

A less invasive choice for inguinal hernia repair...

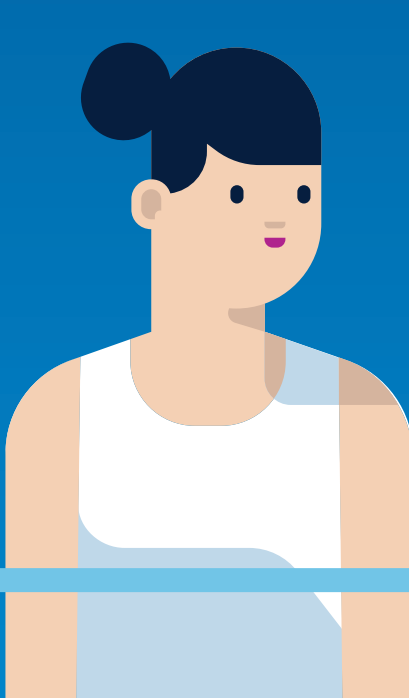
IMPROVING THE PATIENT EXPERIENCE TO IMPROVE THE PATIENT.

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

LAPAROSCOPIC/MIS INGUINAL HERNIA REPAIR



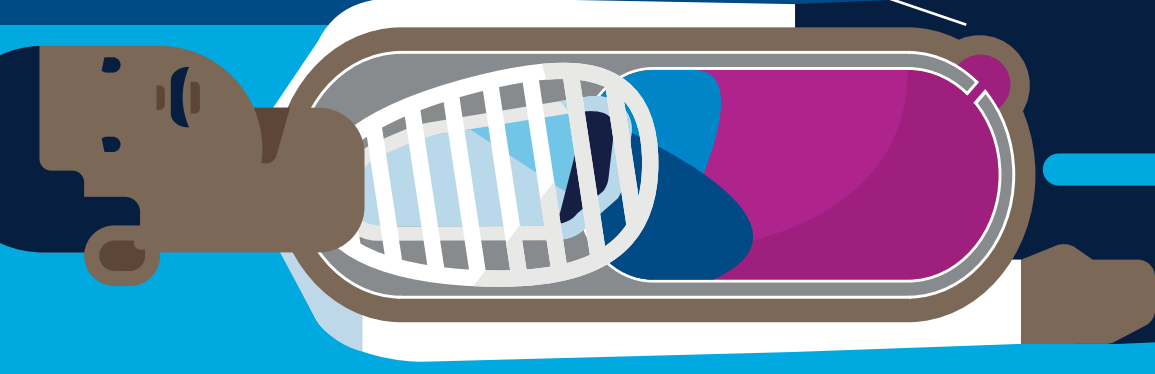
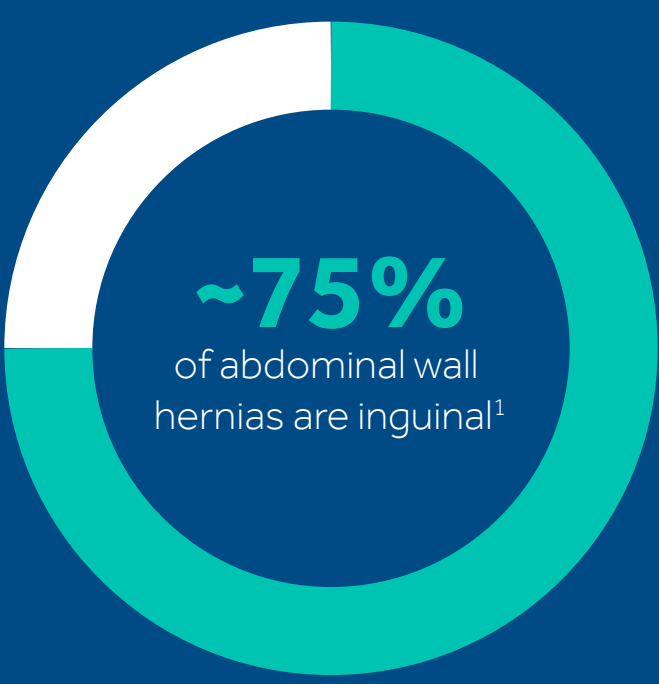
OPEN INGUINAL HERNIA REPAIR



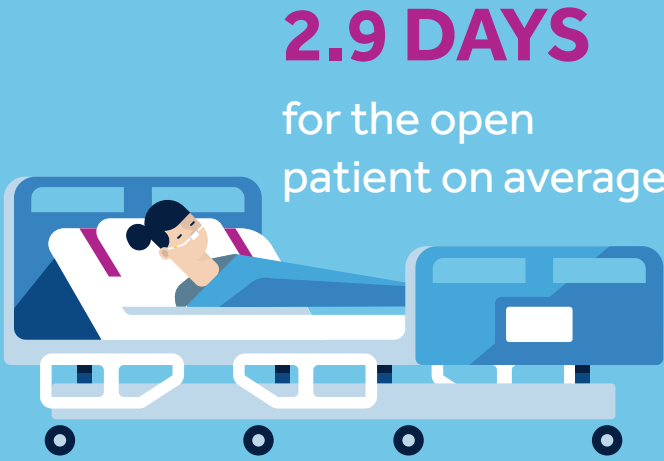
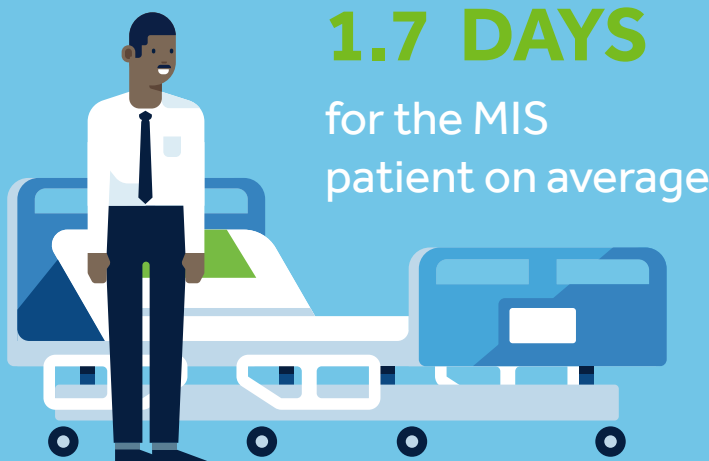
WHAT IS AN INGUINAL HERNIA?

A hernia occurs when tissue or part of an organ bulges through surrounding muscle or connective tissue. Inguinal hernias happen in the inner groin and are the most common type of hernia.

LOCATION:



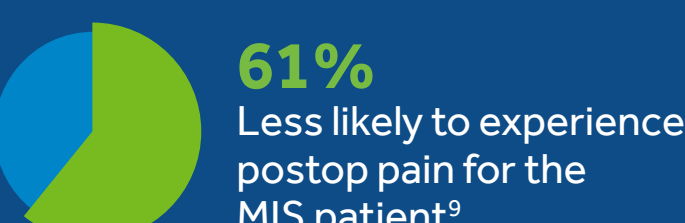
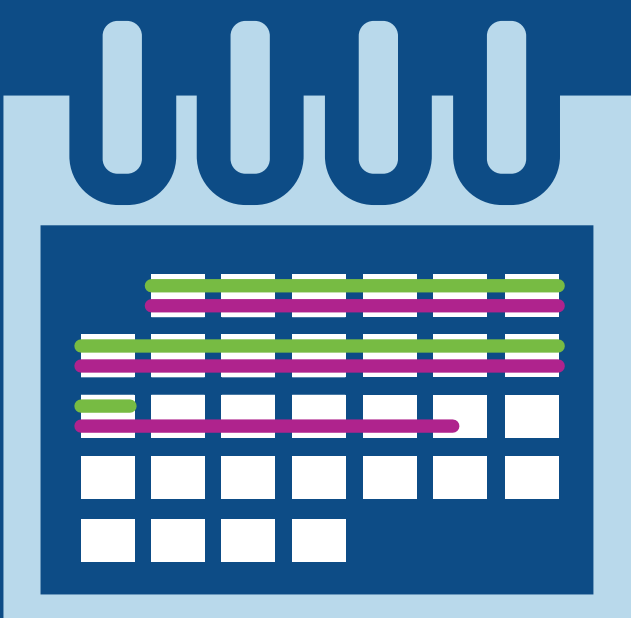
LENGTH OF HOSPITAL STAY²⁻⁶



RATE OF INFECTION AT THE SURGICAL SITE^{3,7,8}



AVERAGE RETURN TO NORMAL ACTIVITIES⁹



The MIS patient can expect:

LESS TIME AWAY FROM HOME²⁻⁶

LESS RISK OF INFECTION^{3,7,8}

LESS CHANCE OF CHRONIC PAIN⁹

A FASTER RECOVERY⁹

Which experience would you choose?

We empower surgeons with tools that are made to enhance hernia repair procedures — and improve the patient experience. Find out more at medtronic.com/covidien

1. Kingsnorth A, LeBlanc K. Hernias: inguinal and incisional. *Lancet*. 2003;362(9395):1561–1571.
2. Wittenbecher F, Scheller-Kreinsen D, Röttger J, Busse R. Comparison of hospital costs and length of stay associated with open-mesh, totally extraperitoneal inguinal hernia repair, and transabdominal preperitoneal inguinal hernia repair: an analysis of observational data using propensity score matching. *Surg Endosc*. 2013;27(4):1326–1333.
3. Li J, Wang X, Feng X, Gu Y, Tang R. Comparison of open and laparoscopic preperitoneal repair of groin hernia. *Surg Endosc*. 2013;27(12):4702–4710.
4. Cheong KX, Lo HY, Neo JX, Appasamy V, Chiu MT. Inguinal hernia repair: are the results from a general hospital comparable to those from dedicated hernia centres? *Singapore Med J*. 2014;55(4):191–197.
5. Timişescu L, Turcu F, Munteanu R, Gidea C, Drăghici L, Ginghină O, Iordache N. Treatment of bilateral inguinal hernia — minimally invasive versus open surgery procedure. *Chirurgia (Bucur)*. 2013;108(1):56–61.
6. Singh AN, Bansal VK, Misra MC, Kumar S, Rajeshwari S, Kumar A, Sagar R, Kumar A. Testicular functions, chronic groin pain, and quality of life after laparoscopic and open mesh repair of inguinal hernia: a prospective randomized controlled trial. *Surg Endosc*. 2012;26(5):1304–1317.
7. Wellwood J, Sculpher MJ, Stoker D, Nicholls GJ, Geddes C, Whitehead A, Singh R, Spiegelhalter D. Randomised controlled trial of laparoscopic versus open mesh repair for inguinal hernia: outcome and cost. *BMJ*. 1998 Jul 11;317(7151):103–110.
8. Yang GP, Chan CT, Lai EC, Chan OC, Tang CN, Li MK. Laparoscopic versus open repair for strangulated groin hernias: 188 cases over 4 years. *Asian J Endosc Surg*. 2012;5(3):131–137.
9. Pisanu A, Podda M, Saba A, Porceddu G, Uccheddu A. Meta-analysis and review of prospective randomized trials comparing laparoscopic and Lichtenstein techniques in recurrent inguinal hernia repair. *Hernia*. 2015;19(3):355–366.