

How does the da Vinci® surgical system work?

The da Vinci® surgical system is the most modern system for minimally invasive surgery. It consists of two components, the surgeon's console and the patient-side cart (robotic unit).

In contrast to conventional laparoscopy, the three-dimensional system translates a spatial image and provides the physician with optimum visual control of the micro-instruments (only a few millimetres in size) in the surgical field.

The unit, often incorrectly referred to as a "surgery robot", merely replicates the surgeon's movements. The system evens out any uneasy or jerky movements.

Thanks to the enhanced visualisation of the surgical field, the surgeon benefits from the greatest possible surgical precision.

The surgeon console of the da Vinci® surgical system enables the calm and precise control of the instruments that are only a few millimetres in size.



How to find us!



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Universitätsklinik für Urologie



da Vinci®
Quality of life despite
prostate cancer



da Vinci® in Tübingen!

Since 2008, University Hospital Tübingen's Urology Clinic is one of few clinics in Germany that can remove the cancerous prostate with the support of the less-invasive da Vinci® surgical system.

With more than 1,000 prostatectomies in Tübingen in recent years, the Clinic holds a wealth of experience in the diagnosis, therapy and follow-up of this type of cancer, which has become one of the most common types of cancer in Germany. One of the forms of treatment – the removal of the cancerous prostate – can be enhanced with the support of telerobotics.

I particularly recommend da Vinci® system supported surgery for the nerve-sparing operation of locally restricted tumours in younger patients and the optimum retention of the sphincter muscle of the bladder in older patients.

Another benefit of the da Vinci® system is the reconstruction of the nerves that may have to be removed during prostate surgery. Using this system, disconnected potency nerves could be micro-surgically reconnected.

In Tübingen, da Vinci® surgery further extends the range of prostate tumour treatments available and enables a good tumour treatment result while reducing both the time spent as an in-patient and the post-operative rehabilitation period.

For more information, please contact me or one of my team members.

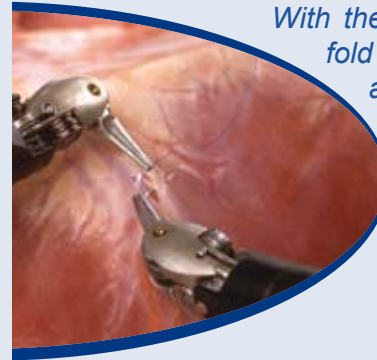
Yours



Professor Arnulf Stenzl MD



Which benefits does da Vinci® offer?



With the option of an up to ten-fold magnification, nerves and tissue structures are significantly easier to detect and can thus be surgically spared.

- minimum scarring
- less blood loss
- less need for pain relief
- faster recovery
- shorter hospital stay
- faster restoration of continence
- improved reconstruction of potency nerves

Interested?

Speak with us!

We are happy to provide further information and answer your questions:

Prostatakarzinomzentrum Tübingen
certified by
Deutsche Krebsgesellschaft e.V.



Tübinger
Prostatakrebs Zentrum

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