

## 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. 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 long recovery that usually follows open surgery.

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

*Your doctor is one of the growing number of surgeons worldwide offering da Vinci Surgery for a range of complex conditions.*

For more information about da Vinci Surgery for prostate cancer and to find a da Vinci Surgeon near you, please visit:

[www.billingsclinic.com/roboticsurgery](http://www.billingsclinic.com/roboticsurgery)



  
Billings Clinic

## Facing Prostate Cancer?



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

## Prostate Cancer Treatment

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

In the U.S., 91 percent of new prostate cancer diagnoses are localized,<sup>4</sup> 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.



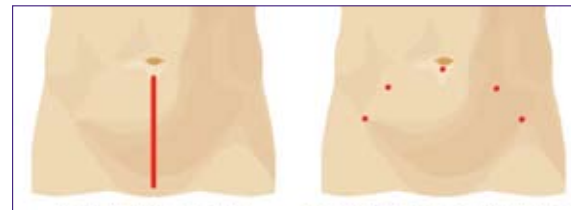
While clinical studies support the effectiveness of the da Vinci\* System when used in minimally invasive surgery, individual results may vary. Surgery with the da Vinci Surgical System may not be appropriate for every individual. Always ask your doctor about all treatment options, as well as their risks and benefits. © 2009 Intuitive Surgical. All rights reserved. Intuitive, Intuitive Surgical, da Vinci, da Vinci S and EndoWrist are trademarks or registered trademarks of Intuitive Surgical. PN 870033 Rev. A 10/08

## 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 control<sup>6</sup> and speed recovery of urinary continence<sup>6</sup> and sexual function.<sup>7</sup>



Open  
Surgical Incision

da Vinci  
Prostatectomy Incisions

<sup>1</sup> American Cancer Society. Cancer Facts and Figures 2008. [http://www.cancer.org/docroot/STT/stt\\_0.asp](http://www.cancer.org/docroot/STT/stt_0.asp)

<sup>2</sup> Prostate Cancer Foundation. [http://www.prostatecancerfoundation.org/site/c.itlWK2OSG/b.70619/k.446E/Risk\\_Factors.htm](http://www.prostatecancerfoundation.org/site/c.itlWK2OSG/b.70619/k.446E/Risk_Factors.htm)

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

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

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

<sup>6</sup> Menon 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.

<sup>7</sup> Menon M, Kaul S, Bhandari A, Srivastava A, Tewari A, Hemal 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.

## The #1 Treatment Option for Prostate Cancer

### da Vinci Prostatectomy

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 stay<sup>8</sup>
- Significantly less pain<sup>9</sup>
- Less blood loss and transfusions<sup>10</sup>
- Less scarring
- Quicker return to normal activities<sup>11</sup>

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

<sup>8</sup> Ahlering TE, Woo D, Eichel L, Lee DI, Edwards R, Skarecky DW. Robot-assisted versus open radical prostatectomy: a comparison of one surgeon's outcomes. Urology. 2004 May;63(5):819-22

<sup>9</sup> Menon 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.

<sup>10</sup> Boris 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.

<sup>11</sup> Miller 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.