

 **Dyna**TRIM

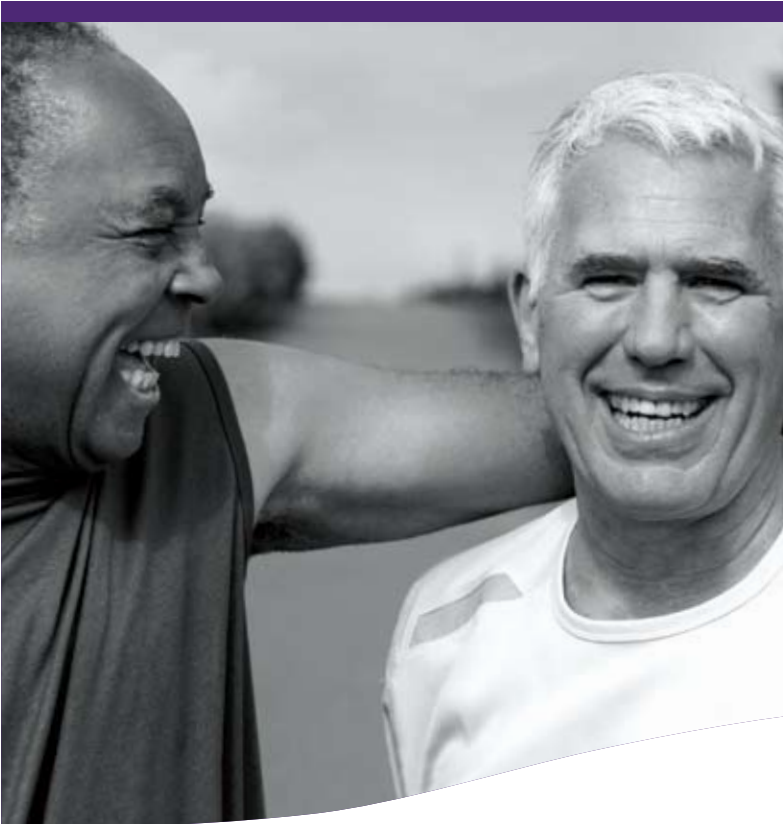


better images mean better results



 **Invivo**

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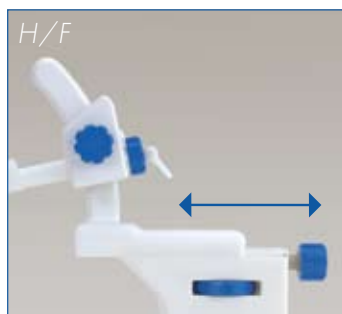
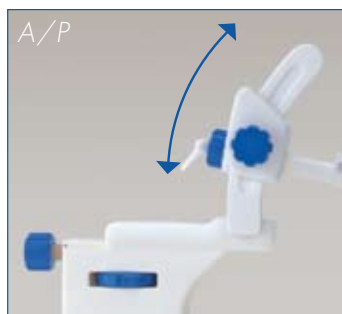
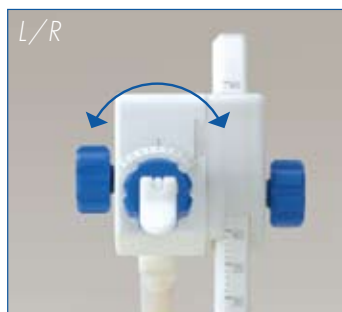
Welcome to a new and better way  
for YOU and YOUR patient

Welcome to

**DynaTRIM**

brought to you by **Invivo**

*DynaTRIM moves in multiple directions for precise adjustments*



DynaTRIM is a first-of-its-kind fully MRI-compatible interventional device for Trans-Rectal Interventional MRI of the prostate gland. It is a removable device that is designed to affix to an imaging table with an open design that allows for flexibility in coil choice and a cleanable foam pad for extra patient comfort.

DynaTRIM:

- Easy to use
- Easy to clean
- Reusable with sterile disposables for each procedure/patient
- Extensive clinical testing performed
- Designed for Invivo needle sleeves and fully automatic biopsy guns

DynaTRIM is comprised of three elegantly simple components:

- Baseplate
- Clampstand
- Sterile, single-use, disposable needle sleeve

DynaTRIM biopsy kit includes:

- Sterile, contrast media-filled, disposable needle sleeve with adapter
- Fully automatic, MRI-compatible 18g biopsy guns in two lengths
- 150mm and 175mm lengths to access difficult targets with ease
- Phantom and phantom/coil holder

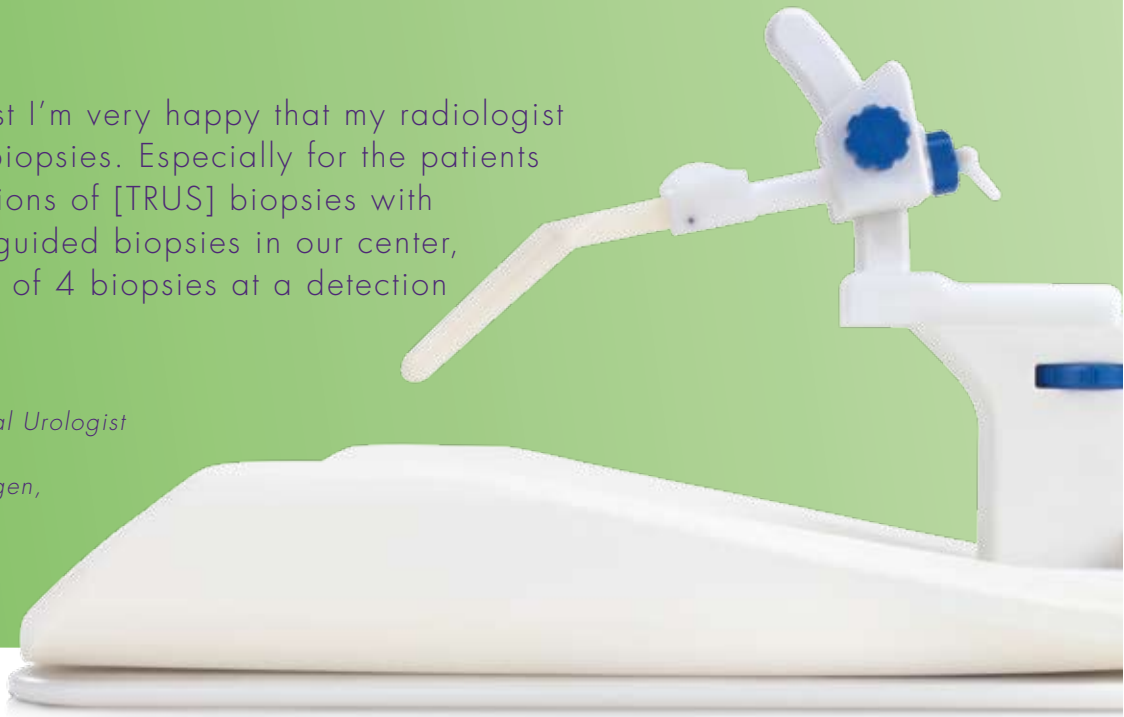


DynaTRIM biopsy needle:

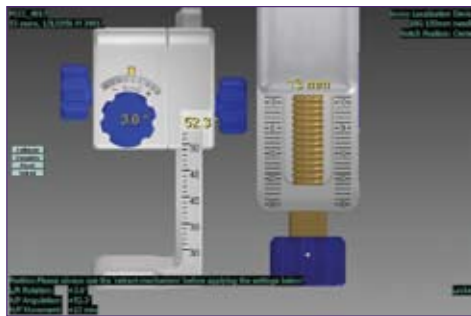
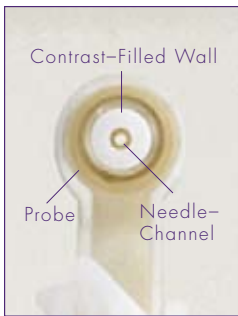
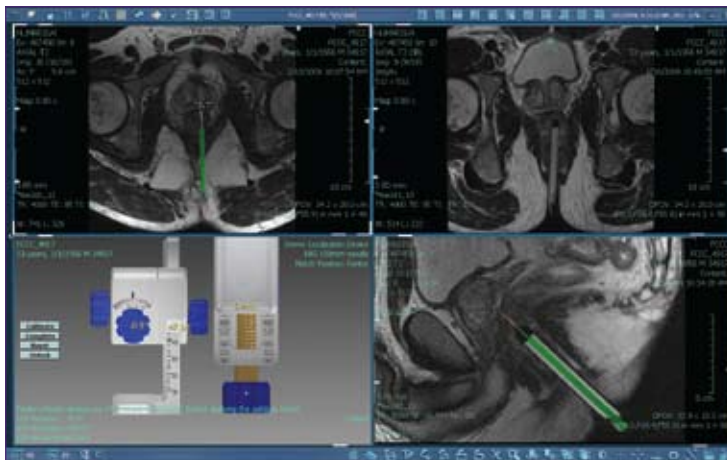
- Standard size 18g biopsy needle
- Notch for the tissue sample is 17mm in length
- Single needle acquires all the samples for a patient's biopsy

"As an oncological urologist I'm very happy that my radiologist is able to do MRI-guided biopsies. Especially for the patients that have had several sessions of [TRUS] biopsies with negative results, with MRI-guided biopsies in our center, they only need a maximum of 4 biopsies at a detection rate of 59%."

**Dr. Inge van Oort**, *Oncological Urologist*  
 Department of Urology  
 University Medical Center Nijmegen,  
 The Netherlands



DynaTRIM Device



*DynaCAD for Prostate offers DynaLOC, the planning software that streamlines interventional procedure workflow*

DynaTRIM combined with DynaCAD for Prostate planning software allows for fast, simple, reproducible targeting.

To plan a biopsy, the suspicious area is identified on the previous diagnostic MRI study and additional anatomic landmarks are noted:

- The patient lies prone on the coil of your choice and the needle sleeve is inserted into the rectum and attached to the clamp stand, following digital rectal exam
- MR images of the pelvic area are acquired in the sagittal plane allowing visualization of the pelvic organs with the needle sleeve in place
- New images in the axial plane are acquired to help identify the suspicious area
- Once the final target has been chosen the software will 'lock' the position and the coordinates are applied to the device
- A pre-biopsy verification scan will show the needle sleeve targeted for the suspicious area giving additional confidence for the biopsy
- The unique needle sleeve functions both as a guide for the needle and as a fiducial marker for the software
- The biopsy needle can safely be inserted into the sleeve
- Once positioned the biopsy cores are extracted

Invivo's DynaTRIM works in conjunction with DynaCAD for Prostate. DynaTRIM can be used on Siemens, Philips and GE scanners and is fully MRI-compatible up to 3T.

Invivo innovation is matched by our commitment to provide the best technical and customer support in the industry.

Offering comprehensive tiered support coverage plus on-site and remote applications training keeps you updated.

Fast turnaround repair time, remote support and system upgrades are just a few of the ways Invivo makes technology transparent, allowing you to focus on what is most important to you...the patient.

DynaCAD for Prostate's powerful, flexible interface alongside DynaTRIM can become an important part of any busy practice interested in prostate imaging and intervention.



inspired by a better way

For more information about **DynaTRIM** or any of the Complete Solution products from Invivo, please call us at 1-800-331-3220, or visit our website at [www.invivocorp.com](http://www.invivocorp.com).

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