

Sonablate[®] HIFU

Targeted Prostate Ablation



SONACARE
MEDICAL

Sonablate[®] HIFU

Targeted Prostate Ablation

Sonablate[®] HIFU is the next generation of prostate care. Utilizing focused ultrasound, the *Sonablate*[®] system is a minimally invasive robotic device that delivers precise and focused ablative energy.

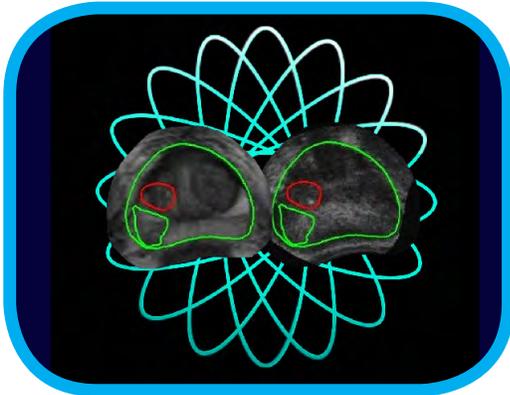


CARE Capabilities

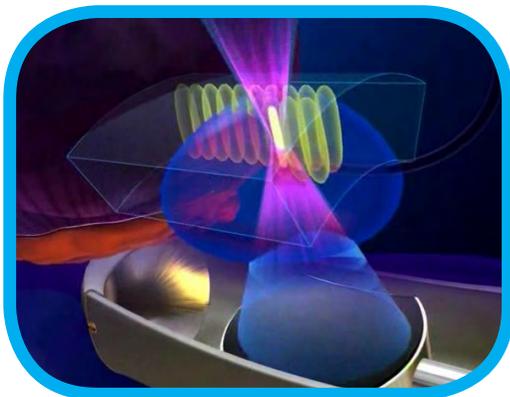
- Minimally Invasive
- Real-time Imaging
- Sonafuse (Ultrasound / mpMRI Image Fusion Platform)
- Neurovascular Bundle Detection
- TCM (Tissue Change Monitoring)
- Patient Safety Tools
- Radiation-free

How it works

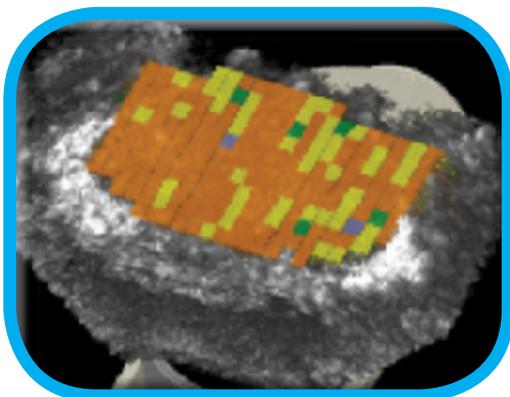
Sonablate[®] is powered by the unique **A3 Technology**, which allows physicians to:



Aim at specific tissue using ultrasound-MR fusion.



Ablate with pinpoint accuracy while sparing untargeted tissue.



Analyze using real-time imaging and advanced TCM (tissue change monitoring).

Prostate Care Revolutionized

Sonablate[®] features a fully integrated probe with dual imaging and ablation transducers. While the probe remains still in the rectum, the transducer moves robotically to follow the physician's precise ablation plan.

Ultrasound energy, or sound waves, are focused at a specific location within the prostate called the focal point. At the focal point, the tissue temperature rapidly rises to almost 90 degrees Celsius (195 degrees Fahrenheit), destroying the targeted tissue while the surrounding tissue remains unharmed.



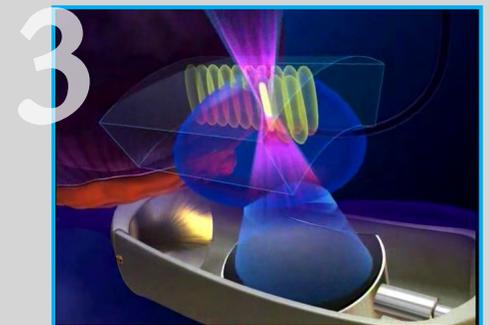
The *Sonablate*[®] Procedure



The *Sonablate*[®] probe is positioned in the patient's rectum



The treating physician will map out a customized ablation plan

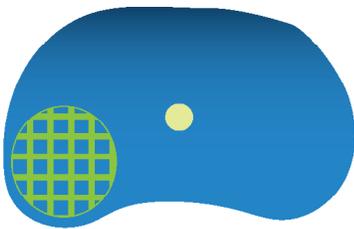


Physician initiates HIFU delivery creating individual lesions (similar in size to a grain of rice)

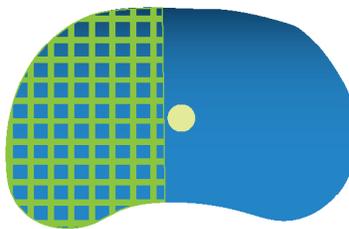
Clinical Applications

Sonablate® addresses the need for personalized prostate ablation, using MRI and ultrasound image guides to create a customizable plan tailored to each patient’s prostate.

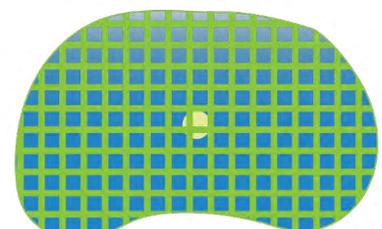
This tailored ablation plan allows the user to apply HIFU in a variety of ablation patterns including focal, hemi and whole gland ablation.



Focal Gland Ablation



Hemi Gland Ablation



Whole Gland Ablation

Comprehensive Prostate Care Model

PROCESS	Multidisciplinary Physician Team	Clinical Resources
1. Prostate Biopsy	Urologists / Pathologists	Ultrasound, Biopsy Needles
2. mpMRI	Radiologists / Urologists	MRI, T3+ Multi-Parametric
3. Targeted Biopsy	Urologists / Pathologists	Ultrasounds, Target Biopsy with MRI Ultrasound Image Fusion
4. Targeted Ablation	Urologists	HIFU with Integrated MRI Ultrasound Image Fusion
5. Patient Follow-Up	Urologists	PSA, Ultrasound / Biopsy, MRI

SONACARE MEDICAL

SonaCare Medical is a world leader in minimally invasive high intensity focused ultrasound (HIFU) technologies. SonaCare Medical is committed to developing focused ultrasound related technologies that support precise and innovative procedures for the treatment of a range of medical conditions. SonaCare Medical, with its subsidiary Focus Surgery, Inc., designs and manufactures medical devices, including the following:

Sonablate[®], which has 510(K) clearance in the U.S. under a De Novo regulatory classification; Sonablate[®] 500, which has CE Marking and has obtained regulatory authorization in more than 49 countries outside the U.S.; and Sonatherm[™] laparoscopic HIFU surgical ablation system, which has 510(K) clearance in the U.S., has CE Marking and has obtained regulatory authorization in more than 30 countries outside the U.S.

© 2016 SonaCare Medical, LLC

SonaCare Medical
10130 Perimeter Parkway
Suite 250
Charlotte, NC 28216
USA

 **+1 (888) 874-4384**

www.SonaCareMedical.com

