



## High-Intensity Focused Ultrasound: Advancing incisionless brain treatment for tremor

### Incisionless. Outpatient. Life-Changing.

High-Intensity Focused Ultrasound (HIFU) is a pioneering treatment for essential tremor and certain symptoms of Parkinson's disease, with additional indications expected in the near future. Using incisionless sound waves to precisely ablate deep brain targets that cause tremor, the procedure is performed in a single, outpatient procedure with many patients showing immediate improvement in the treated side with minimal or no complications.

### Benefits for patients

- Immediate and durable tremor improvement
- Significant improvement in Quality of Life
- Outpatient and home the same day
- Little to no risk of infection
- No implants, probes or ionizing radiation
- No anesthesia
- Minimal complications

### How it works

- Sound waves are directed from a helmet-shaped device with no incisions
- Where the sound waves meet, a lesion about the size of a pea is made to disrupt the abnormal circuit
- The target is the Vim of the thalamus, same as used for deep brain stimulation (DBS) and surgical thalamotomy
- Many patients experience immediate tremor improvement



**Scan the QR Code on your phone to watch patient testimonial videos**

### How you can make an impact

The Prisma Health Midlands Foundation Board of Directors, in collaboration with Prisma Health Midlands Foundation, is leading a \$3 million capital campaign to help fund this new equipment at Richland Hospital. To learn more about HIFU, contact Katherine Davis of Prisma Health Midlands Foundation. [Katherine.Davis@prismahealth.org](mailto:Katherine.Davis@prismahealth.org) | 803-434-2826



"Your support is a powerful vote of confidence in our program and advancing non-invasive treatment options for patients across S.C. This transformational gift will help us become the first in the state to offer this cutting-edge technology, significantly advancing care for individuals with neurological conditions and beyond."

**-Erwin Z. Mangubat, MD, MPH  
Chief of Neurosurgery, Prisma Health Neurosurgery**

Capital Campaign for treatment advancement

## Prisma Health Midlands High-Intensity Focused Ultrasound Commitment Form

Yes, I/we would like to make a gift to help fund High-Intensity Focused Ultrasound at Prisma Health's Richland Campus

Gift amount: \$ \_\_\_\_\_

Dr.  Mr.  Mrs.  Mr. & Mrs.  Rev.  Other \_\_\_\_\_

Organization name \_\_\_\_\_ Contact name \_\_\_\_\_

Name(s) \_\_\_\_\_

Address \_\_\_\_\_

City/State/Zip \_\_\_\_\_

Phone (H) \_\_\_\_\_ (W) \_\_\_\_\_ (C) \_\_\_\_\_

Email \_\_\_\_\_

Signature(s) \_\_\_\_\_ Date \_\_\_\_\_

### CONTRIBUTION:

Enclosed is my/our contribution of \$ \_\_\_\_\_

Cash  Check  Visa  Mastercard  Discover  American Express

Card# \_\_\_\_\_ Exp Date (MM/YY) \_\_\_\_\_

Signature \_\_\_\_\_

Check # (payable to Prisma Health Midlands Foundation - For HIFU) \_\_\_\_\_

### PLEDGE:

Please bill me:  Monthly  Quarterly  Other (please complete credit card section above).

*For recognition purposes, how would you like your name to appear?* \_\_\_\_\_

This gift is  In honor of  In memory of \_\_\_\_\_

### Send acknowledgement to:

Name \_\_\_\_\_

Address \_\_\_\_\_ City/State/Zip \_\_\_\_\_

This is an anonymous gift.

My company will match this contribution. Attached is the required form.

Return completed form to:

**Katherine.Davis@PrismaHealth.org**

**Prisma Health Midlands Foundation, 1600 Marion St., Columbia, S.C., 29201**

**PRISMA HEALTH.**  
MIDLANDS FOUNDATION