

The Enabling Technology: The *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: Instead, the 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 life faster without the usual recovery following major surgery.

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

⁶Menon M, Srivastava A, Kaul S, Badani KK, Fumo M, Bhandari M, Peabody JO. Vattikuti Institute prostatectomy: contemporary technique and analysis of results. *Eur Urol*. 2007 Mar;51(3):648-57.
⁷Menon M, Kaul S, Bhandari A, Srivastava A, Tewari A, Hermal AK. Potency Following Robotic Radical Prostatectomy: A Questionnaire Based Analysis of Outcomes After Conventional Nerve Sparing and Prostatic Fascia Sparing Techniques. *The Journal of Urology*. 2005 December; 174(5) 2291-2296.
⁸Ahlering TE, Woo D, Eichel L, Lee DJ, Edwards R, Skarecky DW. Robot-assisted versus open radical prostatectomy: a comparison of one surgeon's outcomes. *Urology*. 2004 May;63(5):819-22.
⁹Menon M, Tewari A, Baize B, Guillonneau B, Vallancien G. Prospective comparison of radical retropubic prostatectomy and robot-assisted anatomic prostatectomy: the Vattikuti Urology Institute experience. *J Urol*. 2003 Jul;170(1):318-9.
¹⁰Boris RS, Kaul SA, Sarle RC, Stricker HJ. Radical prostatectomy: a single surgeon comparison of retropubic, perineal, and robotic approaches. *Can J Urol*. 2007 Jun;14(3):3566-70.
¹¹Miller J, Smith A, Kouba E, Wallin E, Pruthi R. Prospective Evaluation of Short-Term Impact and Recovery of Health-Related Quality of Life in Men Undergoing Robotic-Assisted Laparoscopic Radical Prostatectomy versus Open Radical Prostatectomy. *J Urol*. 2007 Jul, 178 (3 pt 1): 854-859.

Facing Prostate Cancer?

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



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Prostate Cancer Treatment

Prostate cancer is among the most commonly diagnosed cancers,¹ affecting one in six U.S. men.² Today, due to early detection and aggressive monitoring and treatment, prostate cancer survival rates are among the highest of any cancer.³

In the U.S., 91% of new prostate cancer diagnoses are localized,⁴ meaning the cancer has not spread. For localized cancer, men have multiple treatment options available to them. One such option is radical prostatectomy, the surgical removal of the cancerous prostate.

According to the American Urological Association's 2007 Guidelines for the Clinical Management of Prostate Cancer, "the major potential benefit of [radical prostatectomy] is a cancer cure in patients in whom the prostate cancer is truly localized."

Treatment options such as radiotherapy (either external beam or seed implants) or cryotherapy may radiate, burn or freeze the prostate. However, surgery is the only treatment that removes the cancerous prostate. And *da Vinci*[®] Surgery offers patients a highly effective, minimally invasive option for removal of the prostate.

Read more about prostatectomy...

¹American Cancer Society. Cancer Facts and Figures 2008. http://www.cancer.org/docroot/STT/stt_0.asp

²Prostate Cancer Foundation. http://www.prostatecancerfoundation.org/site/c.itlWK2OSG/b.70619/k.446E/Risk_Factors.htm

³Jemal A. et al Cancer Statistics 2005. CA cancer J Clin 2005;55:10-30

⁴Patel V, Thaly R, Shah K, Robotic radical prostatectomy: outcomes of 500 cases. BJU Int. 2007 May;99(5):1109-12.

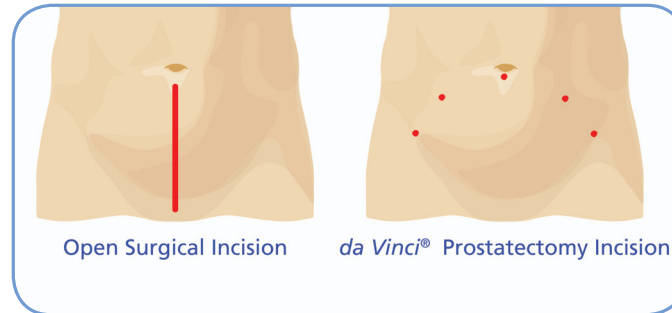
⁵Jemal, A., Siegel, R., Ward, E., Murray, T., Xu, J., Smigal, C. et al: Cancer statistics, 2006. CA Cancer J Clin, 56: 106, 2006

While clinical studies support the effectiveness of the *da Vinci*[®] System when used in minimally invasive surgery, individual results may vary. Surgery with the *da Vinci* Surgical System may not be appropriate for every individual. Always ask your doctor about all treatment options, as well as their risks and benefits.

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The Treatment: Radical Prostatectomy

Radical prostatectomy, which surgically removes the prostate gland, is the most common treatment for prostate cancer. Traditional open prostatectomy requires an 8 to 10-inch incision. This approach commonly results in substantial blood loss and a lengthy and uncomfortable recovery.



Recent clinical studies suggest that *da Vinci* Prostatectomy may offer improved cancer control⁵ and speed recovery of urinary continence⁶ and sexual function.⁷

da Vinci[®] Prostatectomy: The #1 Treatment Choice for Prostate Cancer

If your doctor recommends surgery to treat your prostate cancer, you may be a candidate for a very effective, less invasive surgical procedure called *da Vinci* Prostatectomy. This procedure uses a state-of-the-art surgical system designed to help your doctor perform the most precise and least invasive prostatectomy available today.

For most patients, *da Vinci* Prostatectomy offers numerous potential benefits over open prostatectomy including:

- › Shorter hospital stay⁸
- › Significantly less pain⁹
- › Less blood loss and transfusions¹⁰
- › Less scarring
- › Quicker return to normal activities¹¹

As with any surgical procedure, these benefits cannot be guaranteed as surgery is both patient and procedure specific.

