TULSA-PRO®

Inside-Out Prostate Ablation

Transurethral
Directional Thermal Ultrasound

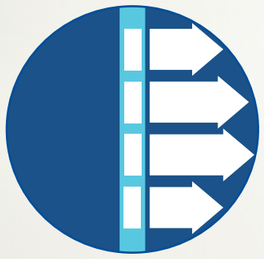
PROFOUND

TULSA-PRO®

How we **see & plan**

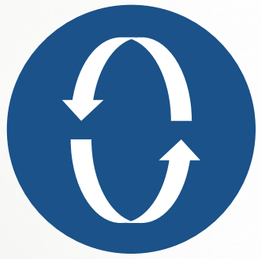
Real-time MRI Guidance

How we **ablate**



Transurethral Directional Thermal Ultrasound

How we **control**

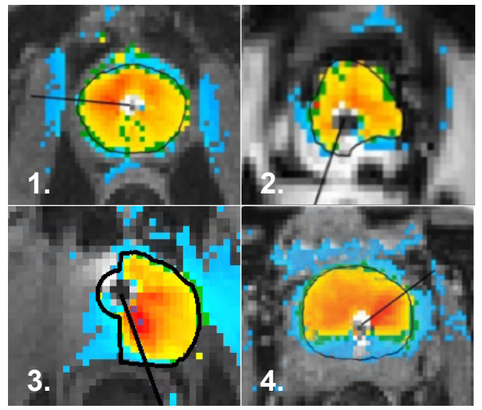


Closed-loop Thermal Feedback

A **prostate solution** that is....

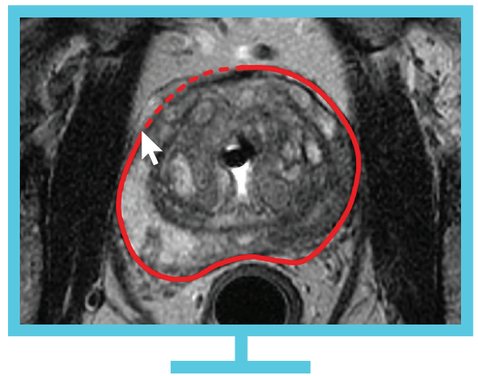
Customizable,

1. Whole gland ablation
2. Ablation post radiation failure
3. Targeted ablation
4. Targeted ablation of enlarged prostate with and without malignant lesion



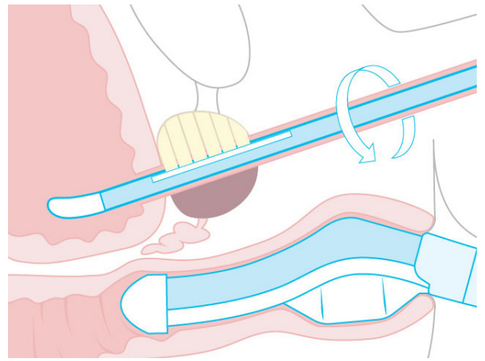
Predictable,

TULSA-PRO uses real-time in-bore MRI for both procedure planning and guidance. The physician draws the precise ablation boundaries during procedure planning. The autonomous robot then predictably rotates and controls the ablation as needed during delivery.



Incision-free.

The physician reaches the prostate through the urethra.



TULSA-PRO®

How we **see & plan**

Real-time MRI Guidance

How we **ablate**

Transurethral Directional Thermal Ultrasound

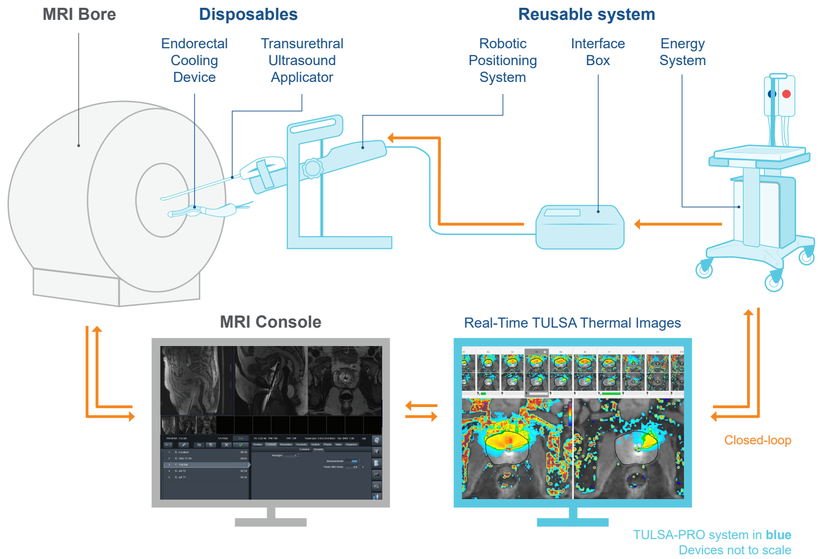
How we **control**

Closed-loop Thermal Feedback

TULSA-PRO® SYSTEM

> "Unlike other ultrasound systems on the market, you can monitor the ultrasound ablation process in real time and get immediate MRI feedback of the thermal dose and efficacy."

Dr. Steven S. Raman
Professor of Radiology, Urology and Surgery
David Geffen School of Medicine at UCLA
Los Angeles, CA



TULSA-PRO system in **blue**
Devices not to scale

TULSA PROCEDURE

> "The TACT study demonstrated that treatment with TULSA-PRO® provides safe and effective prostate tissue ablation, with little impact on men's functional ability compared to well-established treatment modalities..."

Dr. Christian Pavlovich
Professor, Urology and Oncology
Johns Hopkins University School of Medicine
Baltimore MD

Patient Selection

Patients who are MRI cleared are eligible to have the TULSA Procedure.

Patient Prep & Positioning

While the patient is under anesthesia, MRI guidance is used to ensure the ultrasound applicator and endorectal cooling device are positioned correctly inside the patient.

Planning

Using intraoperative in-bore MRI, the physician defines safety margins, guides robotic device positioning, and contours the targeted prostate tissue for each transducer element to define the ablation area and volume.

Delivery

TULSA-PRO combines real-time MRI thermometry and closed-loop control, allowing the physician to actively monitor tissue heating throughout the prostate and nearby critical structures. The system measures the ablation effect in real-time and, through continuous sweeping movement, automatically adjusts the energy delivery.

Confirmation

After the procedure is complete, contrast-enhanced MRI confirms accurate ablation of prostate tissue.

TULSA-PRO® BENEFITS

Customizable

The flexibility to uniquely tailor the ablation to each patient
Every patient has unique needs; TULSA-PRO allows physicians to customize, so each patient's life does not have to change.

The flexibility to ablate prostates of different sizes
TULSA-PRO can be used to ablate both large and small prostates.

The flexibility to benefit different types of patients
Schedule a variety of patients in one day.

Predictable

Physician defines the boundary lines and volume to be ablated; the robot follows the instructions
Ablation process is automated, precise, and predictably avoids impacting healthy tissue.

Actively protects the urethra and rectum during ablation to preserve men's natural functions
Favorable safety profile demonstrated in Phase I and TACT clinical trial data.

Single short procedure with possibility to schedule four per day in routine practice
Actual ablation time is 1-2 cc/min; 2h total procedure time.

Incision-free

Radiation-free
High-intensity directional ultrasound is used to ablate tissue.

No energy directed through the rectal wall
Inherently safer than outside-in ablation therapy.

High throughput
Consistently perform 3-4 procedures in a day.

Patient tolerability
Minimal pain and fast recovery.

Transurethral inside-out ablation
The entire prostate is accessible (including anterior and posterior).

Cost savings
MR suite is significantly less expensive than an operating room.

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