

Colorectal solutions for a world of good.

Surgical skill enhancement, synchronized surgical workflows, education, and medical device solutions



Patient outcomes are multifactorial.

By addressing global challenges for healthcare providers, we can help improve patient outcomes and experiences by reducing medical errors, complications and readmissions.



Wide variation in patient outcomes

Patient outcomes vary greatly from hospital to hospital, surgeon to surgeon and across treatment areas and geographies.



Medical errors and adverse events

It is estimated that 8-12% of all patients admitted to hospitals in Europe suffer from adverse events.¹ At least 50% of all surgical complications are preventable.²



Variation in team experience and skill

Surgeon skills and team chemistry may have a direct impact on operation time, length of stay, cost of care, complications and hospital readmissions.



Nursing shortage and turnover

Growing nurse shortage and turnover including an increase in nurse vacancies.³



Healthcare costs are on the rise

Rising healthcare costs are complex, but highly influenced by complications,⁴ inefficiencies in care, and direct costs including medical devices and technology.

Complications and readmission rates in colorectal surgery remain high:



Complication rate:

30.5%⁵



Anastomotic leak:

11.9%⁵



Surgical site infection:

15.2%⁵



Bleeding infection:

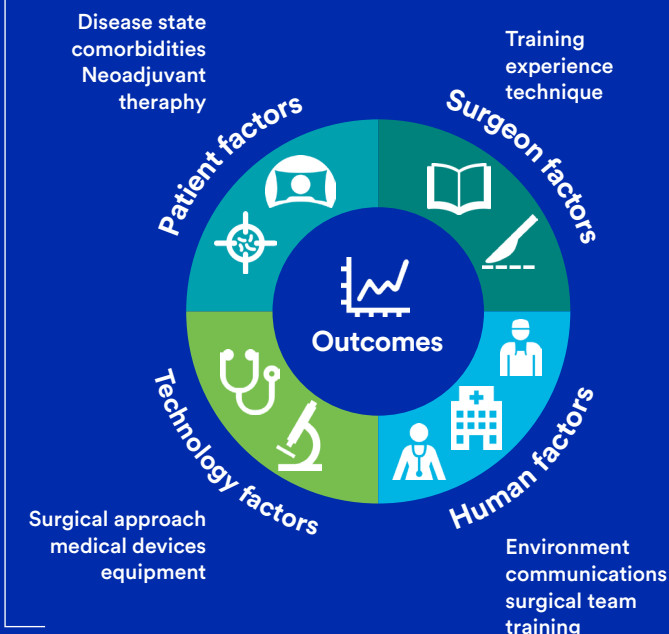
10.5%⁵



Readmission rate:

23%⁴

Outcomes that are multifactorial:



Multi-dimensional solutions are required.

Surgical outcomes are multifactorial—determined by patient factors, surgeons, care teams, the quality of the facilities, medical devices, and more. J&J Colorectal Solutions address this multi-dimensional challenge with an equally robust program focused on perioperative care.



Synchronized surgical workflows

SPI transforms the surgical experience to enable quality of care via synchronized workflows, real-life learning, and effortless documentation.



Surgical skill enhancement

C-SATS combines data, analytics, Artificial Intelligence (AI), and human insights to evaluate and improve surgeon skills. Confidential, personalized, and near-real-time reviews are driving towards positive change.



Professional education

Education, coaching, development, and advocacy for those on the frontlines of health—focused on advancing the appropriate use of our products, and improving patient outcomes.



Medical device solutions

Surgical innovations to enhance surgeon skills, improve the OR experience while helping reduce complications at every critical moment of surgery.



Patient pathway program

CareAdvantage is the Johnson & Johnson data-driven, holistic partnership approach to help hospitals and healthcare providers realize better care by aligning our broad capabilities to specific needs. We focus on delivering value and creating long-term, meaningful partnerships.

References: 1. Special Eurobarometer 411. Patient safety and quality of care. European Commission, 2014. https://ec.europa.eu/commfrontoffice/publicopinion/archives/ebs/ebs_411_en.pdf [Accessed 18 August, 2020] 2. Weiser TG, Regenbogen SE, Thompson KD, et al. An estimation of the global volume of surgery: a modelling strategy based on available data. *Lancet*. 2008 Jul 12;372(9633):139-44 3. Oulton, JA. The global nursing shortage: an overview of issues and actions. *Policy Polit Nurs Pract*. 2006 (3 Suppl):34S-39S. 4. Wick EC, Shore AD, Hirose K, et al. Readmission rates and cost following colorectal surgery. *Dis Colon Rectum*. 2011; 54(12):1475-1479 5. Truven Commercial and Medicare, USA Colorectal Complication Rates 2010-2015

Ethicon Endo-Surgery (Europe) GmbH
Hummelsbütteler Steindamm 71
22851 Norderstedt, Germany
www.jnjmedicaldevices.com

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