



# High Intensity Focused Ultrasound Therapy



UK FOCUSED ULTRASOUND  
FOUNDATION

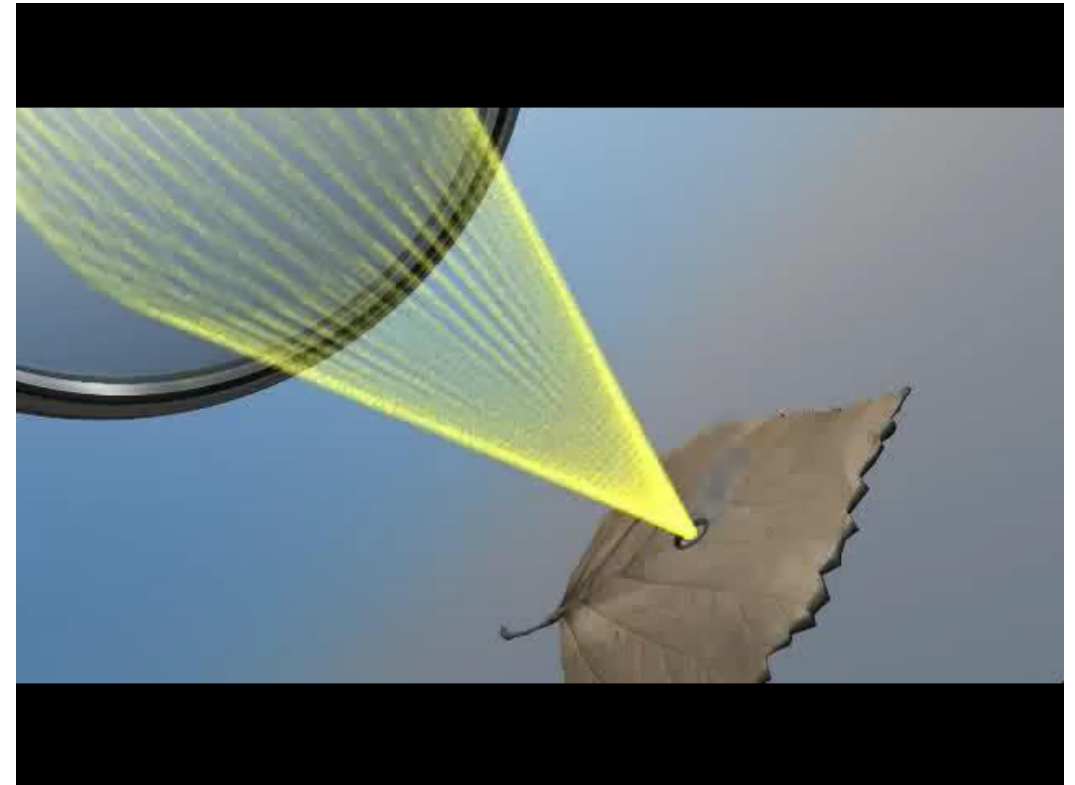
# Incidence of Prostate Cancer in the UK today

- **52,000 patients diagnosed with prostate cancer each year**
- **Some 21,000 have whole prostate gland treatment which can have life changing side effects: urinary incontinence, erectile dysfunction and rectal incontinence.**

# The principle

## Multiple intersecting beams of ultrasound

- Focused accurately (submillimeter)
- Targets in the body
- Individual beams pass harmlessly through adjacent tissue
- Profound effect at point of convergence killing cancer cells



# HIFU Treatment of Prostate Cancer in the UK



- **HIFU has been shown to be as effective as a prostate cancer treatment**
- **It does not have the debilitating side effects as conventional therapies**
- **HIFU is non-invasive, inexpensive and effective**
- **It can be used for approximately 20 per cent of prostate cancer cases and most cases of non-cancerous prostate hyperplasia**
- **It is delivered as a day case**

# The Future

- **Fund raising initiative to support the purchase of a HIFU treatment (“HIFU”) Machine for Northampton General Hospital (NGH)**
- **This will be the first unit in the East Midlands**
- **We want to raise £20,000 in the coming 4 to 6 weeks as a contribution to the purchase of the HIFU equipment. This equates to £200 per lodge. Private donations are also welcome**

# Focused Ultrasound

The most powerful sound  
you will never hear.

But a sound that  
could save your life.

