BUSCH CENTER

SETTING THE STANDARD

TULSA

A Revolutionary Treatment Option

WHAT IS TULSA?

TULSA stands for **T**ransurethral **UL**tra**S**ound **A**blation of the prostate. The TULSA Procedure is a customizable, predictable and incision-free ablation of a defined region of the prostate. This approach allows Dr. Busch to customize your treatment plan to your specific needs.

The TULSA Procedure may be a suitable option to treat prostate cancer or BPH (benign prostatic hypertrophy). The main objective of TULSA is to ablate prostate tissue while protecting surrounding organs and structures. This will help preserve your natural functional abilities—ensuring your quality of life.

BENEFITS OF TULSA

1. RADIATION-FREE

TULSA uses High Intensity Direction Ultrasound to ablate the prostate instead of ionizing radiation.

2. INCISION-FREE

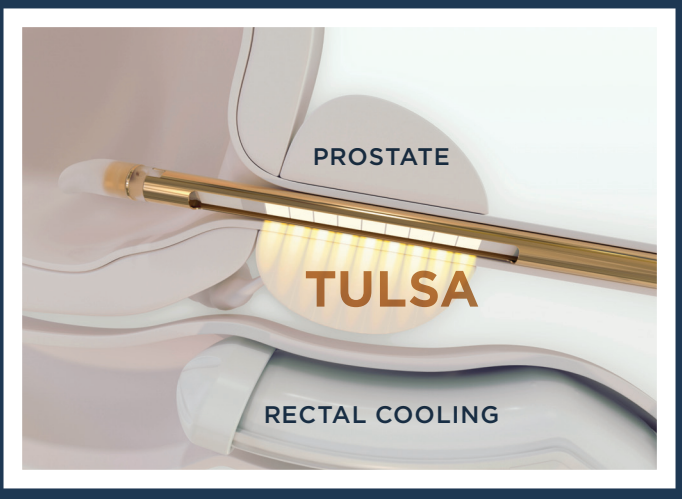
TULSA is a minimally invasive treatment that allows most patients to return to their normal activities within days.

3. CUSTOMIZED TREATMENT

Dr. Busch customizes treatment based on your individual needs and disease.

4. ONE AND DONE

TULSA is performed in a single session that takes a few hours and is usually conducted under managed anesthesia care (MAC) with multimodal pain management (MMP). After the treatment, Dr. Busch will consult with you before sending you home the same day.



5. QUALITY OF LIFE

TULSA provides comparable or better than outcomes for erectile dysfunction and urinary incontinence when compared to other prostate cancer treatment options.

6. NO RISK OF RECTAL FISTULA

Clinical evidence has shown that neighboring organs such as the rectum are not affected by the TULSA Procedure. The system directs the ultrasound energy towards the areas of the prostate Dr. Busch plans to treat, while also actively protecting the areas not to be treated.

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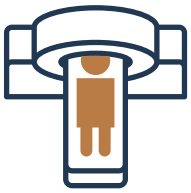
HOW DOES TULSA WORK?

The TULSA Procedure is performed in combination with real-time MR Imaging, directional thermal ultrasound, and a closed-loop temperature feedback control. TULSA treatment is delivered in an MRI examination room.

During the treatment, the ultrasound energy is delivered through the urethra directly to the targeted tissue in the prostate (inside-out ablation). The energy does not come through the rectum, leaving the rectum preserved. TULSA has rectal and urethral cooling throughout the treatment to further protect these structures from any unintended heat.

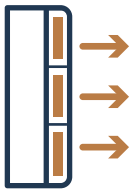
TULSA Procedure

HOW WE **SEE**



REAL-TIME MRI GUIDANCE

HOW WE **ABLATE**



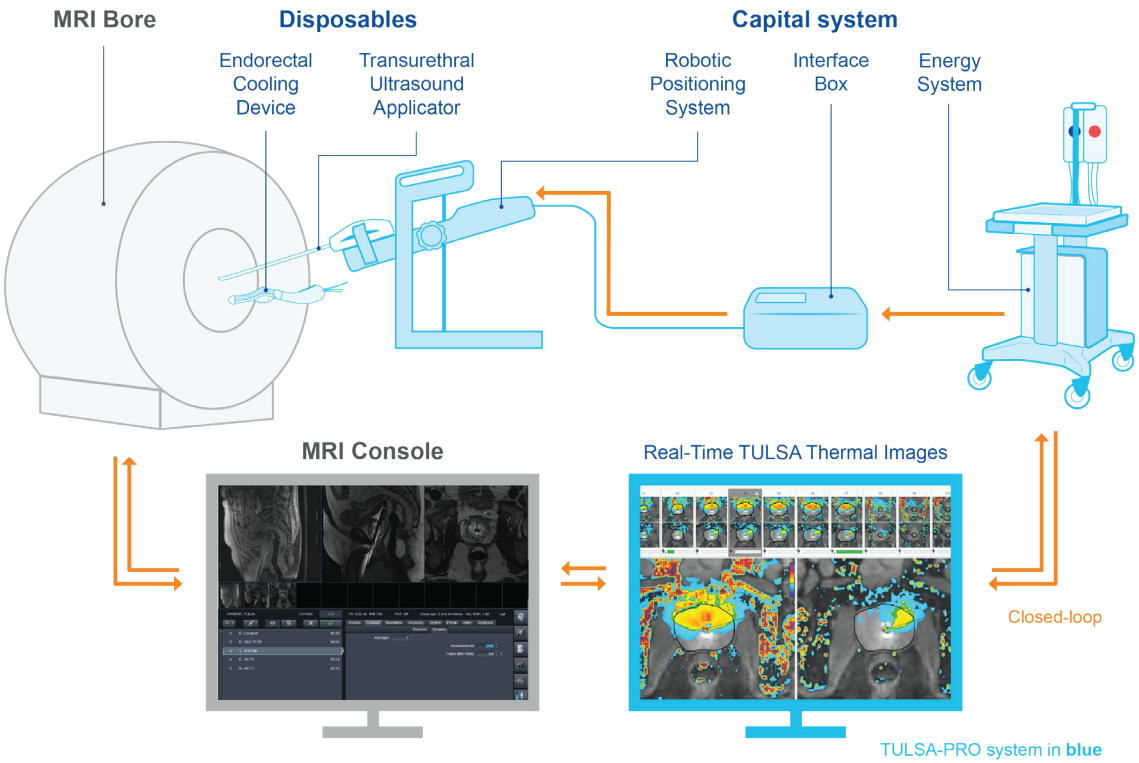
TRANSURETHRAL DIRECTIONAL THERMAL ULTRASOUND

HOW WE **CONTROL**

CLOSED-LOOP THERMAL FEEDBACK

What are the possible side effects of TULSA?

As with many treatments, there are side effects associated with TULSA. The most common side effects include pain/discomfort in the treatment area, blood in urine, urinary tract infection and prostatitis. Dr. Busch will review with you all the risks associated with this treatment.



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