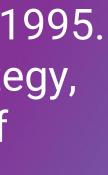
# NANOKNIFE Irreversible Electroporation (IRE) PROSTATE Investor Event

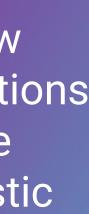
# Revolutionizing Prostate Care: Transforming Treatment. Driving Value.

#### Notice Regarding Forward-Looking Statements

This presentation contains forward-looking statements within the meaning of the Private Securities Litigation Reform Act of 1995. All statements regarding AngioDynamics' expected future financial position, results of operations, cash flows, business strategy, budgets, projected costs, capital expenditures, products, competitive positions, growth opportunities, plans and objectives of management for future operations, as well as statements that include the words such as "expects," "reaffirms," "intends," "anticipates," "plans," "projects," "believes," "seeks," "estimates," "optimistic," or variations of such words and similar expressions, are forward-looking statements. These forward-looking statements are not guarantees of future performance and are subject to risks and uncertainties. Investors are cautioned that actual events or results may differ materially from AngioDynamics' expectations, expressed or implied. Factors that may affect the actual results achieved by AngioDynamics include, without limitation, the scale and scope of the COVID-19 global pandemic, the ability of AngioDynamics to develop its existing and new products, technological advances and patents attained by competitors, infringement of AngioDynamics' technology or assertions that AngioDynamics' technology infringes the technology of third parties, the ability of AngioDynamics to effectively compete against competitors that have substantially greater resources, future actions by the FDA or other regulatory agencies, domestic and foreign health care reforms and government regulations, results of pending or future clinical trials, overall economic conditions (including inflation, labor shortages and supply chain challenges including the cost and availability of raw materials), the results of ongoing litigation, challenges with respect to third-party distributors or joint venture partners or collaborators, the results of sales efforts, the effects of product recalls and product liability claims, changes in key personnel, the ability of AngioDynamics to execute on strategic initiatives, the effects of economic, credit and capital market conditions, general market conditions, market acceptance, foreign currency exchange rate fluctuations, the effects on pricing from group purchasing organizations and competition, the ability of AngioDynamics to obtain regulatory clearances or approval of its products, or to integrate acquired businesses, as well as the risk factors listed from time to time in AngioDynamics' SEC filings, including but not limited to its Annual Report on Form 10-K for the year ended May 31, 2024. AngioDynamics does not assume any obligation to publicly update or revise any forward-looking statements for any reason.











# **3 Year Strategic Transformation**

#### **Drive Portfolio Transformation**

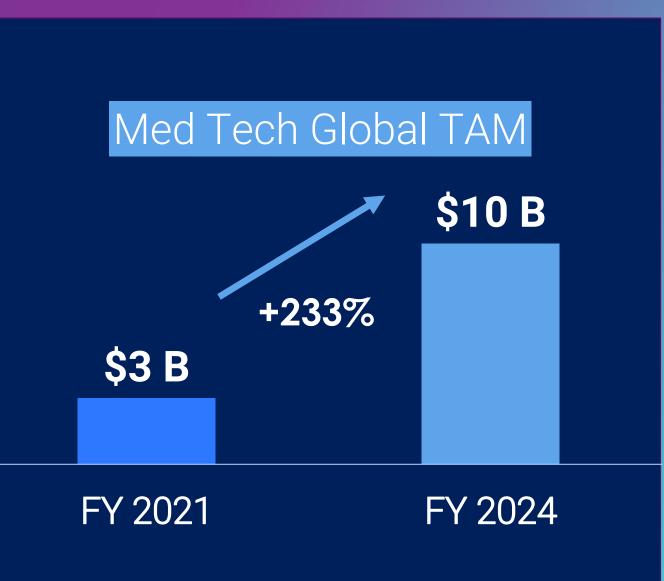
Exited and/or divested certain non-strategic businesses, reallocating resources into differentiated technologies, an expanded and robust R&D pipeline, and investing in clinical data generation while exploring new indications to drive growth opportunities.

#### Improve Financial Profile and Capital Structure

Through strategic business development efforts, we recapitalized our balance sheet and transformed our portfolio to drive future margin expansion and sustained profitable growth.

#### Pursue Larger, Faster Growing Markets

Significantly expanded the scope of our Med Tech portfolio through R&D, M&A, and clinical/regulatory initiatives by entering the mechanical thrombectomy market, capitalizing on the solid PAD market, and building on the under-penetrated prostate focal therapy market.





## AngioDynamics

A leading medical technology company driving sustained growth and profitability through its commitment to expanding treatment options, enhancing patient outcomes, and improving quality of life, with a strategic focus on combating cardiovascular disease and cancer.

Venous Thromboembolism (VTE) \$5.3B US TAM





#### Prostate Care \$2.7B Global TAM (\$780M US)



Peripheral Artery Disease (PAD) \$760M US TAM

AURYON





4



### To Become The Standard Function-Preserving Treatment For Men With Prostate Tumors

An innovative, versatile, hour-long prostate treatment \*1,2

\*Treatment time does not include patient prep, anesthesia initiation or recovery room time. 1-2 See reference page



5,5,5 5,6,6

# The NanoKnife System Is Poised To Change The Standard of Care

#### The First Non-Thermal, Radiation Free Ablation Technology

- The only FDA cleared technology that uses electricity to destroy prostate tissue
- Robust IP Portfolio

#### **Clinical Outcomes Patients and Physicians Need**

- The only technology with an Ablate and Resect Trial<sup>3</sup>

### **Building Momentum and Strong Commercial Viability**

- FDA clearance and CE Mark Approval for prostate tissue

### **Proven Go-To Market Strategy For Developing New Markets**

#### 3 - See reference page



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Over 2,600 patients have been treated under protocol with 32 peer-reviewed studies

IRE CPT 1 codes for prostate and liver approved 9/2024 and effective 01/2026

Comprehensive clinical support, physician education, and patient awareness initiatives Combined with one of the largest dedicated sales and clinical teams within our market









# Prostate Cancer\*

\*The NanoKnife System indications for use vary per region. Please refer to the indications for use for approved use per region



### **Prostate Cancer Is...**





### Prevalent



The most diagnosed male cancer in 112 countries, including the U.S.<sup>4</sup>

> annual diagnoses<sup>5</sup> worldwide

> > annual diagnoses in the U.S.

Aging populations Increasing life expectancy

9-9 The projected rise in prostate cancer cases cannot be prevented by lifestyle changes or public health interventions.

4-6 See reference page



1.50

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### **On The Rise**

### Debilitating

#### **Incidence projected to** double by 2040<sup>4</sup>

-The Lancet Commission on Prostate Cancer: Planning for the Surge in Cases

#### Takes more healthy years from men's lives than any other cancer<sup>6</sup>



Financial

Mental Health

Independence

Family and friends





### Men Only Have Two Standard Options For Treatment Radical surgery or external beam radiation therapy

25%

Localized prostate cancer <sup>8</sup> typically grows **slowly** and may take 10 to 20 years to become life-threatening...

But multiple tumors normally exist within the prostate and the standard of care is to treat the entire prostate.

7-9 See reference page† AngioDynamics Internal Estimates



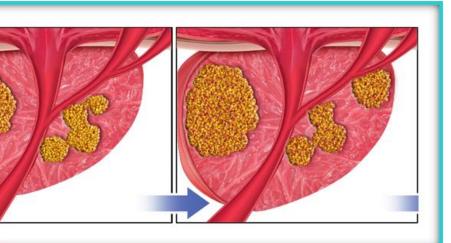
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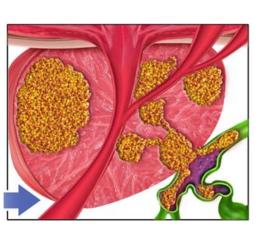
Low Risk

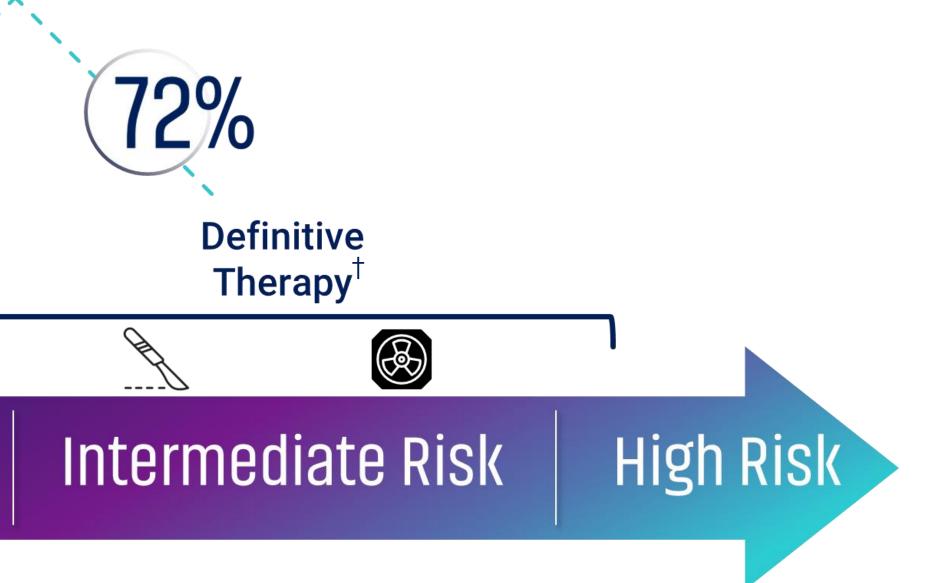
Active

**Surveillance**<sup>†</sup>

# **90%** Of men are diagnosed with localized disease<sup>7</sup>











### The Standard of Care Forces Men to Compromise Between Their Quality of Life or Controlling Their Cancer

#### Active Surveillance



Of patients will avoid treatment, but this group will have more clinical progression, metastases, and androgen-deprivation therapy initiation when compared with patients who undergo definitive therapy<sup>10</sup>

Treatment-free survival rates at:



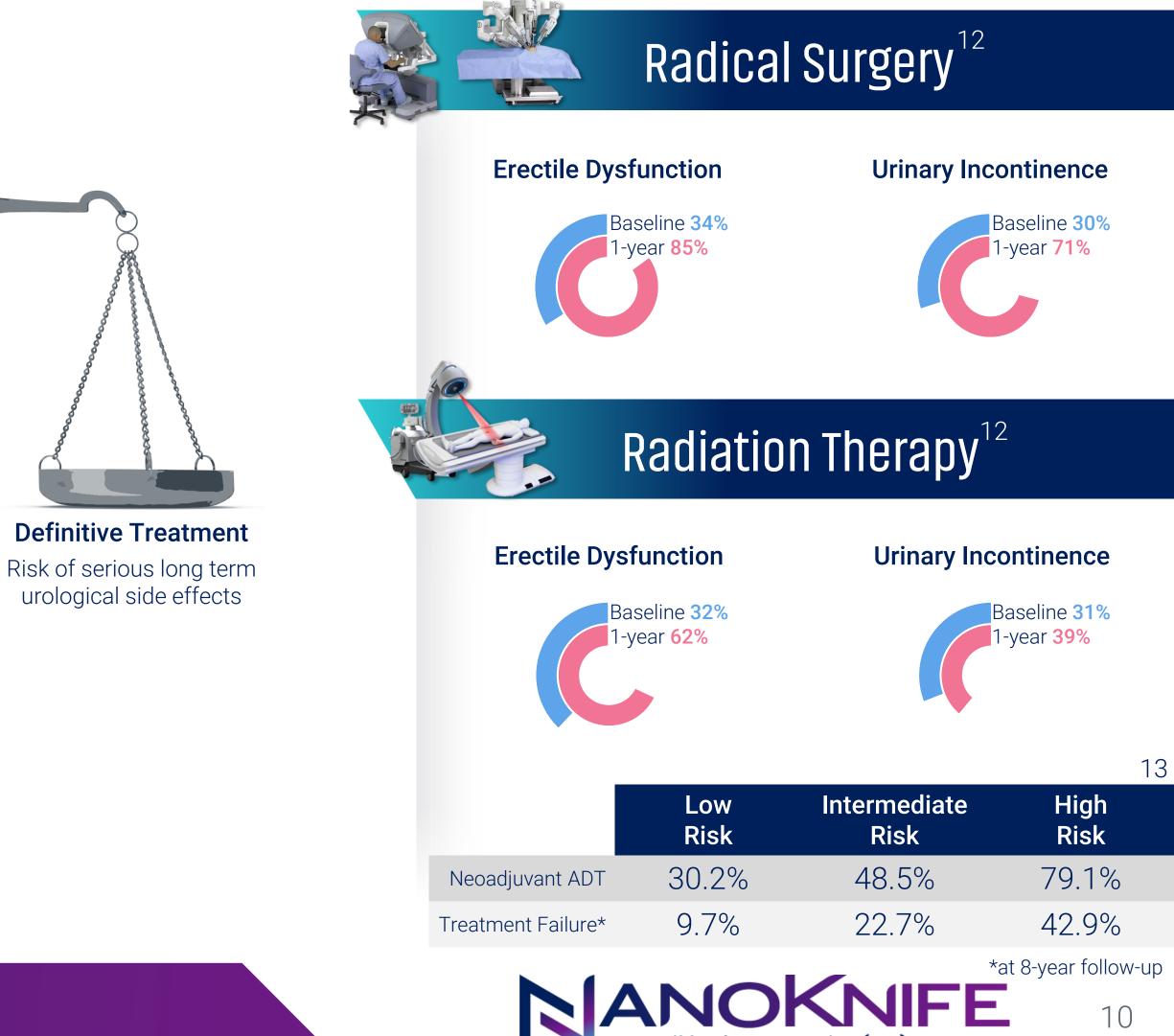


**Active Surveillance** Possibility of cancer progression

10-13 See reference page



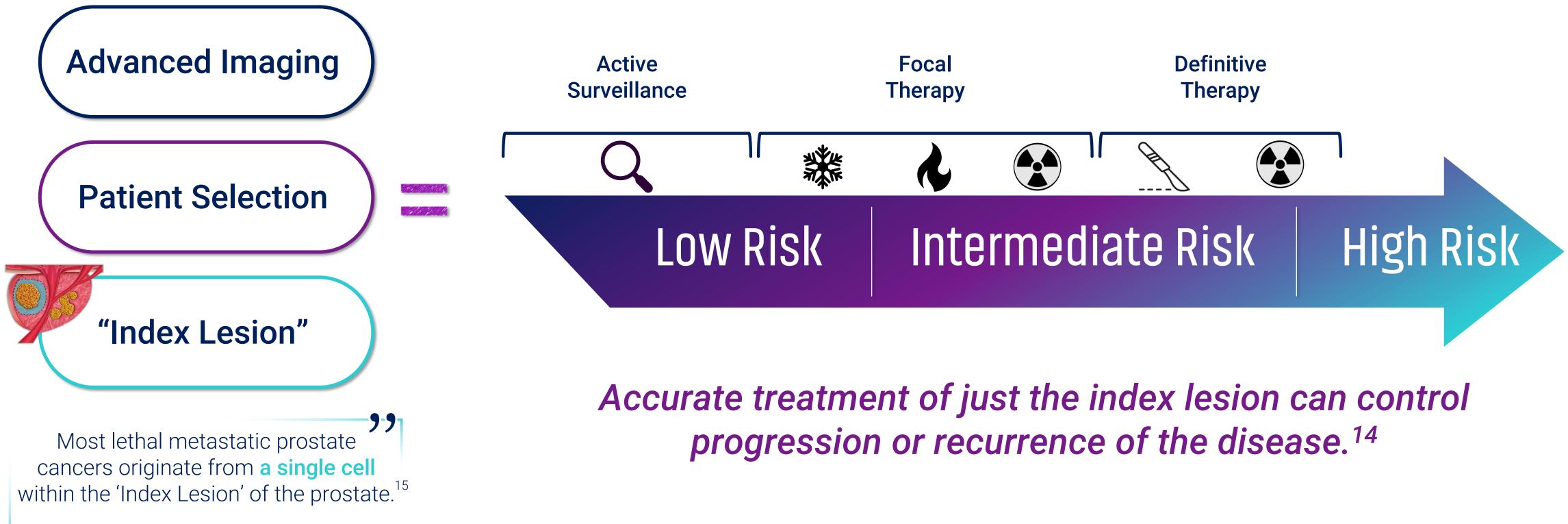
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# Focal Therapy is a Middle Ground Treatment Option

Which aims to destroy the index lesion while preserving the natural anatomy, continence and erectile function<sup>14</sup>



14-15 See reference page

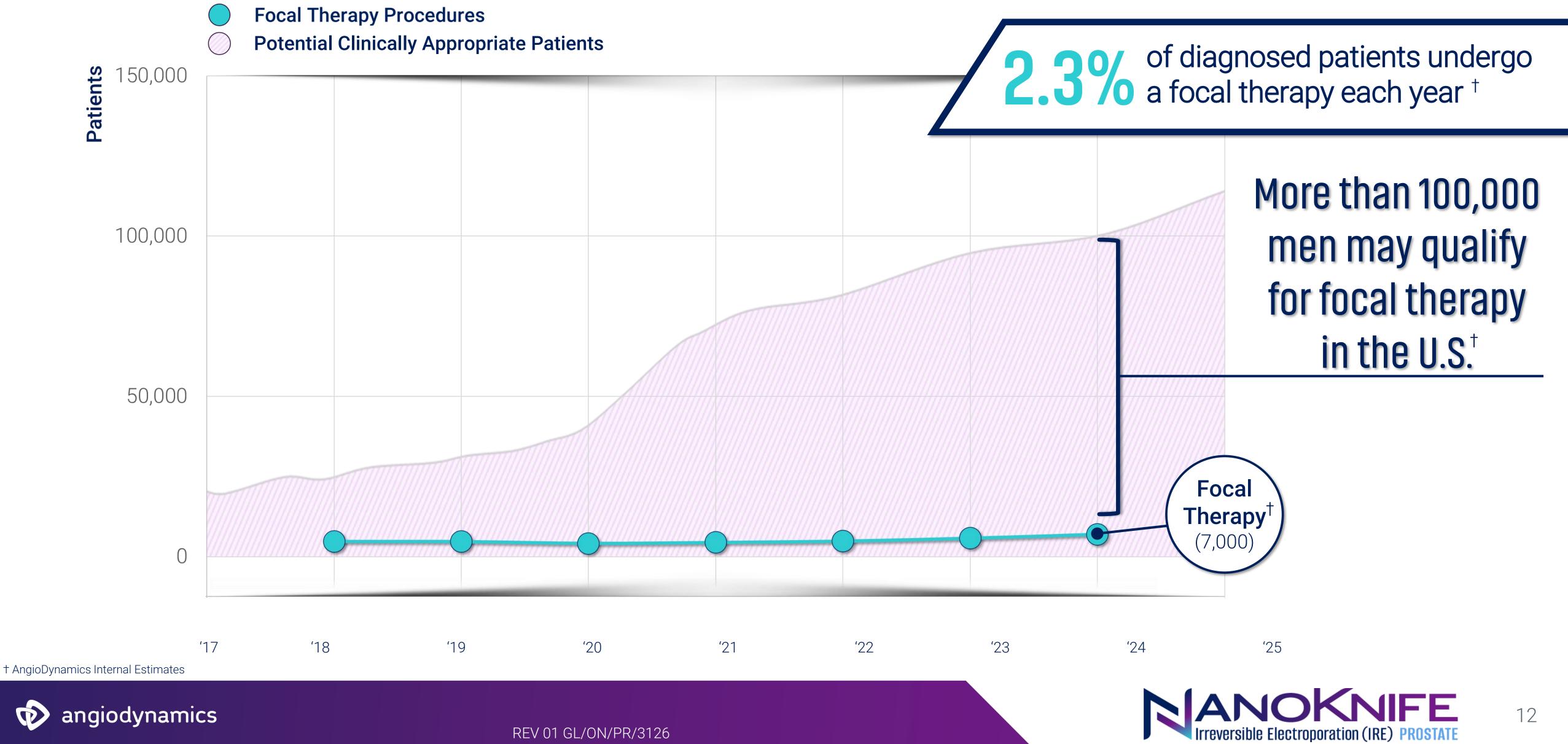


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11

# **Despite Patient Benefit, Focal Therapy Lacks Adoption**

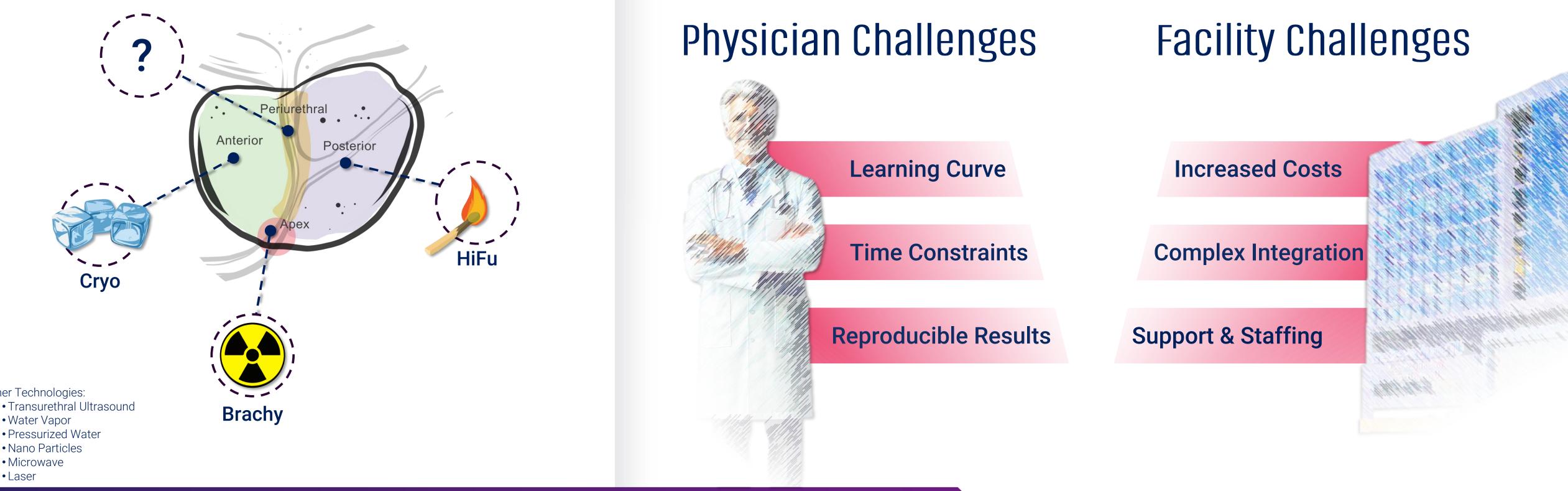




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## A Fragmented Market Reduces Access For Patients

Today, focal therapy options are only ideal for a specific segment of the prostate.



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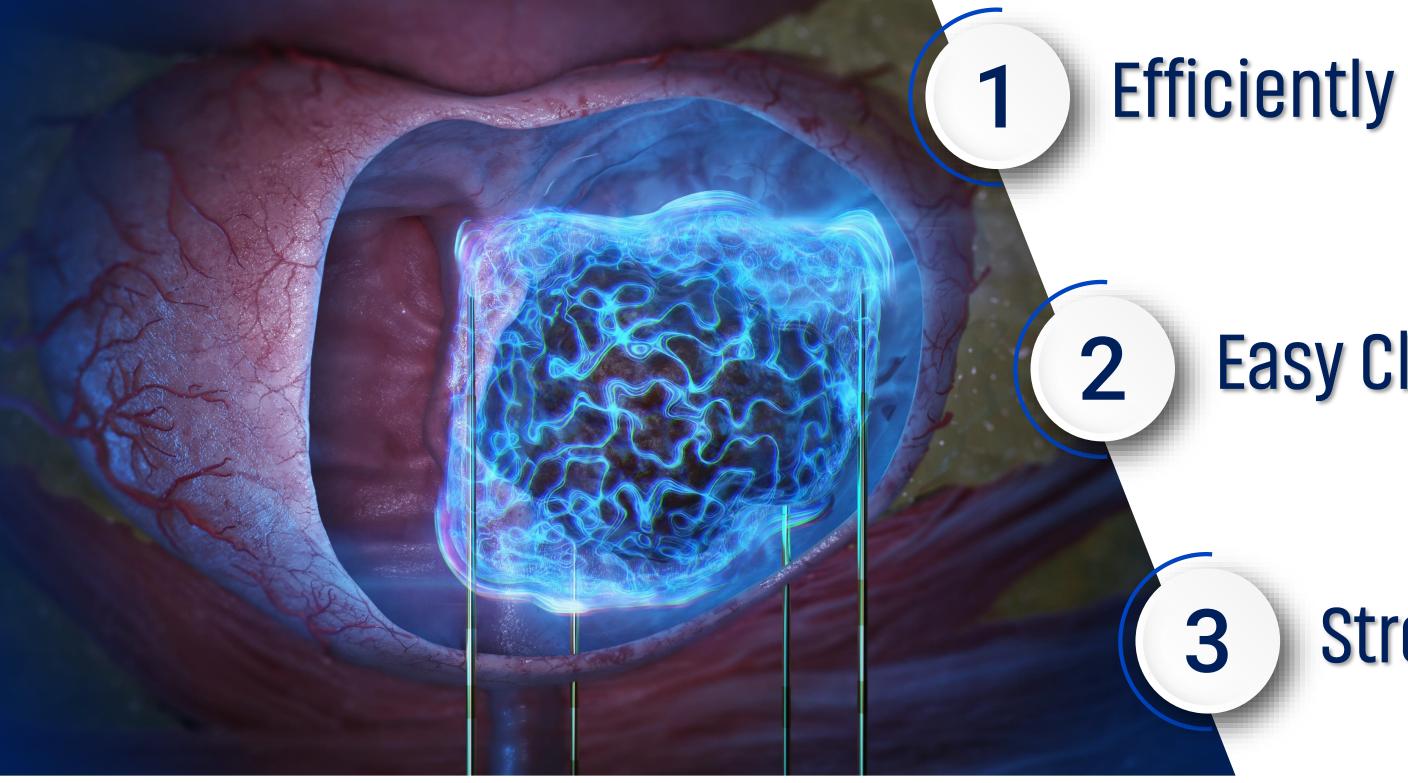
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A piecemeal approach to focal therapy is prohibitive to broader physician adoption and limits patients' access to care.





### The NanoKnife System Is The Only All-In-One Solution That Can Enable Broad Physician Adoption And Improved Care For Patients



1-3, 16-18 See reference page



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### Efficiently Treat All Segments Of The Prostate<sup>1,2</sup>

### **Easy Clinical Integration**<sup>1,16</sup>

1,3,17,18,19 Strong Clinical Outcomes





14



# **One-Of-A-Kind Technology**

## The NanoKnife System Resources



### NanoKnife System Prostate Procedure Animation



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### NanoKnife System Mechanism of Action Animation





# The NanoKnife System Is The Only Irreversible Electroporation (IRE) Device Cleared For Prostate Tissue

**IRE selectively targets** cell membranes<sup>20</sup>

Sufficient voltage permanently opens the ion channels of the cell<sup>20</sup>

20 – See reference page



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### Non-ionizing Non-thermal

**Cell loses homeostasis** leading to cell death<sup>20</sup>

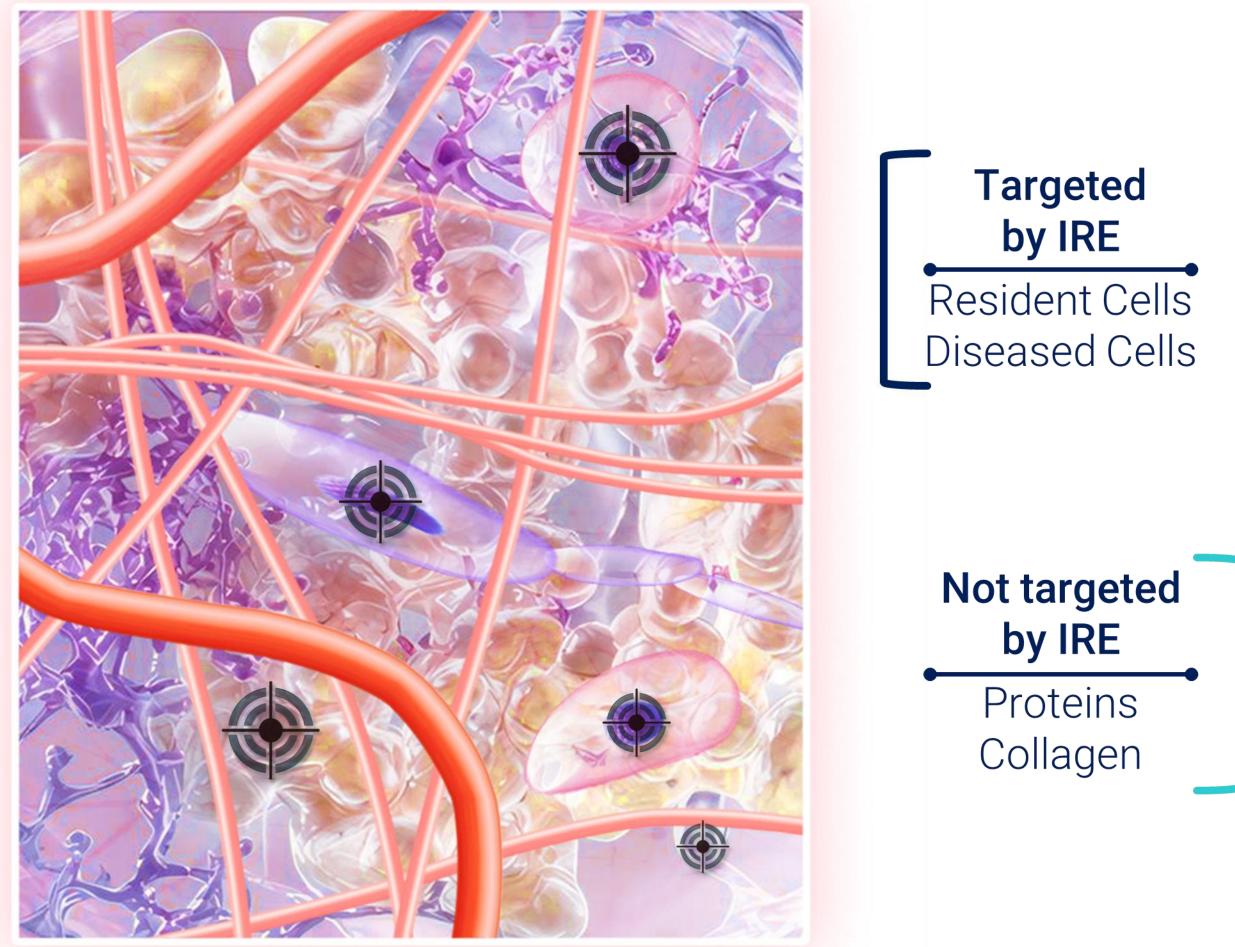






17

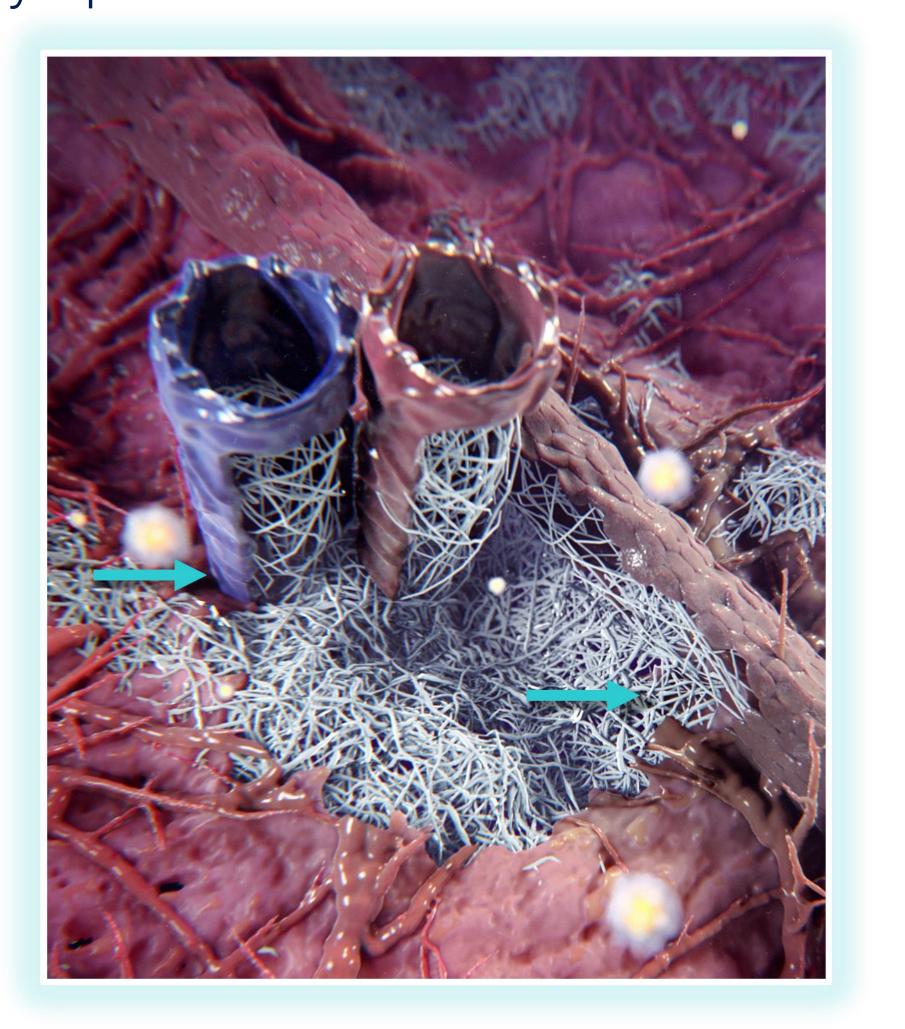
### **IRE Allows Preservation of The Underlying Tissue Structure** And Aims to Preserve the Nerves, Urethra, and Urinary Sphincters<sup>21,22</sup>



21,22 - See reference page



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# Backed by Real World Experience and Compelling Clinical Evidence

## FDA Guidance Paves The Way For the NanoKnife System's Innovation

### In Prostate Tissue Ablation



The NanoKnife System with six outputs is indicated for surgical ablation of soft tissue.

Indication before PRESERVE Trial

International Prostate Data 32 publications 2,642 patients

Efficiently Treat All Segments Of The Prostate <sup>1,2</sup>

- Easy Clinical Integration 1,16
- Strong Clinical Outcomes<sup>1,3,17,18,19</sup>

1-3. 16,19 See reference page

3



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\*Clinical studies should establish a technologies ability to:

### Effectively ablate targeted prostate tissue

#### **Regulatory Clarity Encourages Innovation Prioritizes Patient Safety**

### Minimize damage to surrounding areas

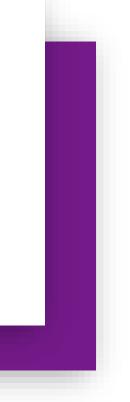
\*For detailed information, refer to the FDA's guidance document titled "Clinical Investigations for Prostate Tissue Ablation Devices."















# Validating International Data In A U.S. Population

# PRESERVE

Pivotal study of the NanoKnife System for ablation of prostate tissue in patients with intermediate-risk prostate cancer





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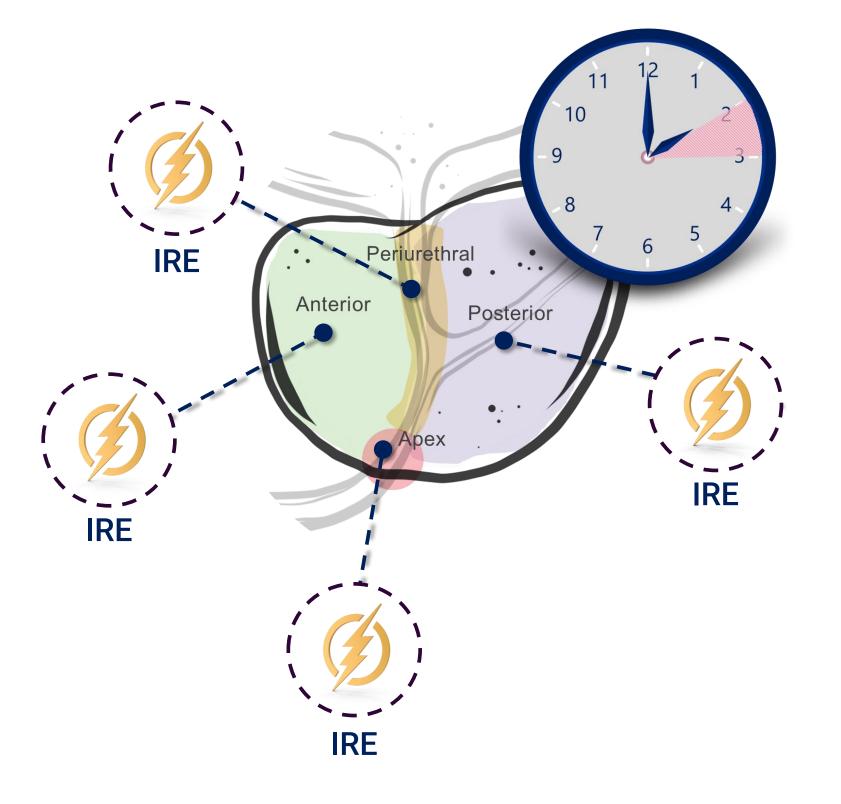
**Prospective Biopsy Monitored Cohort** Collaboration with the SUO-CTC 17 U.S. sites 121 patients 12-Months Follow Up





# The NanoKnife System's Versatility and Efficiency Set It Apart

### Efficiently Treat All Segments Of The Prostate<sup>1,2</sup>



\*Treatment time does not include patient prep, anesthesia initiation or recovery room time. 1,2 – See reference page



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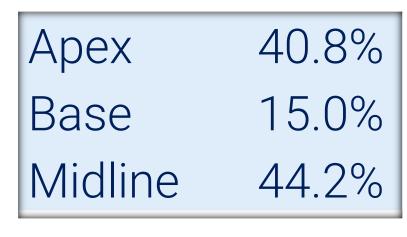
CONFIRMED

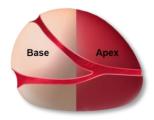
The PRESERVE Study Experience

### Location of Lesions Treated

41.7% Anterior Posterior 58.3%







### **Procedural Information**

Mean Procedure Time Mean # of Electrodes

54.1 Minutes 4.3

(Q) (Q)

 $\bigcirc$ 

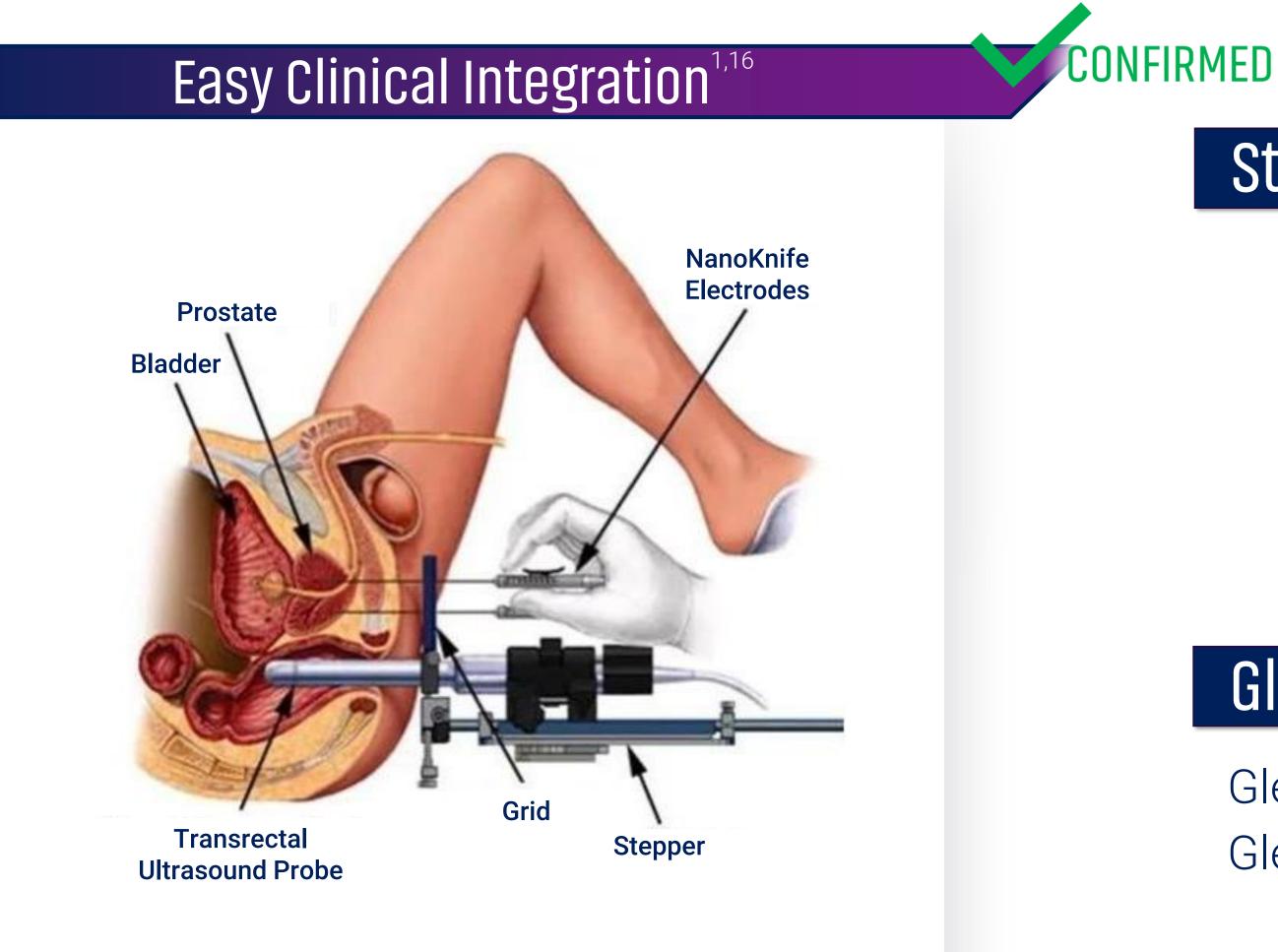






# Integrating The NanoKnife System Is Straightforward

The Treatment Utilizes Existing Imaging and Biopsy Skills



1,16 – See reference page



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The PRESERVE Study Experience

### Study Size

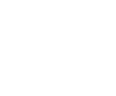
Subjects121Clinical Sites17IRE-naïve Sites14

### **Gleason Score**

Gleason 3+4 Gleason 4+3 80.2% 19.8%

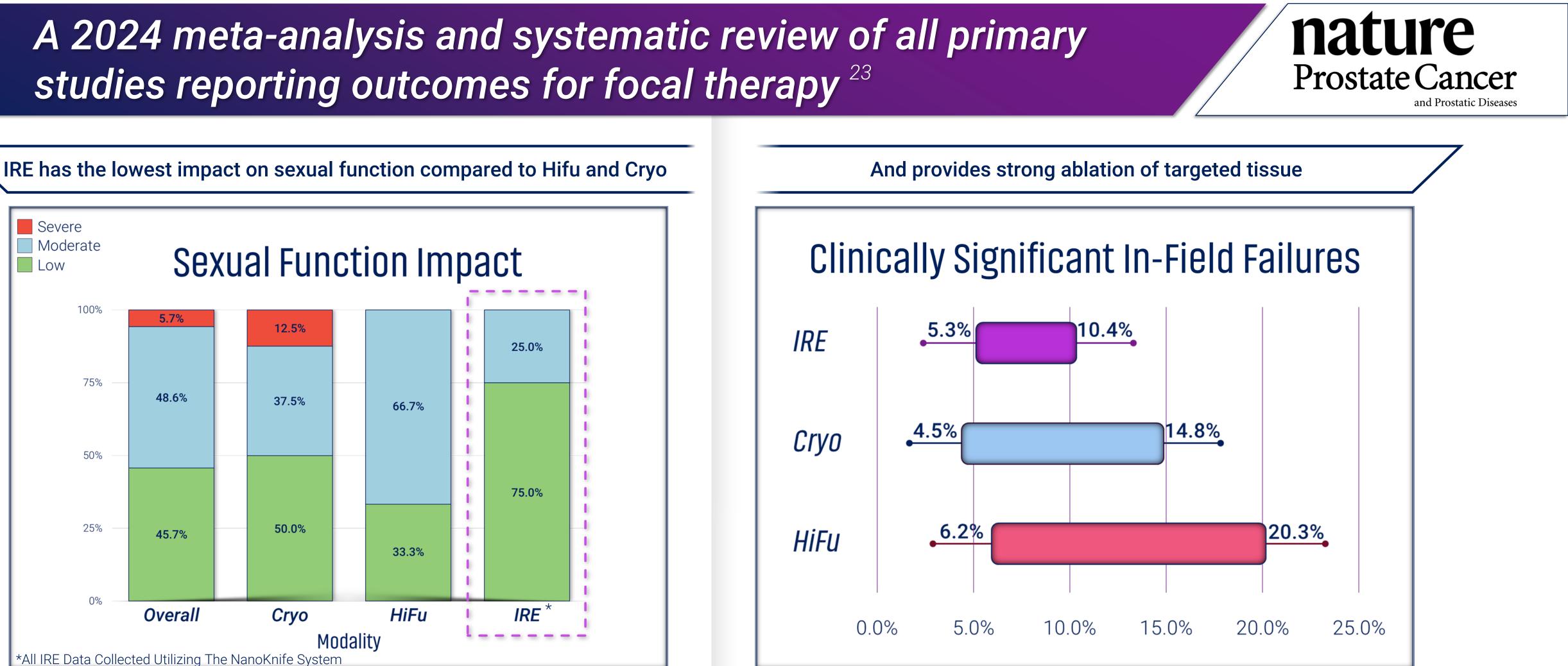


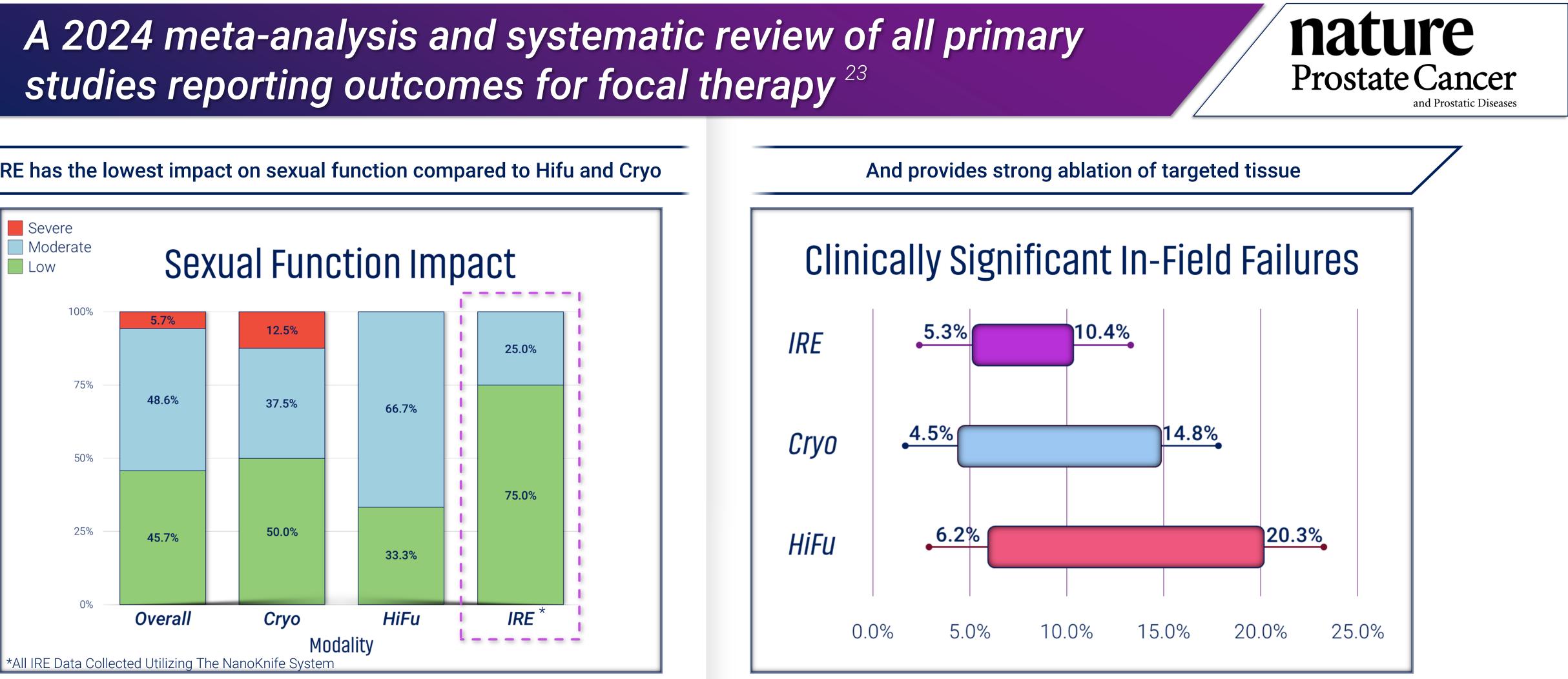






# The NanoKnife System Provides Strong Clinical Outcomes





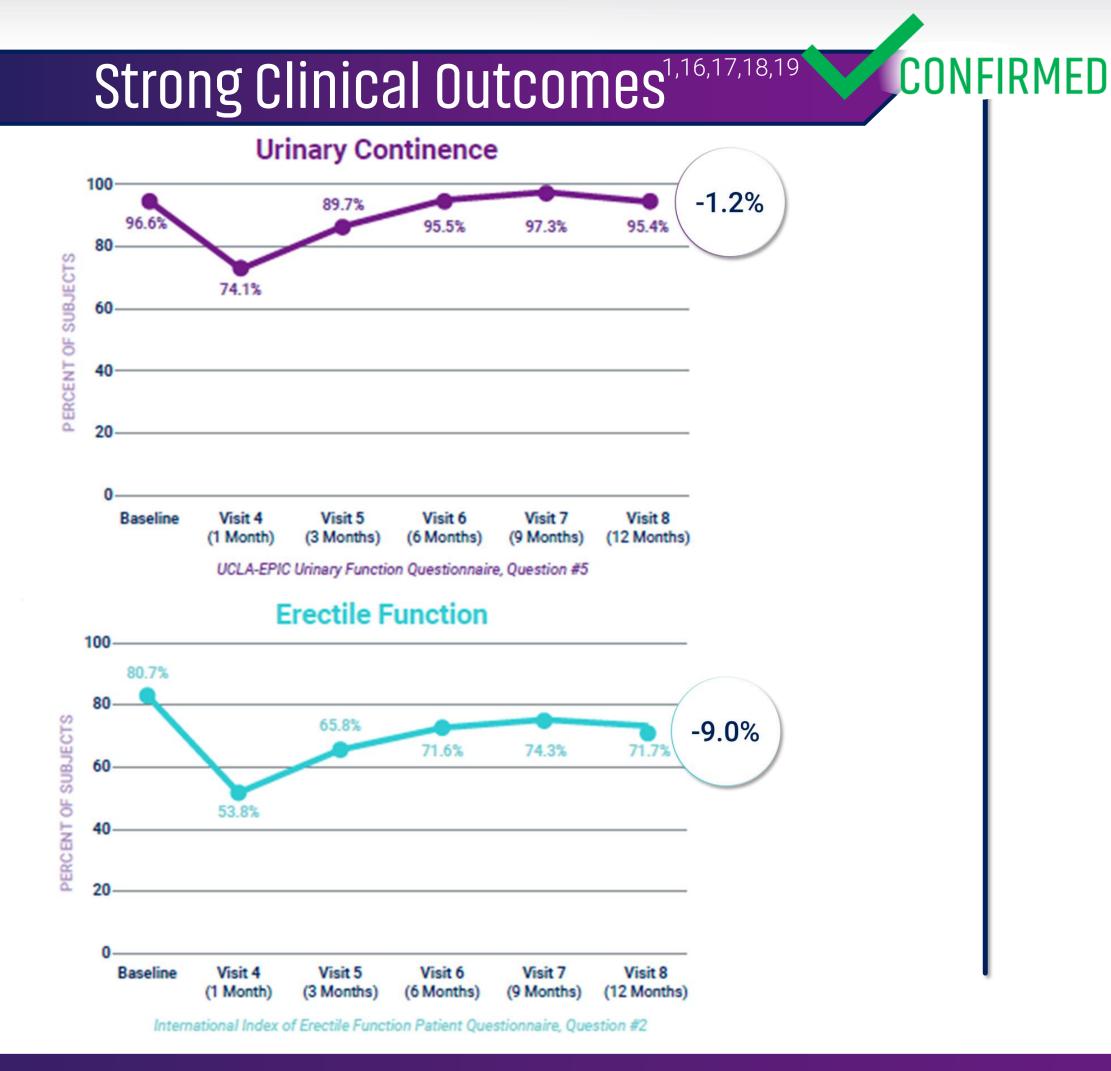
23 – See reference page

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### **DRESERVE PIVOTAL STUDY** U.S. Experience Confirms Strong International Data



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#### **Median PSA**

12 Months	2.1				
Baseline				5	.8
1	2	3	4	5	

#### Efficacy & Safety Outcomes

#### In-Field Control\*\*\*

84%

\*Clinically Significant Disease (95% CI)
\*\*Rate of negative in-field biopsy at 12 months ≤ 3 mm of Gleason ≤ 6 disease in any biopsy core is insignificant

#### **Device Related SAEs**

4/121 (3.3%)

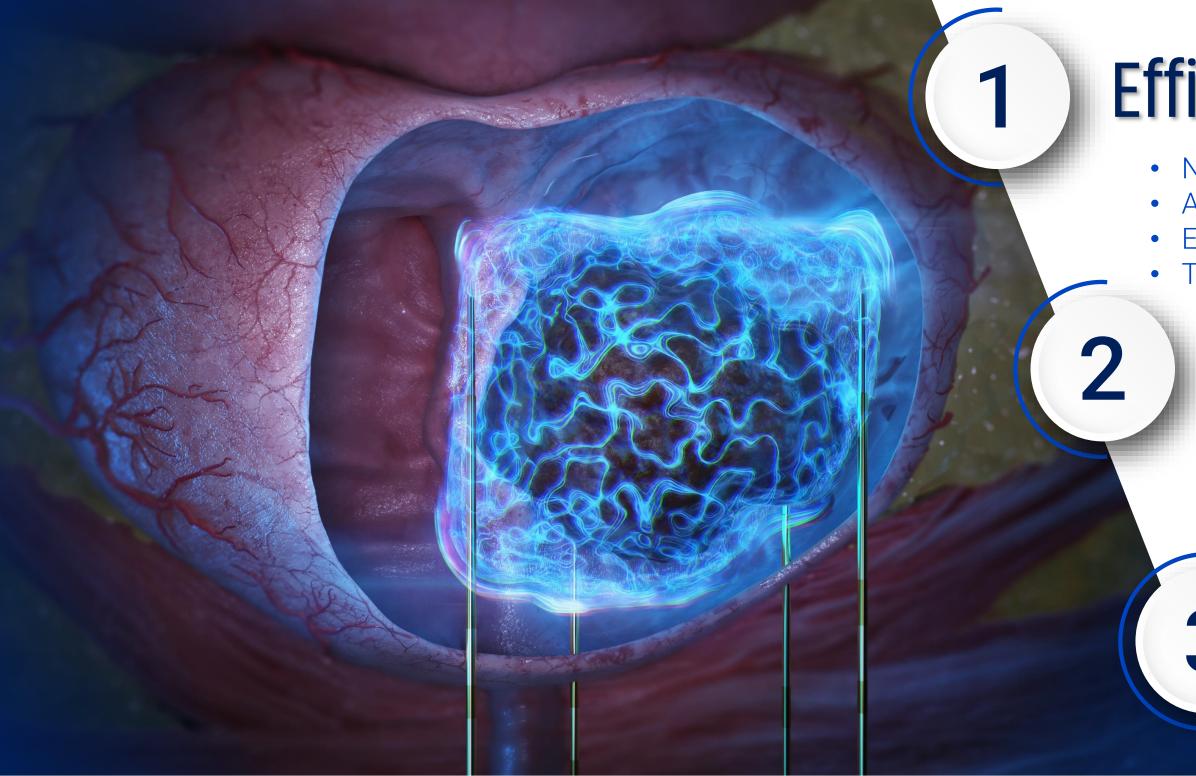
1/121 = Grade 2 (Outcome 3 = Recovered/resolved)
3/121 = Grade 3 (Outcome 3 = Recovered/resolved)

\*Data on file – Pivotal Study of the NanoKnife System for the Ablation of Prostate Tissue (PRESERVE)





### The NanoKnife System Is The Only All-In-One Solution That Can Enable Broad Physician Adoption And Improved Care For Patients



\*Treatment time does not include patient prep, anesthesia initiation or recovery room time 1-3, 16-19 See reference page



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### **Efficiently Treat All Segments Of The Prostate**<sup>1,2</sup>

• Not limited by gland size, tumor location, or calcifications • Able to ablate across the urethra, nerves, and urinary sphincters • Enables physicians to build expertise in a single technology • Typically, an hour procedure\*

### **Easy Clinical Integration**<sup>1,16</sup>

- High level of experience with needle-based procedures
- Uses existing imaging and biopsy skills

# 2

### **Strong Clinical Outcomes**<sup>1,3,17,18,19</sup>

- Reliable ablations with no skip lesions or heat sink
- Increased margin expansion without negatively impacting erectile or urinary function
- Does not restrict future treatment options











# **Commercial Opportunity**

## Powering Growth: A Proven Recurring Revenue Model

### Recurring Revenue

Single-Use Disposable Electrodes (2-6 per procedure)

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### Capital Equipment

Hardware Software Accessories







## Prostate Cancer Represents A Large Global Market

# \$2.7B Opportunity

**Key Market Penetration Tactics** 

**1** Regulatory Approvals

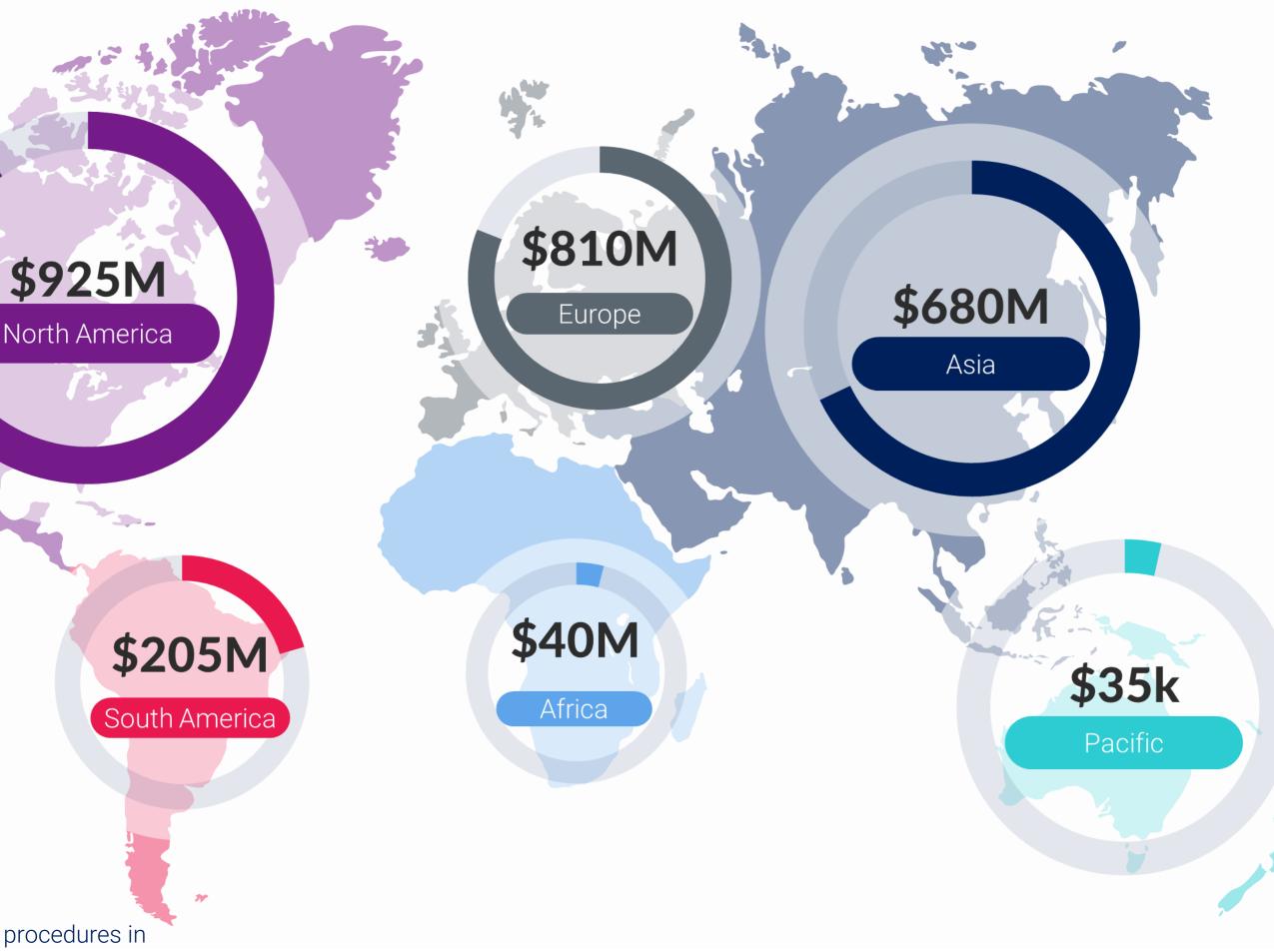


**3** Strong Go-To Market Strategy

\*Based on potential procedures in countries with active NanoKnife users.

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NANOKNIFE Irreversible Electroporation (IRE) PROSTATE



### Broad Regulatory Approvals/Clearances Unlock A Global Opportunity



The NanoKnife System with six outputs is indicated for surgical ablation of soft tissue, including prostate tissue.

#### PRESERVE

Pivotal Study of the NanoKnife System for the ablation of prostate tissue in patients with Intermediate-Risk Prostate Cancer



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The NanoKnife System is indicated for the ablation of prostate tissue in patients with intermediate risk prostate cancer.

#### **MDR Submission**

32 publications across 2,642 patients





# **Fueling Growth Through Reimbursement And Economic Value**







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IRE included in the Medicare Fee Schedules for ASC and Hosp Outpatient settings effective 01/2021

**WIRED Trial**: Designed to be a prospective, non-randomized study in 100 subjects treated at up to 5 clinical sites.

**PART Trial (RCT)** comparing the effectiveness of partial prostate ablation vs radical prostatectomy across 800 patients.

Prostate Cancer IRE Study (PRIS): A randomized controlled trial comparing focal therapy to radical treatment in localized prostate cancer – evaluating functional and oncological outcomes + an economic evaluation of each technique.

**ENFORCE Trial** – A Dutch government sponsored and funded **RCT** that includes the NanoKnife System for prostate treatment.

Included in the Beijing medical insurance catalog: patients can be reimbursed 85% of the cost of the surgery and electrodes,







# **Building Markets With Patient Outreach and Physician Education**

#### **Direct Sales & Partnerships**

+ Enhanced Customer Relationships Improved Product Utilization Market Agility









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#### **Patient Awareness**

9-9-There is an increasing trend toward using the internet as the first source of health information compared to family/friends/coworkers, health care professionals, and traditional media. -US Health Information National Trends Survey



### **Physician Education**



#### **Master Course and Life Symposium**







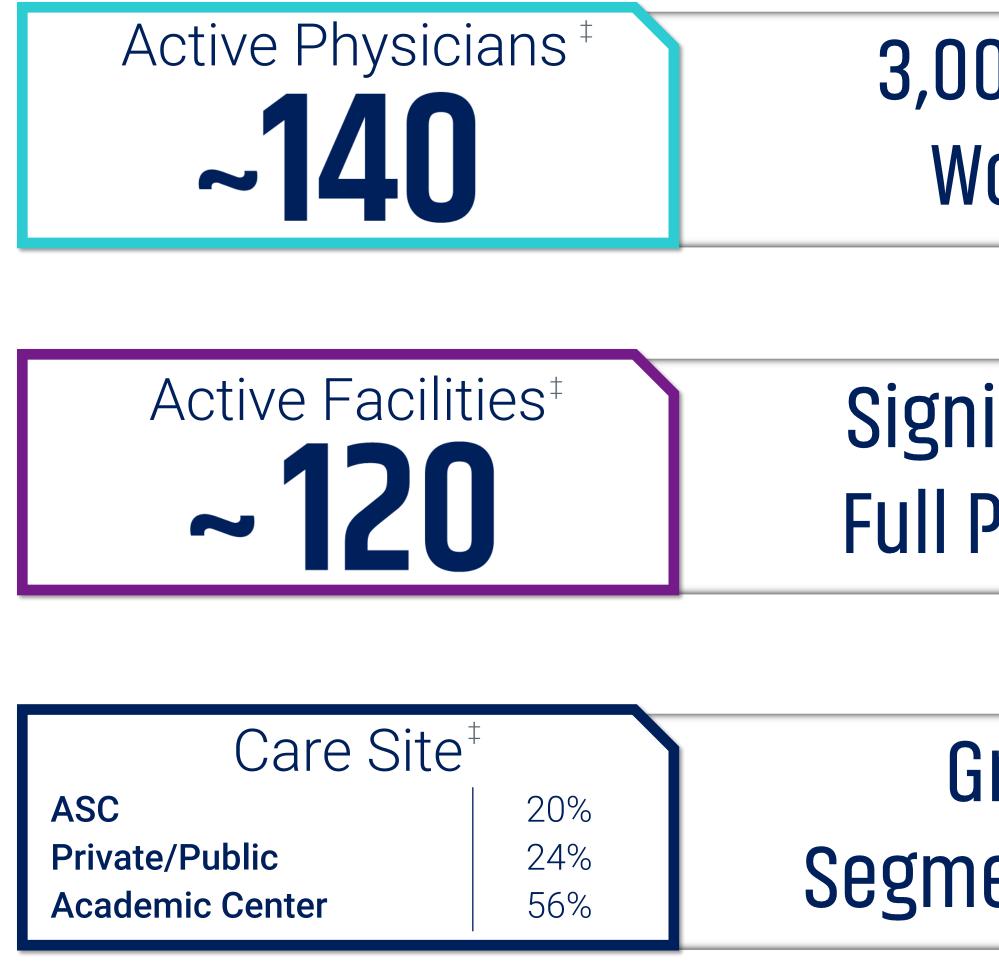






# **U.S. Snapshot: Strong Foundation of Customer Advocates**

Active Sites at the End of Q2 2024 Create a Strong Opportunity for Growth in the Future **Physician** 



‡ Internal AngioDynamics Data As of Q2 2024

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- 3,000 Target Urologist Working In The U.S.
- Significant Upside Upon **Full Program Integration**
- **Procedural Adoption**

Acquisition

**Growth Across All** Segments Of Urologic Care





# Accelerating Innovation & Market Leadership

- Large and growing addressable market
- Innovative, versatile, ~hour-long prostate treatment\*
- Addresses an unmet need for physicians, their facility, and their patients
- Backed by strong clinical evidence
- Upcoming Category 1 Payment effective 01/2026
- Strong revenue model built for growth
- Commercial team capable of developing new markets through education

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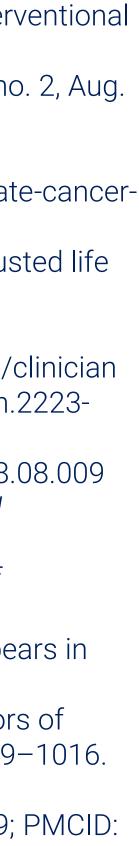
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# Indications for Use

#### Statements

The NanoKnife System must be operated by properly qualified personnel only. Caution: Federal (USA) law restricts the use of the system by or on the order of a physician. Refer to Directions for Use and/or User Manual provided with the product for complete Instructions, Warnings, Precautions, Possible Adverse Effects and Contraindications prior to use of the product.

#### **Indications for Use**

**US:** The NanoKnife System with six outputs is indicated for surgical ablation of soft tissue, including prostate tissue.

Canada: The NanoKnife System is a medical device for cell membrane electroporation. Electroporation is a phenomenon that occurs in cell membranes as cells are exposed to an electrical field of sufficiently high intensity. The electric field acts as a physical stimulus, bringing about alterations in cell membranes that result in increased permeability.

EU: The NanoKnife System is indicated for the ablation of prostate tissue in patients with intermediate risk prostate cancer.

#### **Contraindications:**

Ablation procedures using the NanoKnife System are contraindicated in the following cases:

Ablation of lesions in the thoracic area in the presence of implanted cardiac pacemakers or defibrillators

Ablation of lesions in the vicinity of implanted electronic devices or implanted devices with metal parts.

Ablation of lesions of the eyes, including the eyelids.

Patient history of Epilepsy or Cardiac Arrhythmia

Recent history of Myocardial Infarction.

#### Warnings:

EU Only: The NanoKnife device has been evaluated for the ablation of prostate tissue in patients with intermediate risk prostate cancer. The use of this device in other organs for other disease states has not been fully evaluated. Clinical Issues (including Arrhythmia, Hypertension, and Thrombus Risks)

Patients with Q-T intervals greater than 500 ms (milliseconds) are at an increased risk for inappropriate energy delivery and arrhythmia. Verification of proper function of a synchronization device before initiating energy delivery is essential in these patients. Asynchronous energy delivery (90 PPM (Pulses Per Minute)) might trigger atrial or ventricular fibrillation, especially in patients with structural heart disease. Ensure that proper interventions (e.g. defibrillator) and appropriately trained personnel are readily available for dealing with potential cardiac arrhythmias.

Using QRS synchronization devices whose output is not compatible with the specifications listed in this manual may result in arrhythmias including ventricular fibrillation. Adequate precautions should be taken for patients with implantable electrical devices. Note the contraindication in certain patients.

There are potential risks associated with the location of the ablation: near the pericardium (tachycardia), or near the vagus nerve (bradycardia). Additional patients may be at risk with insufficient muscle blockade or anesthetic analgesia (reflex tachycardia and reflex hypertension); patients with abnormal sinus rhythm prior to an ablation (arrhythmia); patients with a history of hypertension); or patients with partial portal venous thrombosis, low central venous pressure (CVP), and a prothrombotic condition (venous thrombosis).

#### Use of Electrodes:

Avoid repeated vascular insult during electrode placement.

As anticipated with a needle-related procedure, repeated vascular insult due to multiple insertions into a vessel by an electrode during electrode placement may cause thrombus. Ensure continuous image guidance during the needle placements. Failure to do so can lead to traumatic injury to surrounding structures. Care should be taken during electrode placement in areas that require tissue be separated or retracted to avoid surrounding tissue damage. To avoid risks of infection, always maintain the electrodes' protective packaging (cap, tubes, etc.) when the electrodes are not placed in the patient. Only electrode probes with intact electrical insulation must be used. Any electrodes with damaged electrical insulation must be discarded immediately and not connected to the NanoKnife Generator. To preserve the electrode's sterility do not remove the electrodes from the packaging until the User is ready to apply the electrode to the patient Do not use the electrodes after the expiration date printed on their packaging. Observe the electrodes manufacturer's specific instructions (e.g., printed on the electrodes' packaging). Only use AngioDynamics Electrode Probes with the NanoKnife System Generator.

Maintain electrical separation of the electrodes from safety ground by doing the following

Disconnect any electrode from the Generator that is not applied to the patient

Avoid any clamping of the electrode's cable, unless explicitly instructed or authorized by the electrode's manufacturer.

Do not connect any devices (e.g., measurement) to the electrodes unless they have been supplied by and specifically indicated for such a use by the manufacturer.



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## Indications for Use

#### **Use of Generator (including Electrocution Hazard)**

No modification of this equipment is allowed.

To avoid risk of electric shock, this equipment must only be connected to a supply mains with protective earth.

The Generator internally produces voltages that are dangerous and may be fatal. The Generator does not contain parts serviceable by the User, and should not be opened.

Do not use the Generator in the presence of flammable or explosive gas mixtures.

For electrical safety, the Generator needs grounding. Use only medical grade main power supply cords, e.g., those supplied by the manufacturer.

Before plugging the Generator to the main, ensure that the main power cords are not damaged. Replace them if any damage is noticed – main cords cannot be repaired.

Do not connect or disconnect the Generator from the main power cord with wet hands.

Confirm that the main power cord will be connected to a properly grounded electrical outlet.

Whenever necessary, replace Generator fuses only with fuses specified in this manual.

Maintenance should be carried out only by trained personnel. The Generator must undergo periodic preventative maintenance as specified in the Maintenance and Service.

The NanoKnife User Manual is a fundamental part of the Generator and should always accompany it. Users must refer to this manual for correct and complete information on the use of the Generator.

#### Potential Adverse Effects (Rest of world):

Adverse effects that may be associated with the use of the NanoKnife system include, but are not limited to the following: Arrhythmia Atrial fibrillation or flutter Bigeminy Bradycardia Heart block or atrioventricular block Paroxysmal supraventricular tachycardia Tachycardia Reflex tachycardia Ventricular tachycardia Ventricular fibrillation Damage to critical anatomical structure (nerve, vessel, and/or duct) Dysuria Epididymitis Erectile Dysfunction Fistula formation Haematuria Hematoma Hemorrhage Hemothorax Infection Pneumothorax Prostatitis Reflex Hypertension Unintended mechanical perforation Urethral sludge Urethral stricture Urinary incontinence Urinary retention Urosepsis

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angiodynamics

Vagal Stimulation, asystole

Venous Thrombosis

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#### Potential Adverse Effects (US)

Adverse effects that may be associated with the use of the NanoKnife system include, but are not limited to the following:

- Abdominal Pain
- Arrhythmia
  - Atrial fibrillation or flutter
  - o Bigeminy
  - o Bradycardia
  - Heart block or atrioventricular block
  - Paroxysmal supraventricular tachycardia
    - Reflex tachycardia
    - Ventricular tachycardia
  - Ventricular fibrillation
- Bladder spasm
- Damage to critical anatomical structure (nerve, vessel, and/or duct)
- Fistula Formation
- Hematoma
- Hemorrhage
- Hemothorax
- Infection
- Pneumothorax
- Reflex Hypertension
- Unintended mechanical perforation
- Urinary retention
- Vagal stimulation, asystole
- Venous thrombosis



