

Facing Surgery for Colorectal Cancer?

Learn why *da Vinci® Surgery*
may be your best option.



da Vinci. *Surgery*

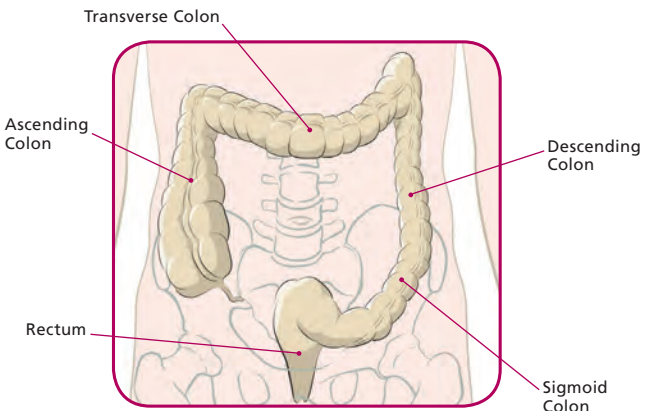
The Condition:

Colorectal Cancer

The colon and rectum are part of the large intestine. Their main function is to pass solid waste from the body. Colorectal cancer usually starts in the glands of the colon or rectum lining. Almost all cases of colorectal cancer begin as non-cancerous (benign) polyps that slowly develop into cancer.¹ Like many cancers, colorectal cancer can spread to lymph nodes or other organs.

Colorectal cancer symptoms may include:¹ blood in the stool, changes in bowel habits, pelvic pain, narrow stools, and unexplained weight loss.

Colorectal cancer affects nearly 1.3 million people worldwide each year and is the fourth most common cause of cancer death.² Colorectal cancer is more common in men, in people over age 60, and in developed countries.^{1,2}



The Intestinal Tract

¹ Available from: <http://www.ncbi.nlm.nih.gov/pubmedhealth/PMH0001308/> ² Available from: <http://globocan.iarc.fr/factsheets/cancers/colorectal.asp>

The Treatment: Colorectal Surgery

For rectal cancer, surgeons perform low anterior resection (LAR) to connect the rectum to the colon after removing the cancer. An abdominoperineal resection (APR) may also be performed if the rectal cancer is located too close to the anus.

Colorectal procedures are usually performed via traditional open surgery, meaning a large open abdominal incision is made from the pubic bone to just below the breastbone. While open surgery can provide an effective treatment for colorectal cancer, it often involves significant trauma and a long recovery.



While clinical studies support the effectiveness of the *da Vinci* Surgical System when used in minimally invasive procedures, complications. **Before you decide on surgery, discuss treatment options with your doctor. Understand** Surgery with the *da Vinci* Surgical System may not be appropriate for every individual; it may not be applicable. Only your doctor can determine whether *da Vinci* Surgery is appropriate for your situation. The clinical information provided in this document is not necessarily those of Intuitive Surgical, Inc. and should not be considered as substitute for medical advice. All rights reserved. *Intuitive, Intuitive Surgical, da Vinci, da Vinci S, da Vinci Si, Single-Site, InSite, T* trademarks or registered trademarks of their respective holders. PN 870119 Rev D 07/11

Laparoscopic surgery is a minimally invasive alternative to open surgery. However, this approach is considered to be technically challenging due to the extensive dissection required, along with the limitations of traditional laparoscopic technology.



Open Colorectal
Cancer Surgery Incision

da Vinci Colorectal
Surgery Incisions



For every surgery, individual results may vary. There are no guarantees of outcome. All surgeries involve the risk of major complications. Understanding the risks of each treatment can help you make the best decision for your individual situation. Consult your doctor for information and opinions, including any inaccuracies expressed in this material by patients or doctor about *da Vinci* robotic surgery. All other product names are trademarks or registered trademarks of Intuitive Surgical. © 2011 Intuitive Surgical. *da Vinci*, *EndoWrist* and *Intuitive Surgical* are trademarks or registered trademarks of Intuitive Surgical. All other product names are trademarks of their respective owners.

da Vinci[®] Surgery:

A Less Invasive Surgical Procedure

If your doctor recommends colorectal surgery, ask about minimally invasive *da Vinci* Surgery. State-of-the-art *da Vinci* requires just a few tiny incisions so you can recover, move on to additional treatment, if needed, and get back to your life.

When compared to open surgery, *da Vinci* Surgery offers the following potential benefits:

- › Excellent cancer control⁴
- › Low rate of complications^{5,6}
- › Fast return to a normal diet^{4,6}
- › Short hospital stay^{4,5}
- › Fast return of bowel function^{4,6}
- › Fast recovery⁴

da Vinci Surgery offers many benefits over traditional laparoscopic surgery including:

- › Excellent outcomes for cancer control³
- › Fewer complications³
- › Faster return to a normal diet³
- › Faster recovery³

Every surgery is unique to each patient and procedure, therefore benefits cannot be guaranteed.



³ Baik SH, Kwon HY, Kim JS, Hur H, Sohn SK, Cho CH, Kim H. Robotic versus laparoscopic low anterior resection. *Dis Colon Rectum*. 2009 Jun;16(6):1480-7. Epub 2009 Mar 17. ⁴ Hellan M, Anderson C, Blenhom JD, Paz B, Pigazzi A. Short-Term Outcomes of Robotic-Assisted Laparoscopic Resection of the Colon. *Dis Colon Rectum*. 2010;10:1245. ⁵ Pigazzi A, Ellenhorn JD, Ballantyne GH, Paz IB; Robotic-assisted laparoscopic resection with total mesorectal excision. *Dis Colon Rectum*. 2008 Nov;51(11):1627-32. Epub 2008 Oct 15.

The Enabling Technology: *da Vinci*[®] Surgical System

The *da Vinci* Surgical System is designed to provide surgeons with enhanced capabilities, including high-definition 3D vision and a magnified view.

Your doctor controls the *da Vinci* System, which translates his or her hand movements into smaller, more precise movements of tiny instruments inside your body.



Though it is often called a “robot,” *da Vinci* cannot act on its own. Surgery is performed entirely by your doctor. Together, *da Vinci* technology allows your doctor to perform complex procedures through just a few tiny openings. As a result, you may be able to get back to your life without the usual recovery following major surgery.

The *da Vinci* System has been used successfully worldwide in hundreds of thousands of procedures to date.

Your doctor is one of a growing number of surgeons offering *da Vinci Surgery* for Colorectal Cancer.

All surgeries, including *da Vinci Surgery*, involve risk of major complications. Before you decide on surgery, discuss treatment options with your doctor. Understanding the risks of each treatment can help you make the best decision for your situation.

For more information and to find a *da Vinci Surgeon* near you, visit:
www.daVinciSurgery.com