

# Focal One



[www.edap-tms.com/focal-one](http://www.edap-tms.com/focal-one)



edap tms

Bringing New Horizons to Therapy

# Robot-Assisted Prostate Tumorectomy

Focal Strategy for Prostate Cancer is taking a growing role in today's surgical practice. By combining all the latest technologies in imaging and treatment, FocalOne brings the answer to all requirements for ideal focal

therapy: accurate and MR-fused imaging, non-invasive surgical approach, precise and efficient therapeutic energy and end-of-treatment validation imaging.

- Ideal image modality at every step of the process

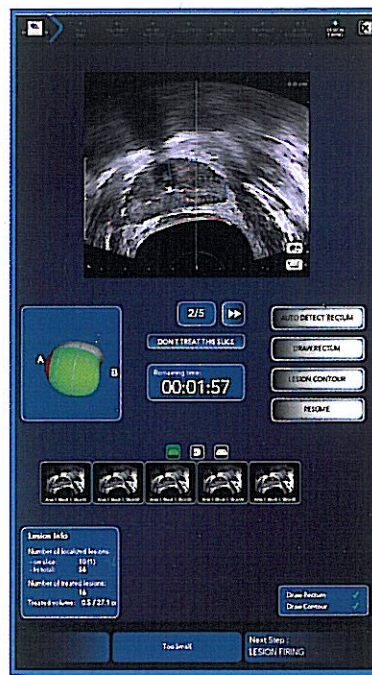
## Pre-treatment



### MRI import and Fusion

- MR Images import from PACS or CD.
- Elastic fusion to match automatically the 3D contours of the prostate on the MRI and the scanned Ultrasound.

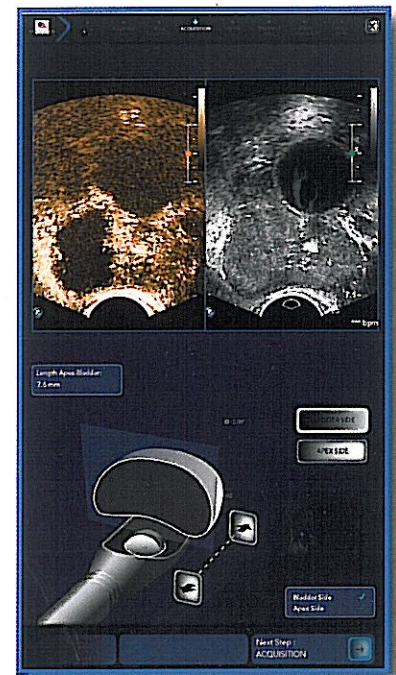
## Per-treatment



### Precise contouring of zone to be treated

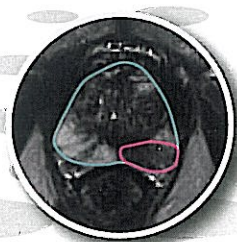
- MR target automatically displayed on live ultrasound image
- Design precisely area to be treated and follow HIFU shots
- Modify planning in real time

## Post-treatment

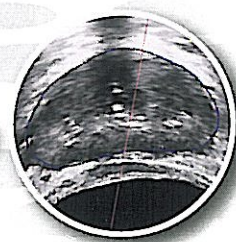


### Validation of treated area

- Contrast imaging to validate areas treated and define areas for treatment completion.
- Review of treatment images.
- Comparison with MRI follow-up images.



MRI



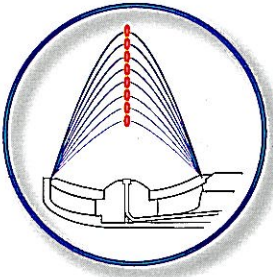
Ultrasound



Fused MRI + Ultrasound

## • Optimal technology combination for ideal focal efficacy

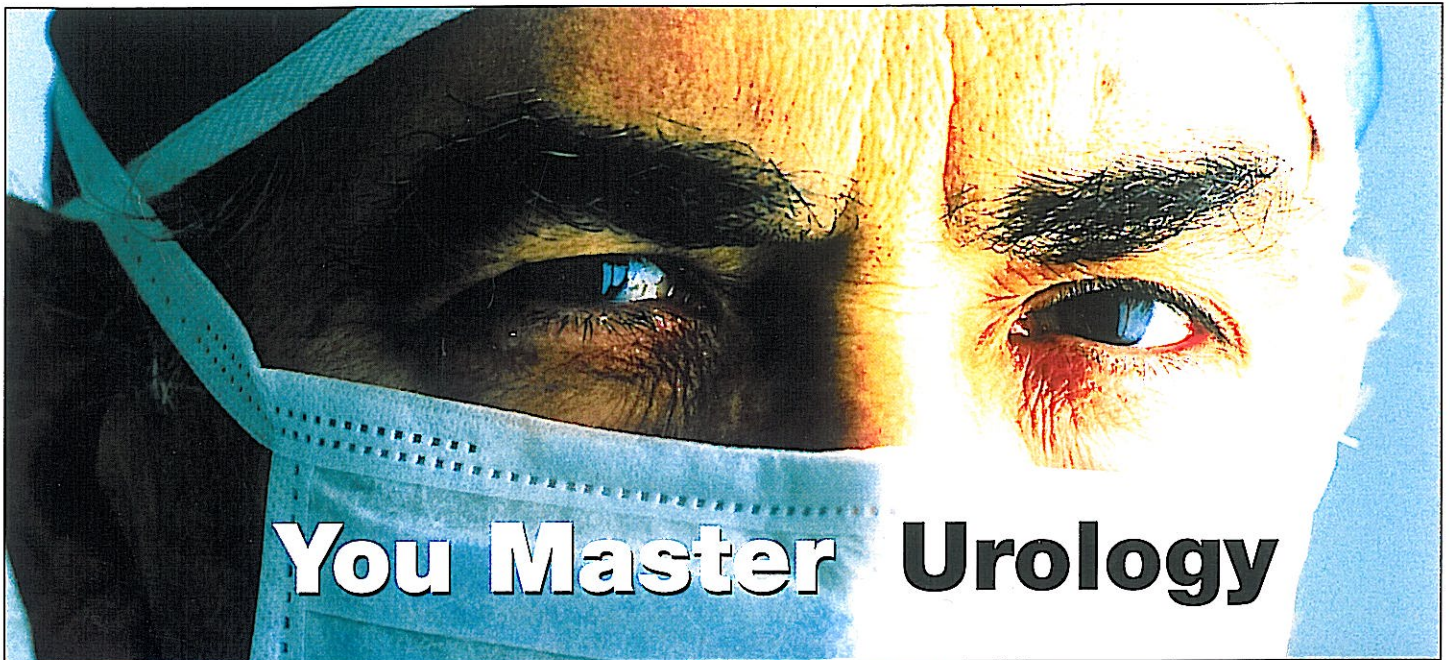
- ✓ **MRI Import and Fusion** with real-time ultrasound imaging
- ✓ **Precise contour definition** of target areas
- ✓ **Non-invasive** ultimate HIFU technology
- ✓ Precise **robotic** movements
- ✓ Unique **Dynamic Focusing** technology
- ✓ **Real-time** tracking and adjustment of energy delivered
- ✓ Confirmation and possible **completion** of untreated area
- ✓ **Quality of Life** preservation
- ✓ All treatments remain **salvage** options



EDAP TMS exclusive  
Dynamic Focusing technology



# Focal One



**You Master Urology**

# We Master Therapeutic Ultrasound

EDAP TMS is the leader in therapeutic ultrasound. Having been present in the market for 30 years, EDAP TMS (NASDAQ: EDAP) develops minimally-invasive therapeutic solutions for urology.

By consistently investing in research and development and by forming partnerships with internationally-renowned medical research institutions, EDAP TMS has been able to patent innovative technologies.

EDAP TMS is present in many countries via an extensive network of Subsidiaries and Distribution Partners. The Company focuses on producing a high standard of service for health care practitioners: mobile equipment, training centers and a far-reaching maintenance network.

With Ablatherm® HIFU, EDAP TMS is the world leader in High Intensity Focused Ultrasound (HIFU) for localized prostate cancer treatment.

The company is currently adapting this technology so that it is potentially able to treat other types of tumors.

As a pioneer and key player in the field of extracorporeal lithotripsy, EDAP TMS introduced the first modular lithotripter and owns the patent for Electroconductive® technology, utilized in its Sonolith® range of ESWL systems.

EDAP TMS focuses every day on delivering technologies that guarantee positive outcomes which are replicable, with low side effects and a preserved quality of life.

[www.edap-tms.com](http://www.edap-tms.com)



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