PHILIPS

Oncology Solutions

UroNav

Advancing the quality of prostate cancer care

As a urologist, you need to be as accurate and minimally invasive as possible. Your potential prostate cancer patients value your careful approach: from initial examination, through biopsy, planning and treatment. Combining strong collaboration and integration with radiology, you can confidently ensure patients get the precise care they deserve. Philips UroNav is designed to support you with image guidance during prostate biopsy procedures.

Bring the power of MRI to urology

Philips UroNav fuses pre-biopsy MR images of the prostate with live ultrasound images for targeted, guided biopsies in real time. You get clear delineation of the prostate and suspicious lesions, as defined with DynaCAD Prostate, as well as clear visualization of the biopsy needle. With UroNav, there's no need for complex mechanical devices or complicated, time-consuming setup routines. UroNav helps to visualize targeted MR/ultrasound biopsy procedures with a simple workflow and robust features – all designed around you and your clinical needs.

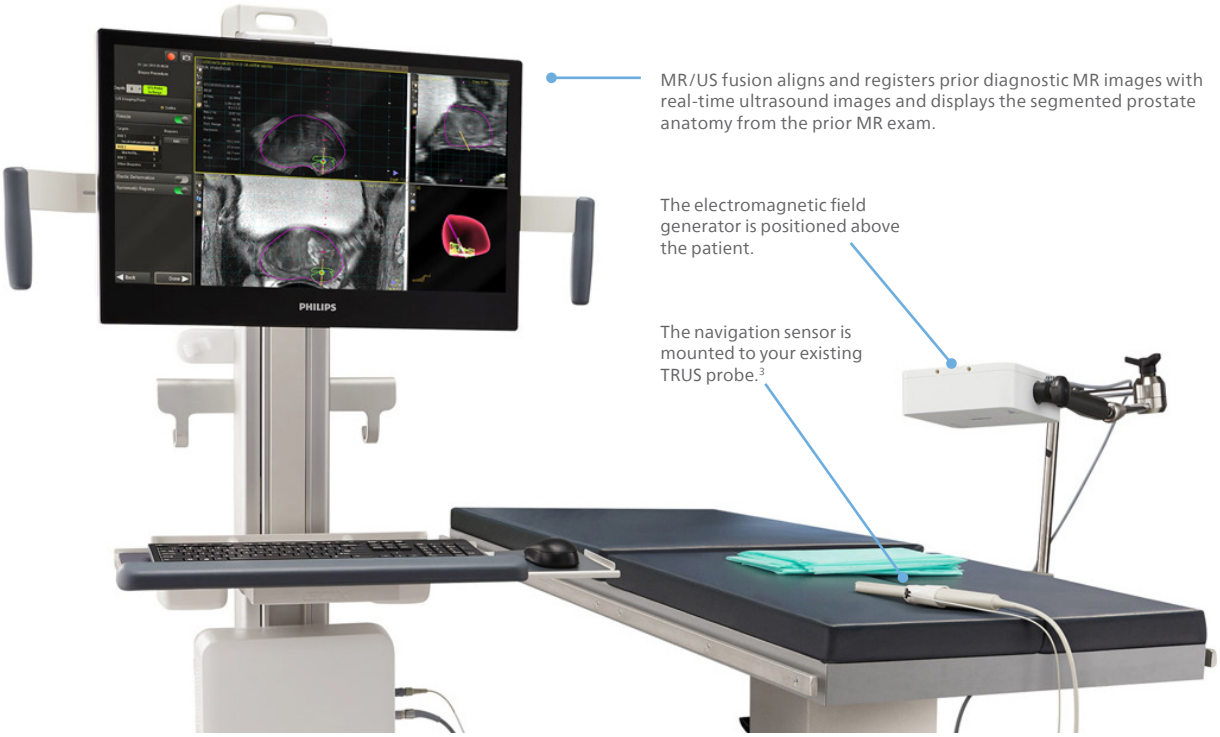
Challenge the traditional approach

The unreliability of prostate-specific antigen (PSA) tests and digital rectal exams (DRE) can mean uncertainties for both patients and urologists. Prostate biopsy, the most reliable method of detection, is challenging as it can be difficult to visualize not only the entirety of the prostate, but also the location of the suspicious lesion(s). Even with ultrasound support, poor image resolution may mean the biopsy needle passes through healthy areas – potentially missing the tumor entirely[1].

Navigate intuitively

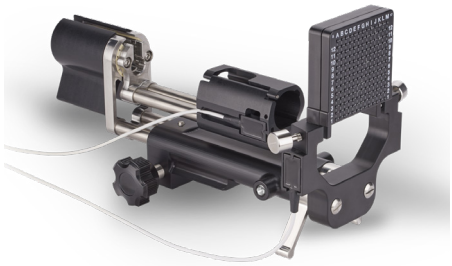
UroNav combines electromagnetic tracking and navigation with an onboard computer and a real-time imaging interface – all in one, easy-to-use mobile workstation. It generates a small, localized electromagnetic field, used in conjunction with a navigation sensor mounted to your existing ultrasound transducer[2]. Simply position the navigation system above the patient and you're ready to take advantage of UroNav's simple, guided workflow.

30% improvement in diagnosis of high-risk prostate cancer with fusion-guided biopsy vs standard biopsy[3]



You choose the approach

UroNav supports both transperineal and transrectal biopsy approaches – providing the flexibility you need to incorporate fusion-guided biopsy into your preferred biopsy method. You can conduct transperineal workflows with a dedicated stepper device or with a freehand approach using a PrecisionPoint[4] device[5]. With all approaches, UroNav provides an intuitive, guided workflow and interface optimized to support the biopsy method you choose.



Fit for your workflow

To fit with how you work, and your existing equipment investments, UroNav can be used with ultrasound systems and probes from a range of leading providers.

As part of our ongoing commitment to solutions for urology, we continue to update the capabilities of UroNav, its interfacing to compatible ultrasound systems, and its usability, in response to your feedback.

"We found that our biopsies are so much more accurate, and we have a much higher predictive ability to find cancers that would be otherwise missed."

- Basir Tareen, MD, FACS
Urologic oncologist
Metropolitan Urological Specialists,
Minneapolis, MN

Support planning and review off-cart

The interface between UroNav and both DynaCAD Prostate and DynaCAD Urology devices allows collaboration between radiology and urology. You can automatically transfer prostate and lesion segmentation data from radiology to DynaCAD Urology. This lets you review the target identification before a UroNav procedure, then review UroNav biopsy core locations registered to the MR images. UroNav procedure screenshots and videos can also be viewed to support further patient care planning. Additionally, UroNav procedure data can be shared back to radiology by exporting data to DynaCAD Prostate or the PACS.

The result is a unique solution, combining radiology and urology data into comprehensive fusion-guided biopsy workflow.

DynaCAD Prostate

Analyze, review and report multi-parametric MRI studies

DynaCAD Urology

Combine radiology and urology data for fusion biopsy procedures

UroNav

Perform targeted MR/US fusion guided biopsies

Partner with the best

UroNav is used at **22 of the top 25 ranked US hospitals**[6]

Adopt a multifaceted approach to prostate care

You can use UroNav in conjunction with Philips clinical data management platform for browser-based access and cross-referencing with data from other sources. With our comprehensive prostate solutions, you work with a complete patient view to support diagnostic processes, treatment decisions, follow-up and communications across clinical domains.

Our commitment to oncology

At Philips, we recognize that oncology care requires integrated approaches across patient pathways. From diagnosis and staging, to treatment decision, to therapy planning and follow-up, we're addressing challenges in cancer care by providing solutions across the entire care delivery pathway.

UroNav is just one product from the Philips portfolio of oncology solutions. We aim to help you build best-in-class oncology programs in the ever-changing healthcare landscape. Talk to us today to see how we can help you guide your patients along their journeys.

Learn more about Philips prostate solutions at
www.philips.com/prostatesolutions

DynaCAD Urology and DynaCAD Radiology are modules of the DynaCAD product.

1 Pinto PA, Chung PH, Rastinehad AR, et al. Magnetic resonance imaging/ultrasound fusion guided prostate biopsy improves cancer detection following transrectal ultrasound biopsy and correlates with multiparametric magnetic resonance imaging. J Urol. 2011;186:1281.

2 Contact Philips to ascertain compatibility with your device.

3 Siddiqui MM, Rais-Bahrami S, Turkbey B, et al. Comparison of MR/Ultrasound Fusion-Guided Biopsy With Ultrasound-Guided Biopsy for the Diagnosis of Prostate Cancer. JAMA. 2015;313(4):390-397.

4 PrecisionPoint is a trademark of Perineologic.

5 PrecisionPoint[4] Transperineal Access System is sold separately by Perineologic, Cumberland, MD, USA.

6 U.S. News and World Report: 2022-2023 Best Hospitals Ranking (Urology) https://health.usnews.com/best-hospitals/rankings/urology (sales data on file).

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Product not available for sale in all countries. Please contact your sales representative to ascertain availability in your country.

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