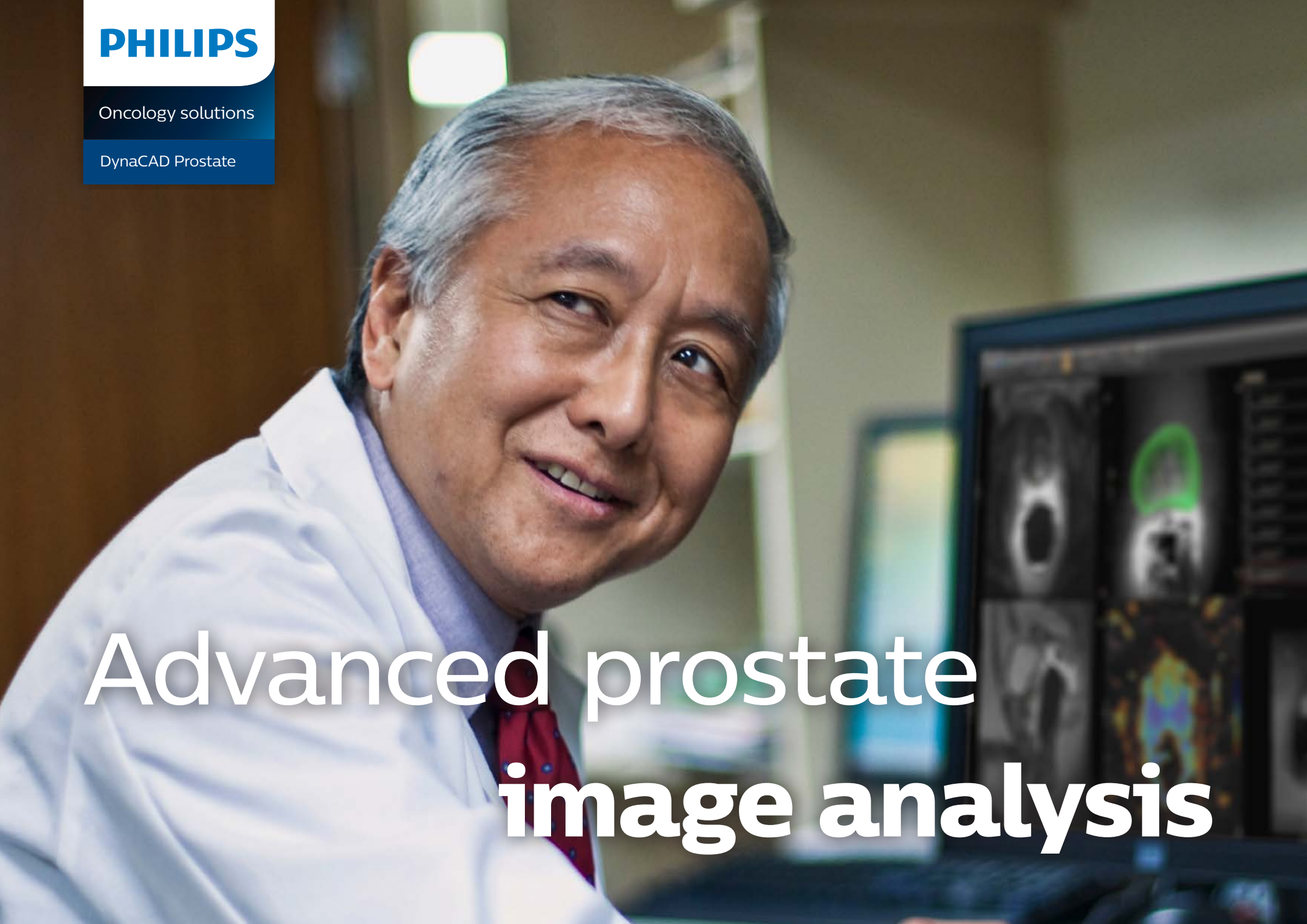
PHILIPS

Oncology solutions

DynaCAD Prostate



Advanced prostate **image analysis**

Partnering to build best-in-class oncology programs

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

Philips is relentless in its pursuit to help you build best-in-class oncology programs in the ever-changing healthcare landscape.

Because today, health knows no bounds and neither should healthcare.

Enhance confidence and productivity
with a solution built around you

Philips DynaCAD Prostate advanced visualization system empowers radiologists with a comprehensive set of tools for real-time analysis, review, and reporting of studies. Images can be transferred directly from the MRI to DynaCAD for automatic processing and customized display. Upon case completion, key images, statistical data, and prostate PIRADS reports can be automatically transferred to PACS for archiving.

Images display in user-friendly, customizable hanging protocols.

Elevate your workflow

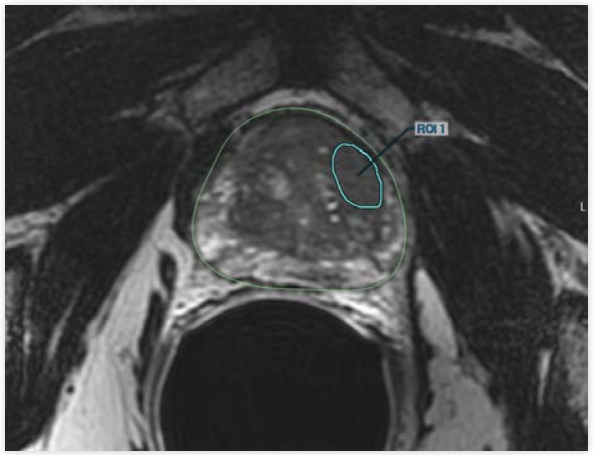
Enhance multi-parametric exam review with DynaCAD's ability to calculate color overlay maps based on perfusion characteristics, ADC and diffusion values. Incredibly user-friendly, DynaCAD can process and create ADC and interpolated high b-value image series for radiology review with a simple menu selection.

We'll follow your lead

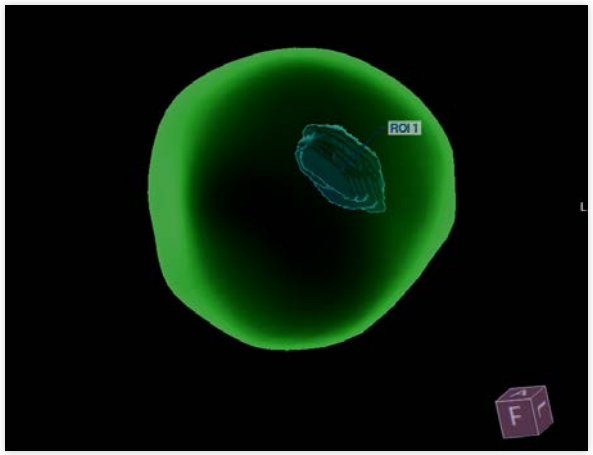
With a powerful, easy-to-navigate, multi-vendor MR image analysis system, DynaCAD is able to quickly process and manage large volumes of data. Users have the ability to open cases in ready-to-read, custom hanging protocols with all images synchronized for easy, multi-parametric review.

It’s automatic

Virtually eliminate manual outlining of the prostate gland with DynaCAD Prostate’s model-based gland segmentation, which automatically performs a 3D segmentation of the gland. Users can alter or make adjustments to the segmented results in all three planes. The resulting segmentation reports overall gland volume and sets the stage for UroNav MR/US guided fusion biopsy.



DynaCAD’s preprocessing engine automatically generates a 3D gland segmentation for review and use in UroNav MR/US fusion biopsy.



User-created ROIs can be displayed within the 3D segmented gland.

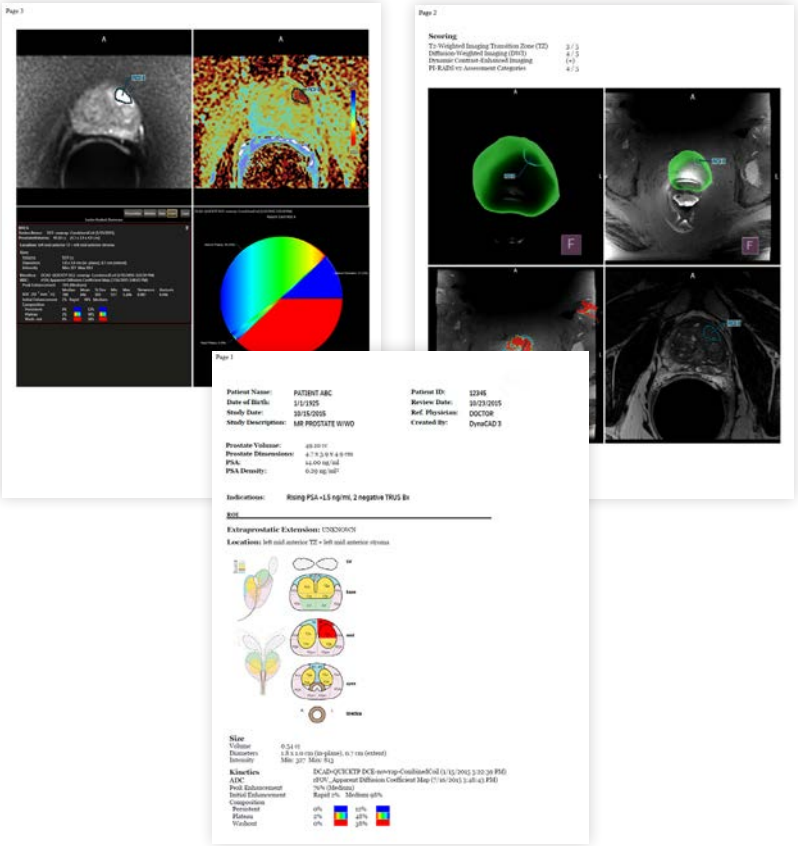
Combine forces

DynaCAD is now available in Philips Intellispace Portal* providing customers with a single integrated, advanced visualization system with comprehensive clinical capabilities. This integration utilizes the Intellispace Portal worklist to select cases for review, and with the click of a button, launches studies into DynaCAD for review.

***Requires Intellispace Portal version 10.1 or higher**

Report findings

Patient reports can be setup to automatically capture pre-selected image sequences, kinetic curves, measurements and annotations. Lesions are assessed PI-RADS v.2 scoring and incorporated into standardized reports. Upon completion, users have the option to print patient reports, save as a PDF, or send as DICOM images.



Structured reports summarize study findings.

Clinical data management platform

UroNav MR/Ultrasound Fusion Biopsy System

Leading the way in prostate care

Focused on providing a multifaceted approach to Prostate care, Philips offers UroNav MR/Ultrasound Fusion Biopsy System and a clinical data management platform in addition to the DynaCAD Prostate advanced visualization system. Prostate and lesion segmentation data from Radiology are quickly transferred to our data management platform for review and target identification prior to biopsy. Following the biopsy procedure, biopsy core location data, images, and videos can be viewed in our intuitive, browser-based interface. Digital pathology data can be added and reviewed anytime following the biopsy for a complete patient view to support treatment decisions based on established clinical pathways.

Philips continues to step outside the traditional boxes of healthcare to bring shared clinical knowledge, patient information, and imaging data together with a common goal – enhancing collaboration with a focus on the health continuum - because there's always a way to make life better.

Trusted by the best

DynaCAD Prostate is used at 22 out of the top 25 ranked US hospitals[1]

[1]U.S. News and World Report: 2017 Best Hospitals Ranking (Cancer) https://health.usnews.com/best-hospitals/rankings/cancer (sales data on file).

Contact us
Phone number: US: +1 877-468-4861
E-mail: Worldwide: invivointernational@philips.com
www.philips.com/healthcare
www.invivocorp.com