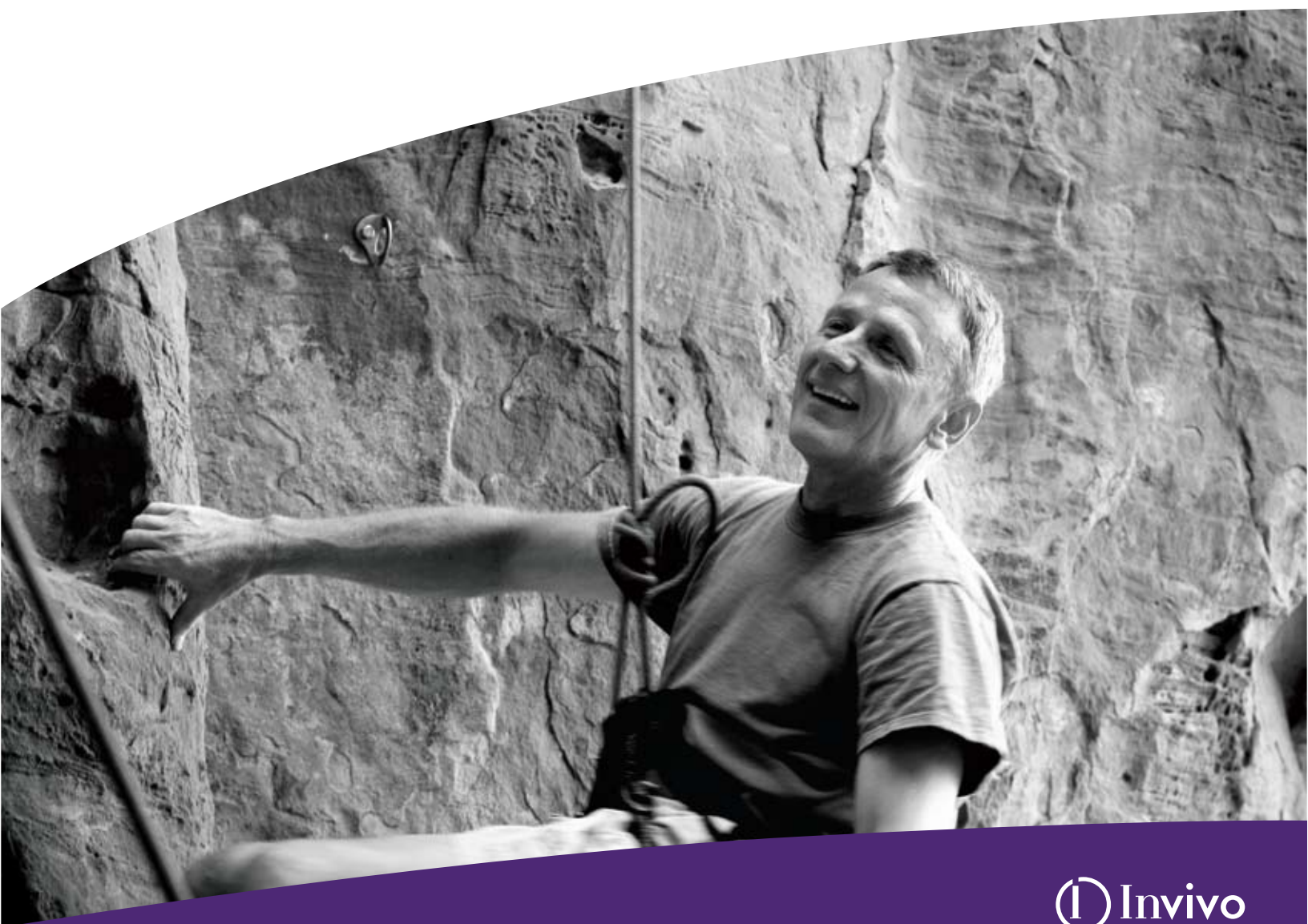


better images mean better results

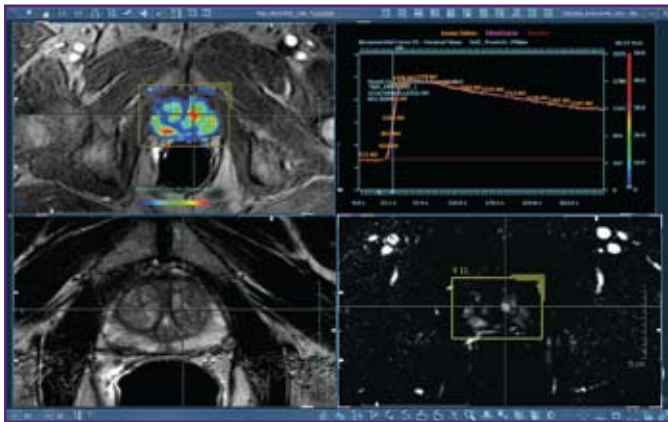




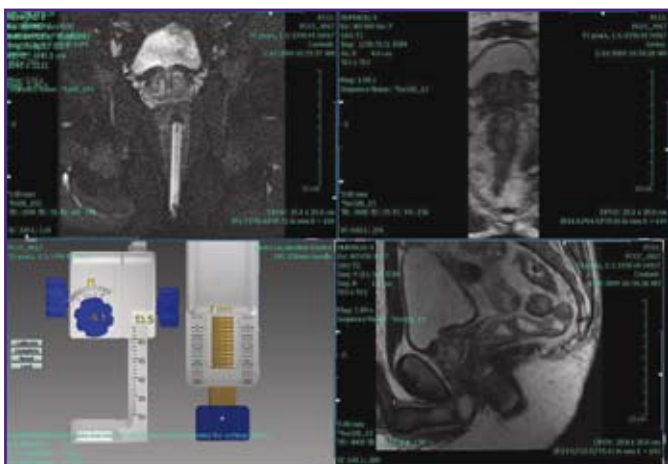
Welcome to a new and better way  
for YOU and YOUR patient

Welcome to  
**DynaCAD**  
for PROSTATE  
brought to you by  
**Invivo**

- Multi-vendor
- Multi-application
- Improved workflow of analysis and reporting



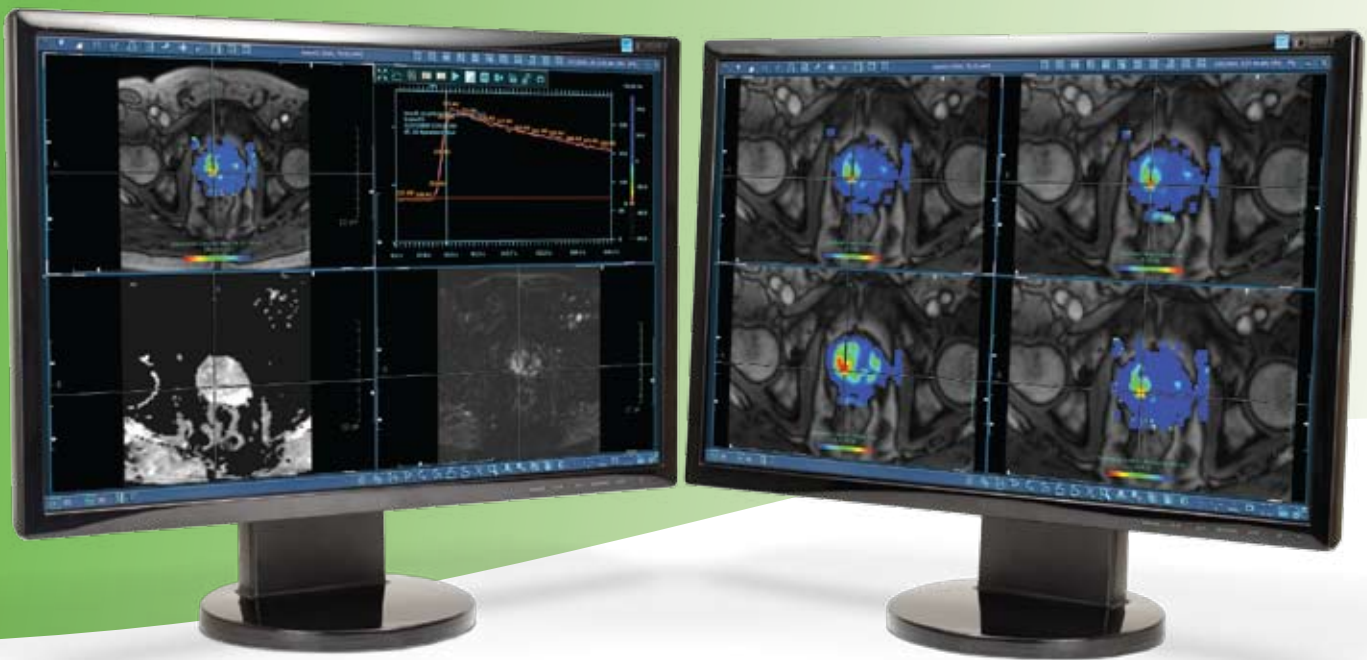
*Displays MR images in a user-friendly format on a two-display workspace configured to your preferences*



**Invivo now offers DynaCAD for Prostate,** a digital imaging system with a comprehensive set of advanced visualization tools for performing real-time image analysis of prostate MRI studies.

**DynaCAD for Prostate provides you with:**

- A powerful, easy-to-navigate MR image analysis system
- Quick processing and management of large volumes of images with configurable work lists
- Custom hanging protocols that open ready to read
- All patient studies are synchronized for easy review
- Complete, extensive summary reports with all important aspects of the study
- Automated, computer-guided interventional software: DynaLOC
- Full integration with DynaTRIM



### *Our Complete Clinical Solution for Prostate MR Analysis*

**Leave it to Invivo** to be the first with a complete clinical solution that can visualize and target, under MRI-guidance, specific suspicious areas in the prostate.

Literature has shown that men with elevated or rising PSA or positive DRE with previous negative TRUS-guided biopsy may benefit from this approach.<sup>1</sup> This would also apply to men with elevated PSAs for whom prostate cancer recurrence is a concern. Invivo's elegant solution of analysis software, hardware and instruments makes accommodating these patients possible.

Invivo's complete solution offers:

- DynaCAD for Prostate advanced visualization and analysis software
- DynaLOC interventional planning software
- DynaTRIM (Trans-Rectal Interventional MRI) hardware
- Invivo interventional instruments



<sup>1</sup> Anastasiadis, A.G., Lichy, M.P., Nagele, U., Kuczyk, M.A., Merseburger, A. S., Hennenlotter, J., et al. (2006). MRI-Guided Biopsy of the Prostate Increases Diagnostic Performance in Men with Elevated or Increasing PSA Levels After Previous Negative TRUS Biopsies. *European Association of Urology*, 50, 738-749.

"The Invivo Prostate Solution provides increased operational efficiency enabling the radiologist to rapidly interpret the 3,000 images that constitute a dynamic contrast-enhanced prostate MRI. This is directly analogous to the advantages of DynaCAD for breast MRI diagnosis. There is the additional upside that the Invivo Prostate Solution also provides a robust, simple means to biopsy suspicious findings in the prostate gland using MRI-guidance."

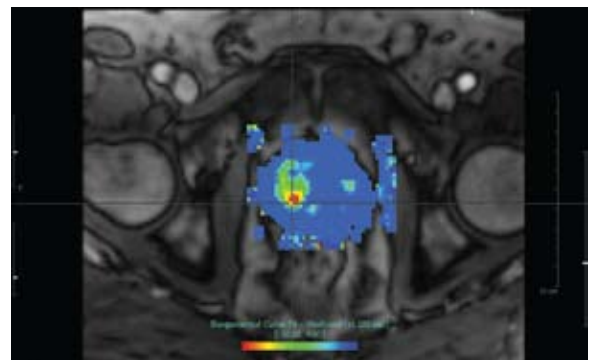
**John F. Feller, MD**  
Medical Director  
Desert Medical Imaging  
Indian Wells, CA

#### Advanced Visualization:

- Colorized parametric maps for Dynamic Contrast Enhanced imaging data sets provide clear visualization of changes in MR signal intensity
- Real-time interactive access to time-intensity curve data
- Additional Curve Fits for improved evaluation of kinetic data
- Images are automatically synchronized and can be reformatted in any plane
- MPR and subtraction images are automatically generated for the reader
- Capable of processing all time points without having to reprocess the study

In addition to the standard curve types of wash-in and wash-out, you have the flexibility of Dynamic Modeling that can be performed as a pre-processing step or user-defined subvolume. You can choose either the Bi-exponential Curve Fit or the Gamma Variate Curve Fit with six parameters each:

- Area Under Curve
- Maximal Slope
- Maximal Descent
- Mean Transit Time
- Peak Enhancement
- Wash-out



*The parametric color map is displayed as an overlay on the DCE data set and the analyzer displays the corresponding curve with the fitted curve as a smooth pink line*

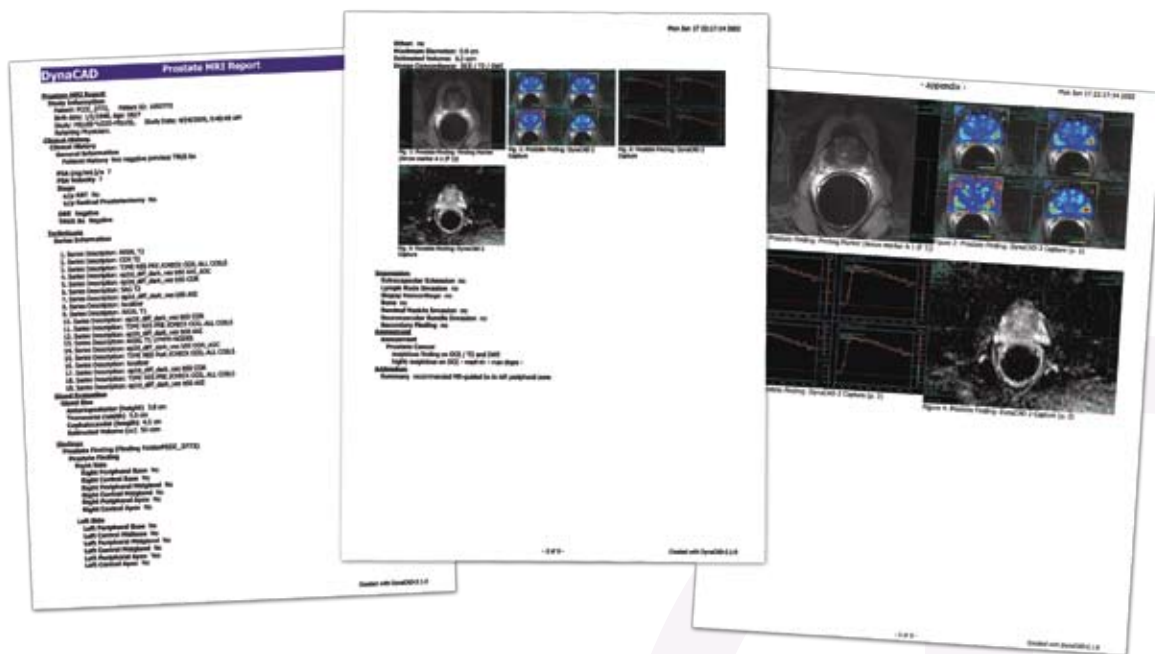


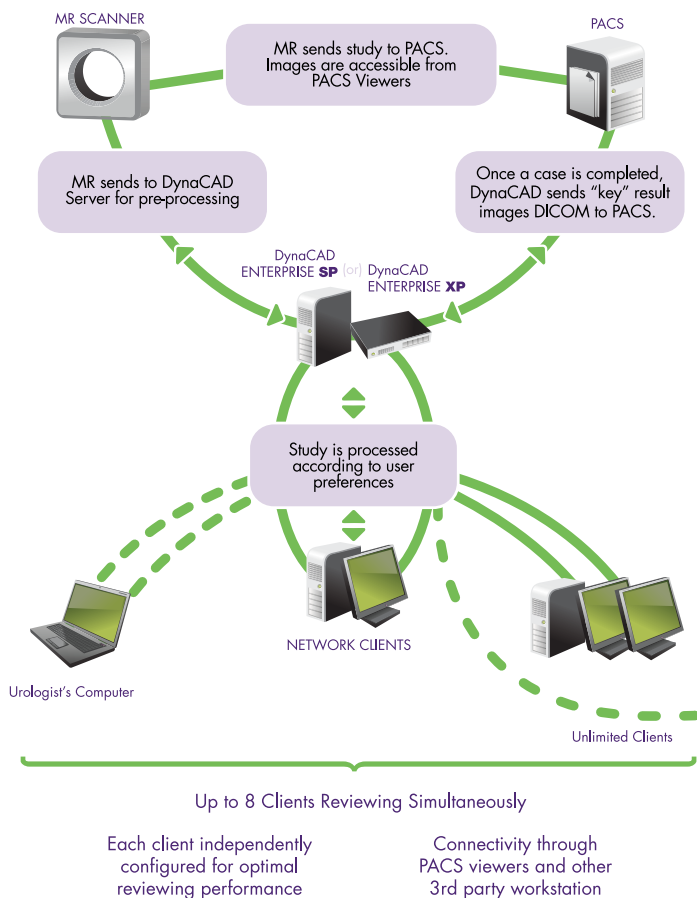
*DynaCAD for Prostate and DynaTRIM:  
your complete clinical solution for prostate.*

**The DynaCAD for Prostate Report puts at your fingertips:**

- Comprehensive summary of all important aspects of the study that you select
- Custom graphics, logos, your facility name and selected images
- Automatically captures relevant clinical and diagnostic information
- Identifies curves, corresponding images, measurements and annotations

The report can be exported to PACS as a secondary DICOM capture or saved as a PDF. It is an effective communication tool for the referring urologist, surgeon, oncologist, or even the patient.





DynaCAD for Prostate's complete solution is scalable, so as your volume grows, Invivo is there with cost-effective upgrades to accommodate that growth. And because no two imaging centers are the same, DynaCAD for Prostate is tailored to suit your data management needs, from a single stand-alone workstation to broad enterprise systems: DynaCAD, DynaCAD Enterprise SP and DynaCAD Enterprise XP, with many clients...your workflow needs can be met. An upgrade path is available to existing DynaCAD customers who can add DynaCAD for Prostate to their systems. DynaLOC and DynaTRIM are compatible with GE, Siemens and Philips scanners up to 3T. DynaTRIM's open design allows for flexibility in coil choice.

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



For more information about **DynaCAD for Prostate** 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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