 2015;27(1):109–117.

3. Ecker BL, Kuo LE, Simmons KD, Fischer JP, Morris JB, Kelz RR. Laparoscopic versus open ventral hernia repair: longitudinal outcomes and cost analysis using statewide claims data. *Surg Endosc.* 2015 Jun 20. [Epub ahead of print]

4. Ecker JE, Volgas vick V, Amplication of the effects of obesits on short term postpoorstive complications of laparoscopic and open.

ventral hernia repair. Surg Laparosc Endosc Percutan Tech. 2015;25(2):151–157

- . Earle D, Seymour N, Fellinger E, Perez A. Laparoscopic versus open incisional hernia repair: a single-institution analysis of hospital resource utilization for 884 consecutive cases. Surg Endosc. 2006;20(1):71–75.
  . Stipa F, Giaccaglia V, Burza A, Santini E, Bascone B, Picchio M. Incisional hernia: laparoscopic or open repair? Surg Laparosc Endosc
- Percutan Tech. 2013;23(4):419–422.

  Eker HH, Hansson BM, Buunen M, et al. Laparoscopic vs. open incisional hernia repair: a randomized clinical trial. JAMA Surg. 2013;148(3):259–263.

  Kurmann A, Visth F, Candinas D, Beldi G, Long-term follow-up of open and laparoscopic repair of large incisional hernias. World, USA.
- Kurmann A, Visth E, Candinas D, Beldi G. Long-term follow-up of open and laparoscopic repair of large incisional hernias. World J Surg. 2011;35(2):297–301.
   Misra MC, Bansal VK, Kulkarni MP, Pawar DK. Comparison of laparoscopic and open repair of incisional and primary ventral hernia: results
- Misra MC, Bansal VK, Kulkarni MP, Pawar DK. Comparison of laparoscopic and open repair of incisional and primary ventral he of a prospective randomized study. Surg Endosc. 2006;20(12):1839–1845.
   Aher CV, Kubasiak JC, Daly SC, et al. The utilization of laparoscopy in ventral hernia repair: an update of outcomes analysis u ACS-NSQIP data. Surg Endosc. 2015;29(5):1099–1104.
- ventral/incisional hernia repair: a comparison of open and laparoscopic outcomes. Surg Endosc. 2013;27(6):2221–2230.

  12. Rogmark P. Petersson U. Bringman S, et al. Short-term outcomes for open and laparoscopic midline incisional hernia repair: a randomized multicenter controlled trial: the ProLOVE (prospective randomized trial on open versus laparoscopic operation of
- eventrations) trial. Ann Surg. 2015;258(1):57–45.

  13. Colavita PD, Tsirline VB, Belyansky I, et al. Prospective, long-term comparison of quality of life in laparoscopic versus open ventral hernia repair. Ann Surg. 2012;256(5):714–722.
- at a tertiary care center. Am Surg. 2012;78(8):888–892.

  15. Beldi G, Ipaktchi R, Wagner M, Gloor B, Candinas D. Laparoscopic ventral hernia repair is safe and cost effective. Surg Endosc. 2006;20(1):92–95.