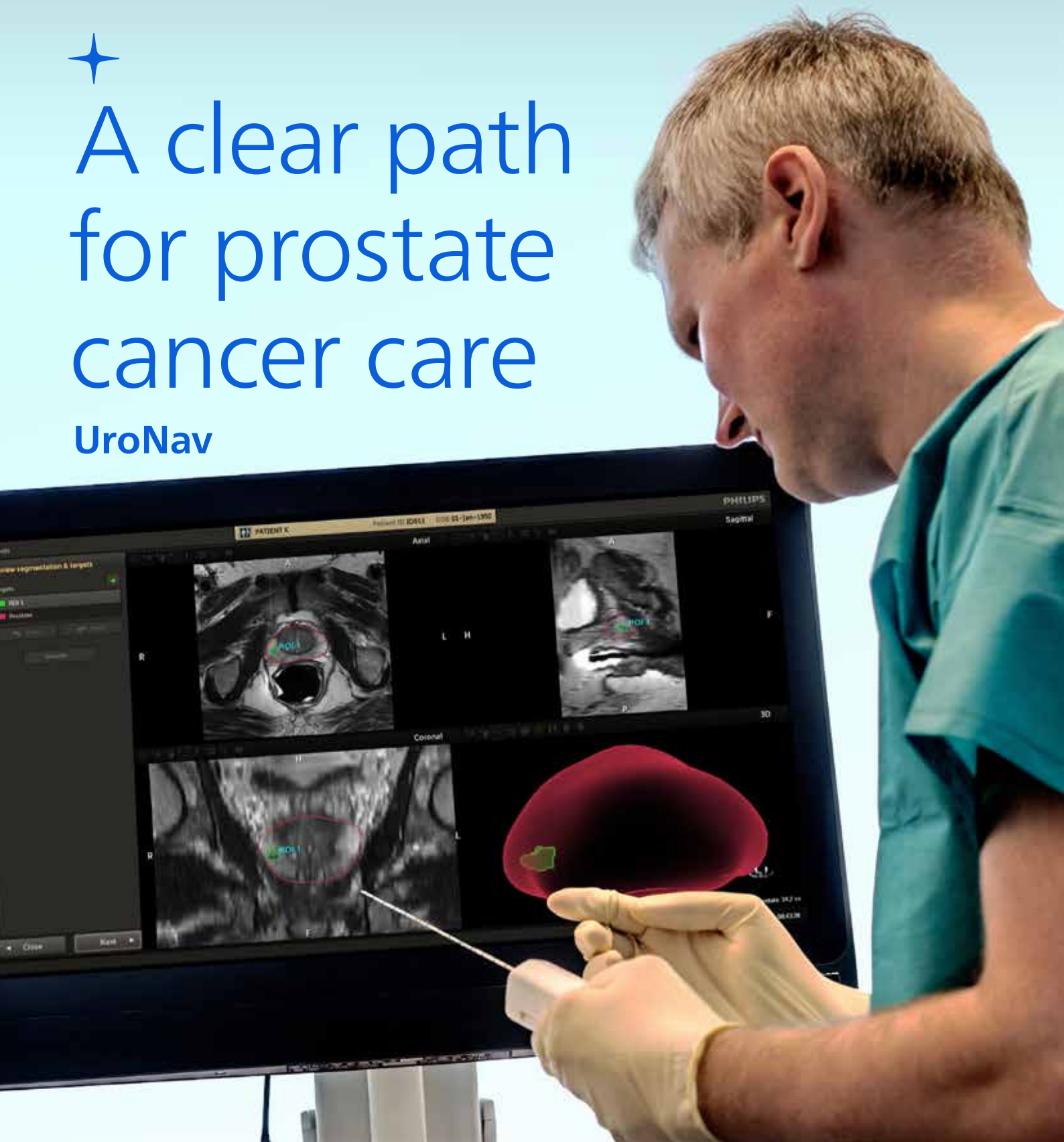


PHILIPS



A clear path
for prostate
cancer care

UroNav



MR/Ultrasound fusion guided interventions for prostate cancer care

Introducing Philips UroNav as part of your urology workspace, designed to support you with image guidance during prostate biopsies and advanced Annotation¹ procedures

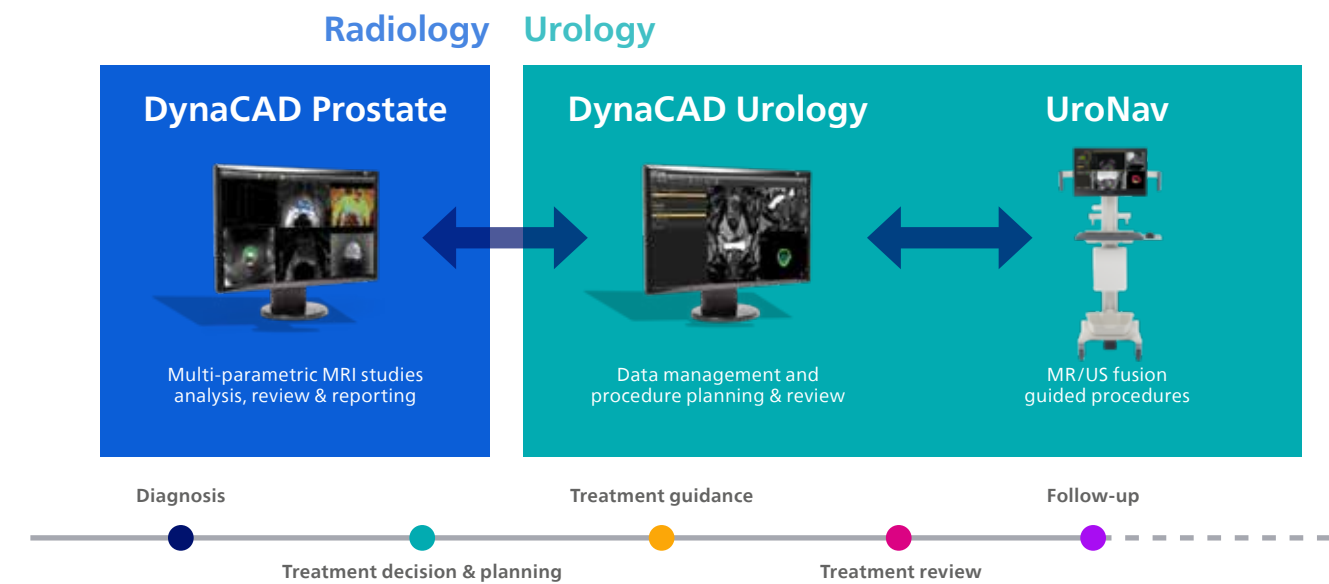
Philips UroNav fuses diagnostic MR images of the prostate with live ultrasound images for guided procedures in real time. You get clear delineation of the prostate and suspicious lesions, as defined with DynaCAD Prostate², as well as clear visualization of the needle path.

Combined with Philips DynaCAD Urology², you are equipped with a comprehensive solution supporting you at every step of the prostate cancer patient journey, enabling you to confidently deliver the precise care your patients deserve.

Elevate your experience

Combining UroNav with DynaCAD products² for a comprehensive solution supporting you at every step of the prostate cancer patient journey

The data workflow between UroNav and both DynaCAD Prostate² and DynaCAD Urology² allows smooth collaboration between radiology and urology.



A clear path to the target during prostate interventions

- **Guides** needles to identified **targets and regions with live MR/US fusion navigation**
- Brings live targeting to your clinical practice in an **easy-to-use, mobile workstation**, in connection with your preferred ultrasound system
- Accomodates both **biopsy** and **advanced annotation workflows**

You choose the approach

UroNav supports both transperineal and transrectal biopsy approaches – providing the flexibility you need to incorporate fusion-guided biopsy to support your preferred biopsy method. You can conduct transperineal workflows with a dedicated stepper device or with a freehand approach using a PrecisionPoint^{TM4} or Pivot Pro^{TM5} guides. With all approaches, UroNav provides an intuitive, guided workflow and interface optimized to support the biopsy method you choose.



- Simplifies biopsy and therapy workflows, by smoothly integrating with DynaCAD Prostate, **bringing the power of MRI to Urology**
- Displays simultaneously the live ultrasound images and the respective reconstructed MR images, boundaries and targets as well as margins during the procedures, **for real time fusion and targeting guidance**
- Fuses diagnostic prostate MR and live ultrasound images using **rigid and elastic registration methods in 3D**, to ensure optimal fusion in all circumstances
- Utilizes **electromagnetic tracking navigation system** to provide the user with **full control** during biopsy sampling and therapy procedures, accommodating for patient or gland movement

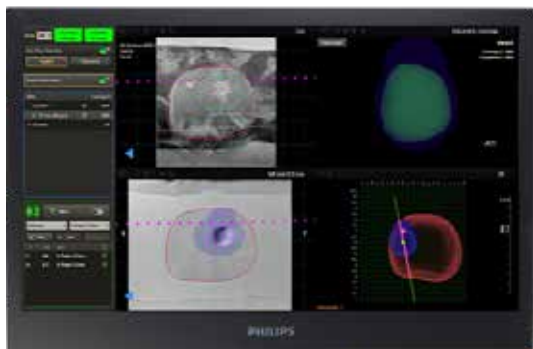
Imaging quality

To fit with how you work, and your existing equipment investments, UroNav can be used with ultrasound systems and probes from a wide range of leading providers⁶

- **Support high-quality ultrasound imaging of the prostate** using your preferred ultrasound system and probe
- **Optimize workflow** with **dedicated control** over UroNav and the ultrasound system
- **Leverage real-time ultrasound imaging during the interventions** by using compatible **multi-plane transducers**, ideal for guiding biopsy & therapy workflows

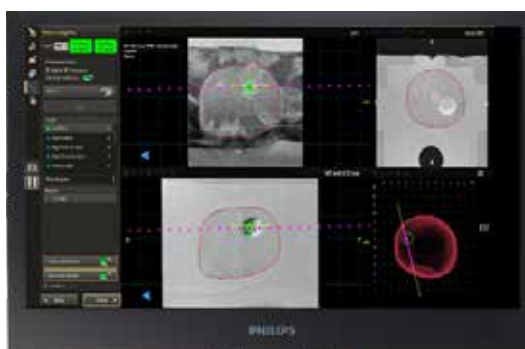
Advanced Annotation

UroNav's Advanced Annotation¹ is designed to support you during procedures, with visual overlay information of planned needle paths and virtual annotation zones.



Fusion-guided biopsy workflow

UroNav helps to visualize targeted MR/ultrasound biopsy procedures with a simple workflow and robust features – all designed around you and your clinical needs.



Partner with the best

UroNav is used at **25 of the top 30 ranked US hospitals⁷**



Our commitment to prostate cancer care

At Philips, we recognize that prostate cancer care requires integrated approaches across radiology and urology. 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.

Designed by urologists, for urologists

A collaborative community of medical specialists works with us to continuously define and optimize our products and solutions. So together, we can ensure that our solutions are tailored to meet the evolving needs of clinicians.

UroNav is just one product from the Philips portfolio of urology solutions. We aim to help you build best-in-class prostate cancer programs. Talk to us today to see how we can help you confidently deliver the precise care your patients deserve.

Learn more about Philips urology solutions at www.philips.com/urology

For distribution in the USA only.

Philips implement security within a heavily regulated medical device industry regulatory agencies such as the US Food and Drug administration require that hardware and software releases and changes be subjected to rigorous verification and validation methods to ensure that high standards of safety security efficiency quality and performance are met in all applicable Phillips products and services.

- 1 The Advanced Annotation workflow option is sold separately.
- 2 DynaCAD Prostate and DynaCAD Urology are modules of the DynaCAD product. DynaCAD 5.2 is 510K released for Advanced Annotation / Focal therapy. DynaCAD is not available for sale in all countries. Please contact your sales representative to ascertain availability in your country.
- 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 Transperineal Access System is a trademark of Perineologic
- 5 TP Pivot Pro is a trademark of CIVCO Medical Solutions
- 6 Please refer to UroNav Specifications and Compatibility sheet.
- 7 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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How to reach us
www.philips.com/urology

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