

Two approaches to gastric cancer surgery...

# CHOOSE THE ONE THAT'S RIGHT FOR YOU.

Let's look at two patients with gastric cancer. One has a laparoscopic gastrectomy. The other receives open gastrectomy.

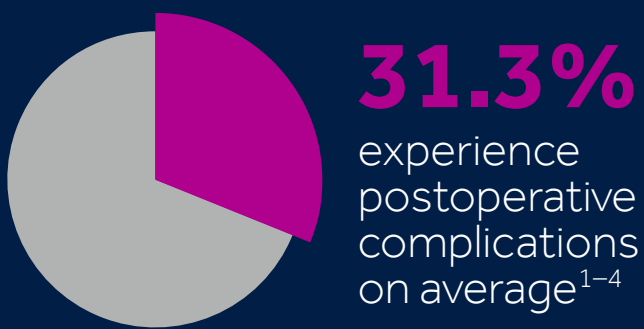
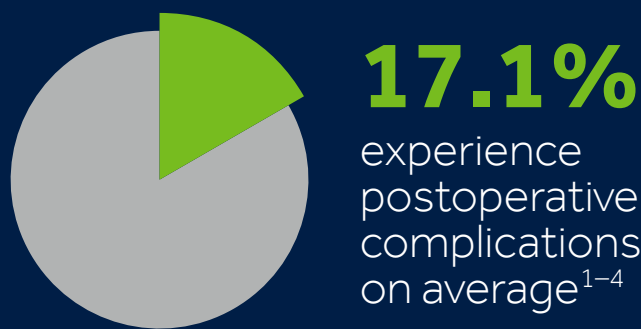
## LAPAROSCOPIC GASTRECTOMY



## OPEN GASTRECTOMY



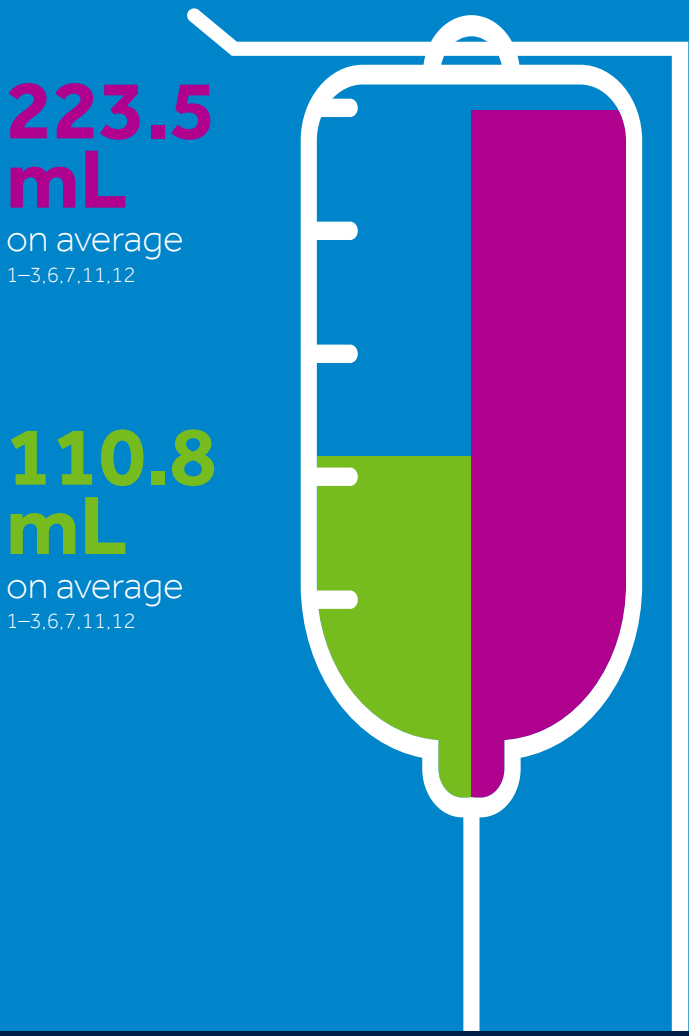
## COMPLICATIONS AFTER SURGERY



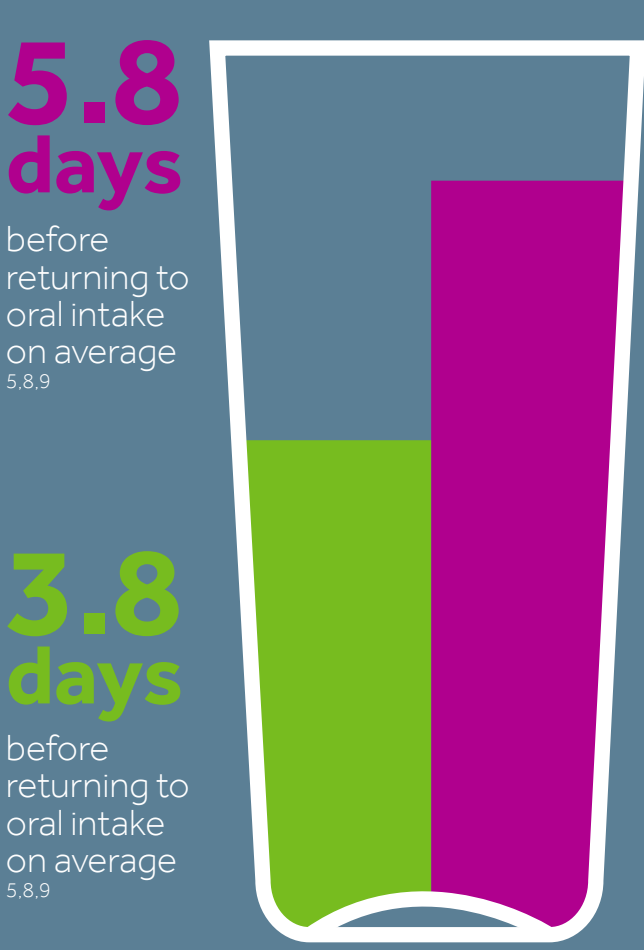
## HOSPITAL STAY



## BLOOD LOSS



## ORAL INTAKE



## What does this mean for a patient who has a laparoscopic gastrectomy?

**50.4%**  
less blood loss during surgery<sup>1-3,6,7,11,12</sup>

**14.2%**  
lower rate of postoperative complications<sup>1-4</sup>

**2 days**  
faster return to oral intake<sup>5,8,9</sup>

**3 days**  
earlier release from the hospital<sup>1-10</sup>

For more information about the benefits of minimally invasive surgery, visit [aboutmis.com](http://aboutmis.com).

1. Oh SY, Kwon S, Lee KG, et al. Outcomes of minimally invasive surgery for early gastric cancer are comparable with those for open surgery: analysis of 1,013 minimally invasive surgeries at a single institution. *Surg Endosc*. 2014;28(3):789-795.

2. Li H, Han X, Su L, et al. Laparoscopic radical gastrectomy versus traditional open surgery in elderly patients with gastric cancer: benefits and complications. *Mol Clin Oncol*. 2014;2(4):530-534.

3. Wang W, Chen K, Xu XW, Pan Y, Mou YP. Case-matched comparison of laparoscopy-assisted and open distal gastrectomy for gastric cancer. *World J Gastroenterol*. 2013;19(23):3672-3677.

4. Qiu JF, Yang B, Fang L, et al. Safety and efficacy of laparoscopy-assisted gastrectomy for advanced gastric cancer in the elderly. *Int J Clin Exp Med*. 2014;7(10):3562-3567.

5. Kwon IG, Cho I, Guner A, et al. Minimally invasive surgery for remnant gastric cancer: a comparison with open surgery. *Surg Endosc*. 2014;28(8):2452-2458.

6. Lin JX, Huang CM, Zheng CH, et al. Surgical outcomes of 2041 consecutive laparoscopic gastrectomy procedures for gastric cancer: a large-scale case control study. *PLoS One*. 2015;10(2):e0114948.

7. Huscher CG, Mingoli A, Sgarzini G, et al. Laparoscopic versus open subtotal gastrectomy for distal gastric cancer: five-year results of a randomized prospective trial. *Ann Surg*. 2005;241(2):232-237.

8. Yasunaga H, Horiguchi H, Kuwabara K, et al. Outcomes after laparoscopic or open distal gastrectomy for early-stage gastric cancer: a propensity-matched analysis. *Ann Surg*. 2013;257(4):640-646.

9. Ramagem CA, Linhares M, Lacerda CF, Bertulucci PA, Wonrath D, de Oliveira AT. Comparison of laparoscopic total gastrectomy and laparotomic total gastrectomy for gastric cancer. *Arq Bras Cir Dig*. 2015;28(1):65-69.

10. Shu ZB, Sun LB, Li JP, Li YC, Ding DY. Laparoscopic versus open resection of gastric gastrointestinal stromal tumors. *Chin J Cancer Res*. 2013;25(2):175-182.

11. Kim HH, Hyung WJ, Cho GS, et al. Morbidity and mortality of laparoscopic gastrectomy versus open gastrectomy for gastric cancer: an interim report — a phase III multicenter, prospective, randomized trial (KLASS Trial). *Ann Surg*. 2010;251(3):417-420.

12. Kumagai Y, Tajima Y, Ishiguro T, et al. Production of intraperitoneal interleukin-6 following open or laparoscopic assisted distal gastrectomy. *Int Surg*. 2014;99(6):812-818.