

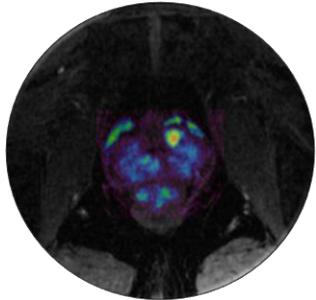


BodyWorks

Men's Health Imaging

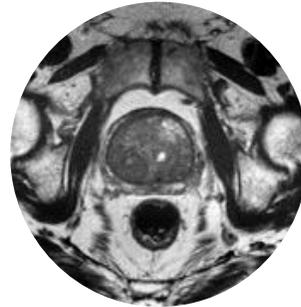
Enable fast, high-resolution, quantitative and personalized multi-parametric prostate MR imaging

Comprehensive men's health imaging portfolio



Fast

DISCO
HyperSense
HyperCube



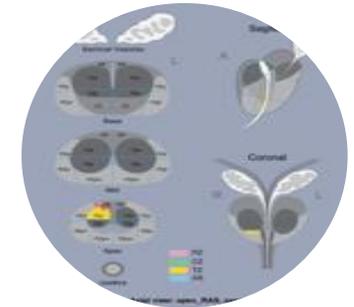
Consistent

FSE
PROPELLER
Cube



Quantifiable

eDWI
FOCUS DWI
MUSE
MAGiC DWI
GenIQ



Personalized

PROView 2.0
AIR™ Coils

Precision health: Better outcomes, delivered more efficiently



AIR™ Coils

AIR™ Anterior Array Coils



- Patient comfort: **<55% lighter weight****
- **Versatility:** Highly flexible design
- **Wider coverage**
- Consistently high IQ and increased acceleration



AIR™ Multi-Purpose Coils**



- Patient comfort, versatility and acceleration
- Easy ortho, body and cardiac scans with medium and large sizes
 - AIR™ MP Coil **Large**
 - AIR™ MP Coil **Medium**



*Compared to conventional technology.

**Not yet CE marked. May not be marketed or placed into service until it has been made to comply with CE marking.

BodyWorks – Men’s Health

Now with AIR™ Recon

Because everyBODY has a story...

Integrated prostate solutions

Complete prostate solution from start to end

CUBE with HyperSense & HyperCube

Isotropic T2 volume to reformat to any plane
Reduce scanning time & artifacts for 3D T2 scans

DISCO

Extreme, high-resolution for 4D dynamic imaging

FOCUS DWI

High resolution, small FOV diffusion imaging

Prostate analytics

Because it's not just about scanning anymore

MAGiC DWI

Automatically create higher synthetic b-values while keeping the SNR of lower b-values

PROView 2.0*

DL-based auto segmentation* allows for calculation of PI-RADS® 2.1 scoring in a few easy steps!

*510(k) pending at FDA. Not available for sale.

BodyWorks Workflow Solutions

Automated, patient centric workflows

Smart Selective Anatomy

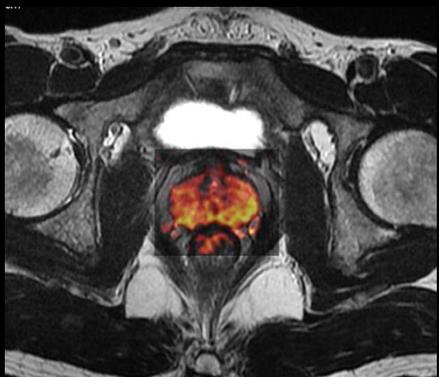
Flexible No Phase Wrap

Automated peak arrival & delays with DynaPlan

Automated Inline Subtraction

Automated Inline ADC map generation

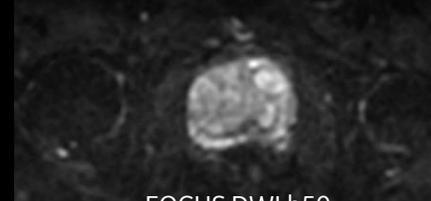
Personalized protocol notes



PROPELLER with FOCUS DWI overlaid



DISCO



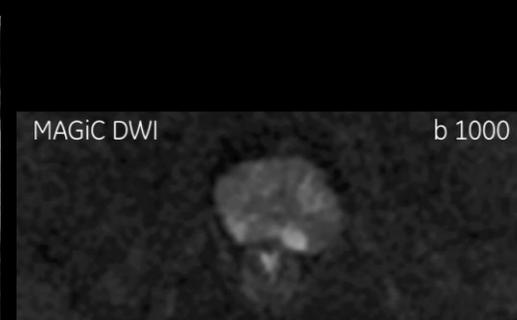
FOCUS DWI b50



FOCUS DWI b1400



PROPELLER T2



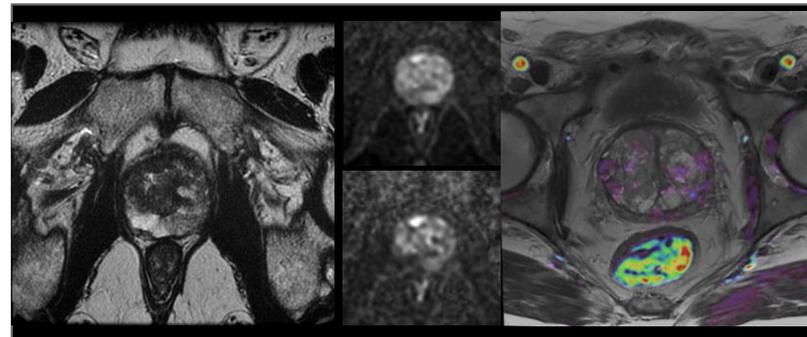
MAGiC DWI

b 1000

MAGiC DWI

15-minute prostate exam

A comprehensive MR solution that enabling fast, consistent and measurable results for lesion scoring & standardization utilizing PI-RADS® v2.1 guidelines in **15 minutes for scanning and reporting time** to ensure the right actions are taken at the right time for each and every patient.



Personalized

- ❑ AIR™ Anterior Array Coil
 - ✓ 60% lighter or more
- ❑ AIR Touch™
 - ✓ Automatically optimize the best coil combination

Fast and quantifiable imaging

- ❑ **HyperSense and HyperCube**
 - ✓ High resolution in a fraction of time
- ❑ **High resolution DWI & MAGiC DWI**
 - ✓ Increase productivity for high b-values
- ❑ **DISCO**
 - ✓ High temporal resolution dynamic imaging

Automated reporting

- ❑ **PROView 2.0***
 - ✓ DL-based auto prostate segmentation* for calculated volume measurement
 - ✓ Aligns with the PI-RADS® v2.1 reporting
 - ✓ Integrated reporting with standard dictation reporting systems

A comprehensive and seamless workflow from plan → scan → report in less than 15 minutes

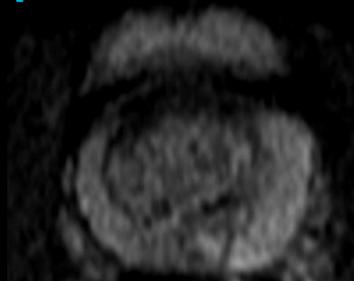


BodyWorks portfolio

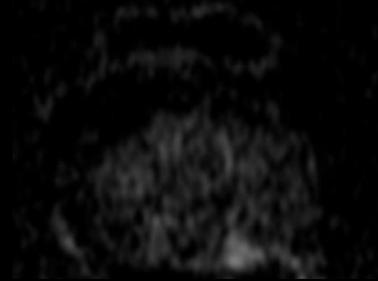
AIR™ coils to enhance patient comfort and provide excellent SNR



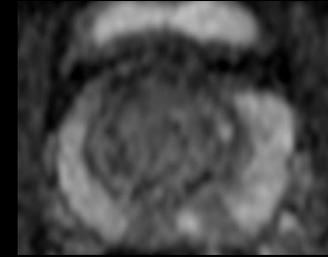
Axial T2 FSE
0.7 x 0.9 x 2.4 mm



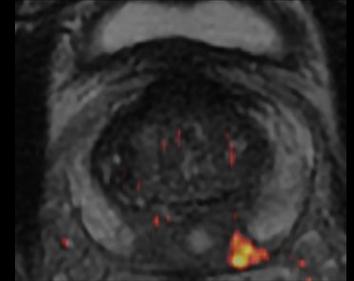
Axial FOCUS MAGiC DWI
b800 (Synthetic)



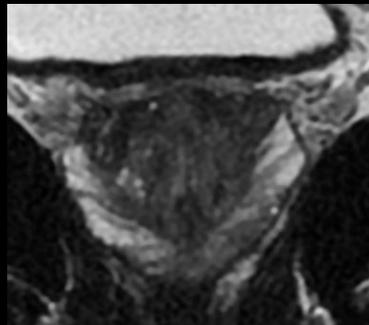
Axial FOCUS DWI b1500



ADC map



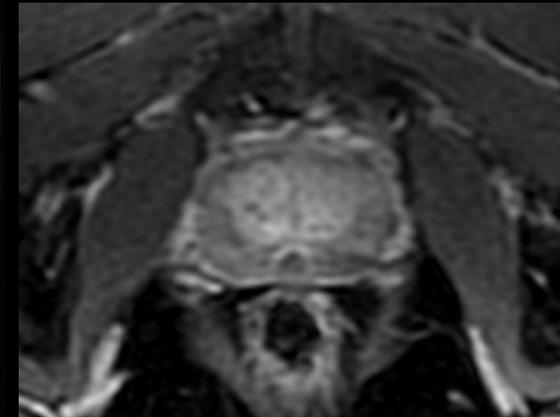
Fusion Axial T2 / FOCUS DWI
b1500



Coronal T2 FSE
0.7 x 0.9 x 2.4 mm



Axial T1 DISCO
10 sec/phase



Axial T1 LAVA Flex
post-gad



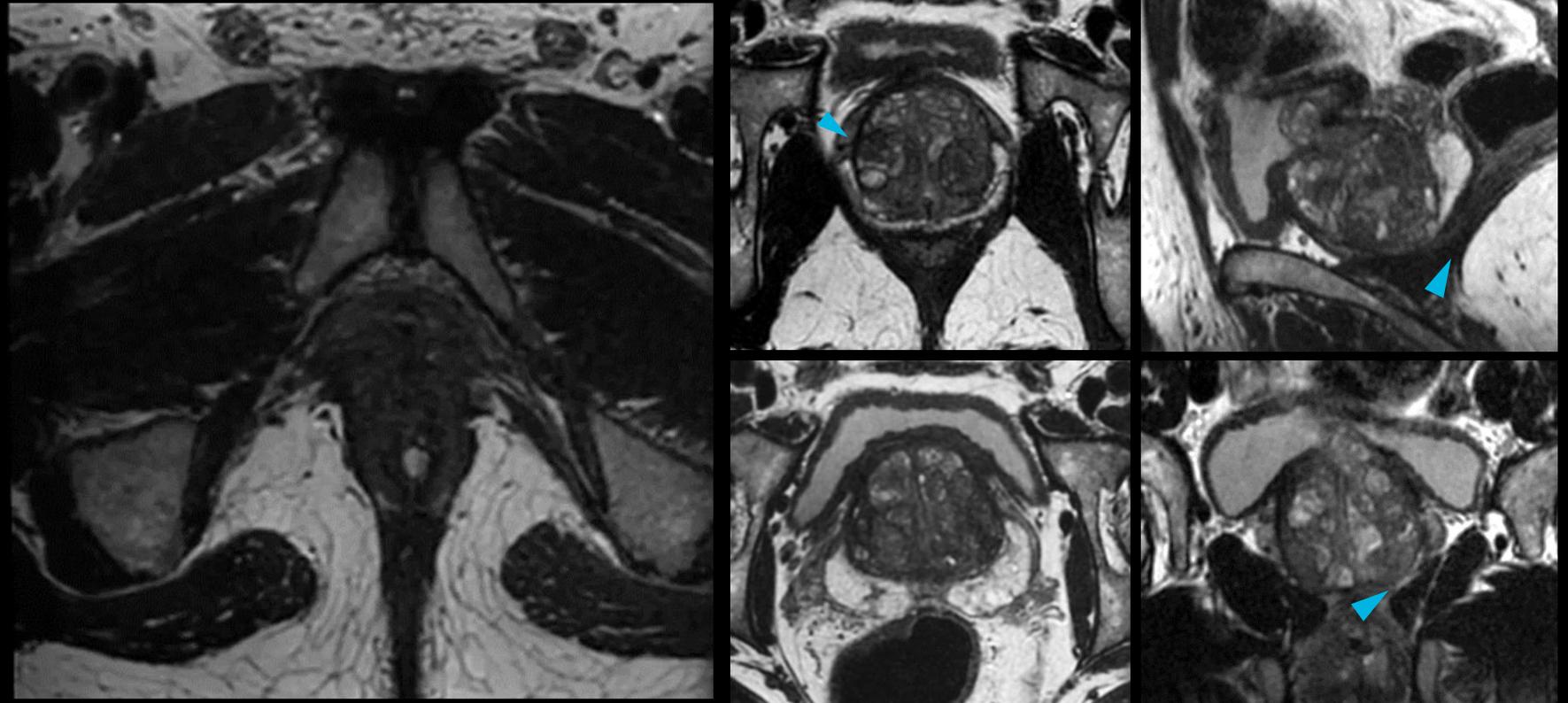
HyperSense and HyperCube

Male pelvis

HyperSense + HyperCube on T2 Cube allows us to scan a large S/I coverage in just under 4 minutes with multiple reformats in any plane

Axial T2 HyperCube
0.8 mm slice
HyperSense Factor = 2.4
5:34 min

Axial T2 MPRs of HyperCube



High Resolution Diffusion

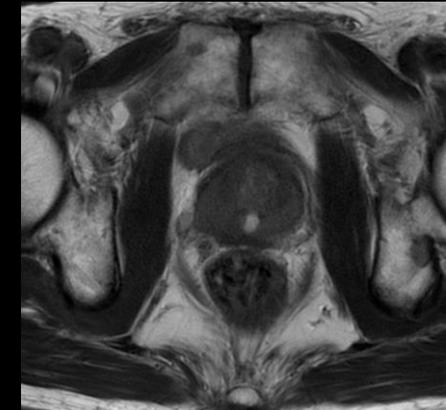
Allows for advanced diffusion with reduced distortions and increased resolution

"Currently, we acquire both conventional **eDWI** for the whole pelvis and **FOCUS DWI** for targeted small FOV with high resolution. However, **MUSE** can provide high-quality imaging in both larger and smaller FOV for the prostate".

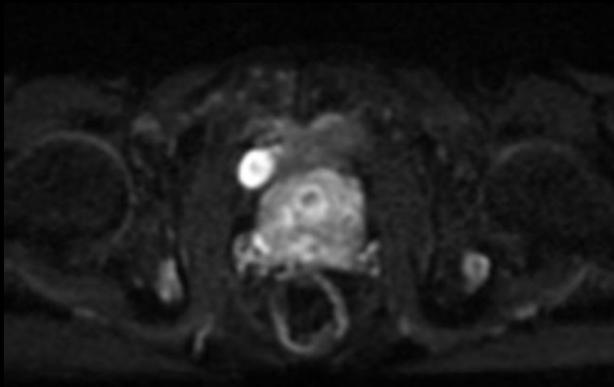
*Masatoshi Hori, MD, PhD
Osaka University Hospital Suita, Osaka, Japan*



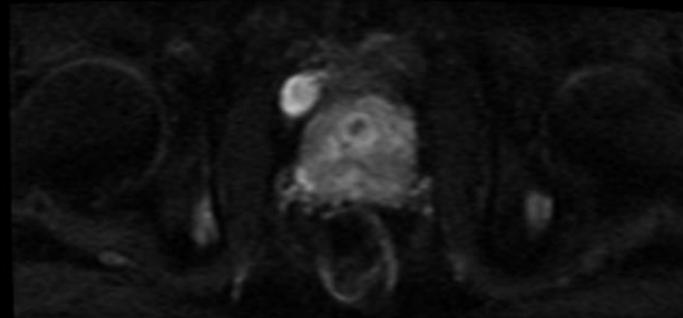
T2w Sag



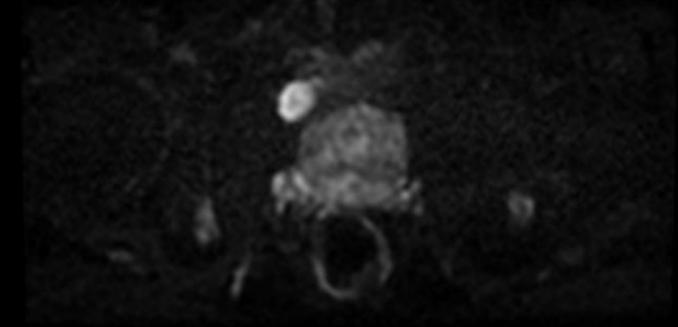
T2w Ax



Axial MUSE
b1000



Axial FOCUS
b1000



Axial Single Shot eDWI
b1000

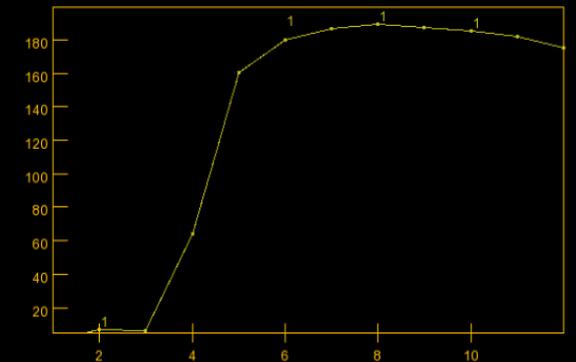
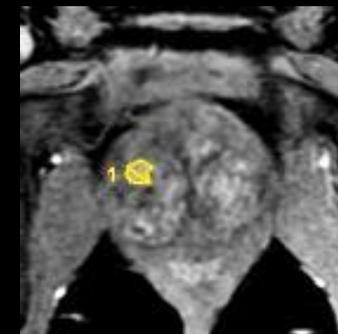
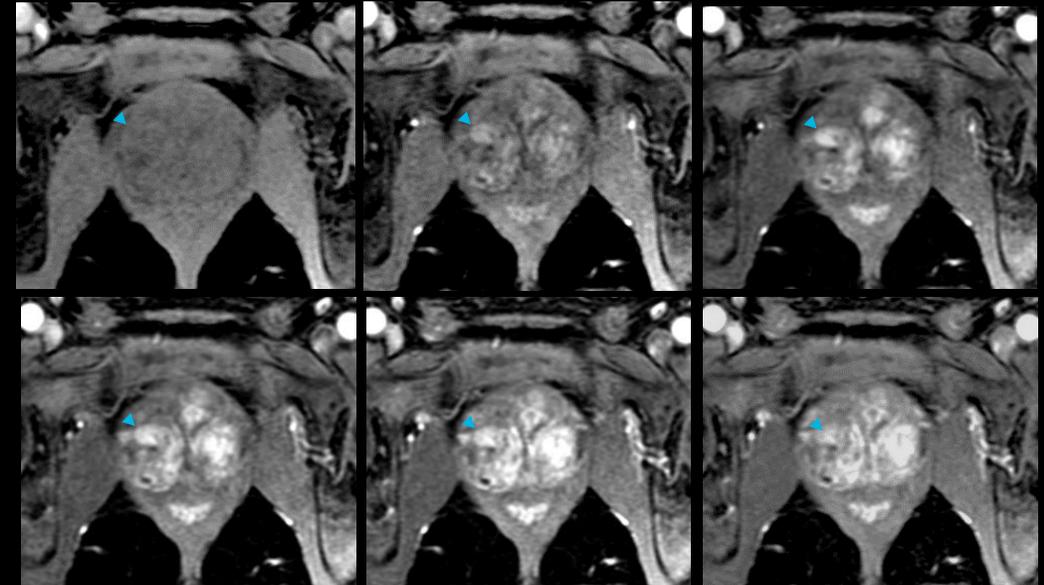
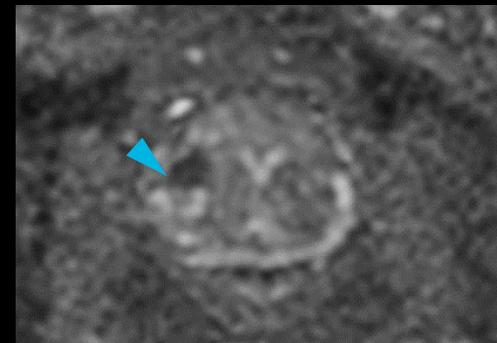
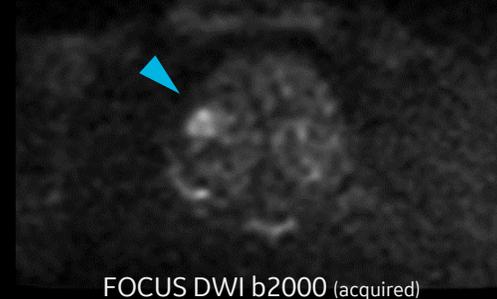
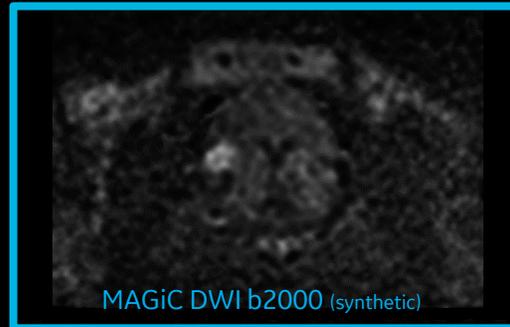


MAGiC DWI

Increases productivity for high b-values

High resolution results achieved on **DISCO** and **FOCUS DWI** series

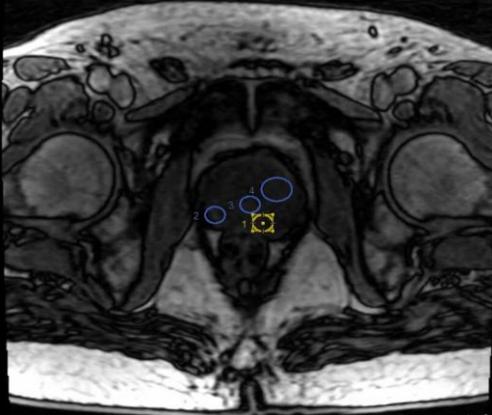
MAGiC-DWI at b2000 allows to see restricted diffusion areas more easily without the expense of scan time



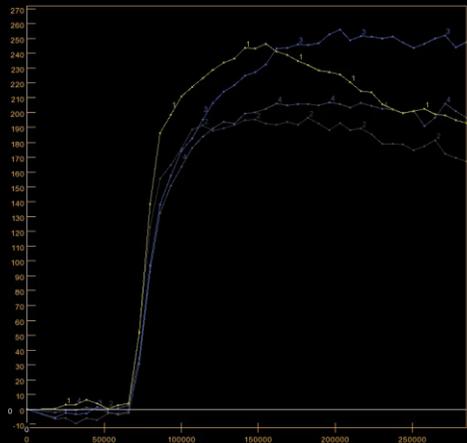
GenIQ

Permeability assessment

Dynamic Contrast Enhanced (DCE)



4D DISCO



SI/t Curve

4D DISCO for ultra-high temporal and spatial resolution
GenIQ for accurate permeability maps
READYView for seamless image fusion



Fusion: T2/Ktrans

4D DISCO
0.9 x 1.2 x 3.6 mm
4:35 min
6.8 sec Temp Res

*“Through new **SIGNA™Works** applications, now we are more comfortable with delivering accurate & solid results for challenging multi-parametric prostate exams.”*

Prof. Kantarci, Surp Pirgic Armenian Hospital, Turkey



PROView 2.0*

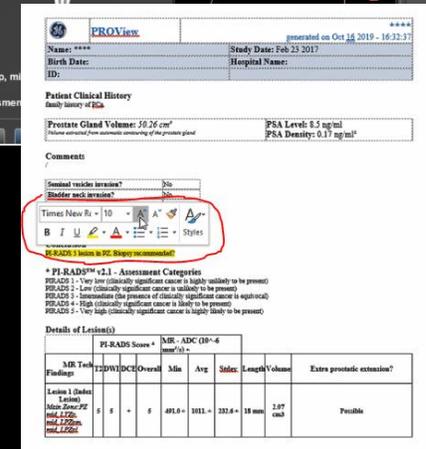
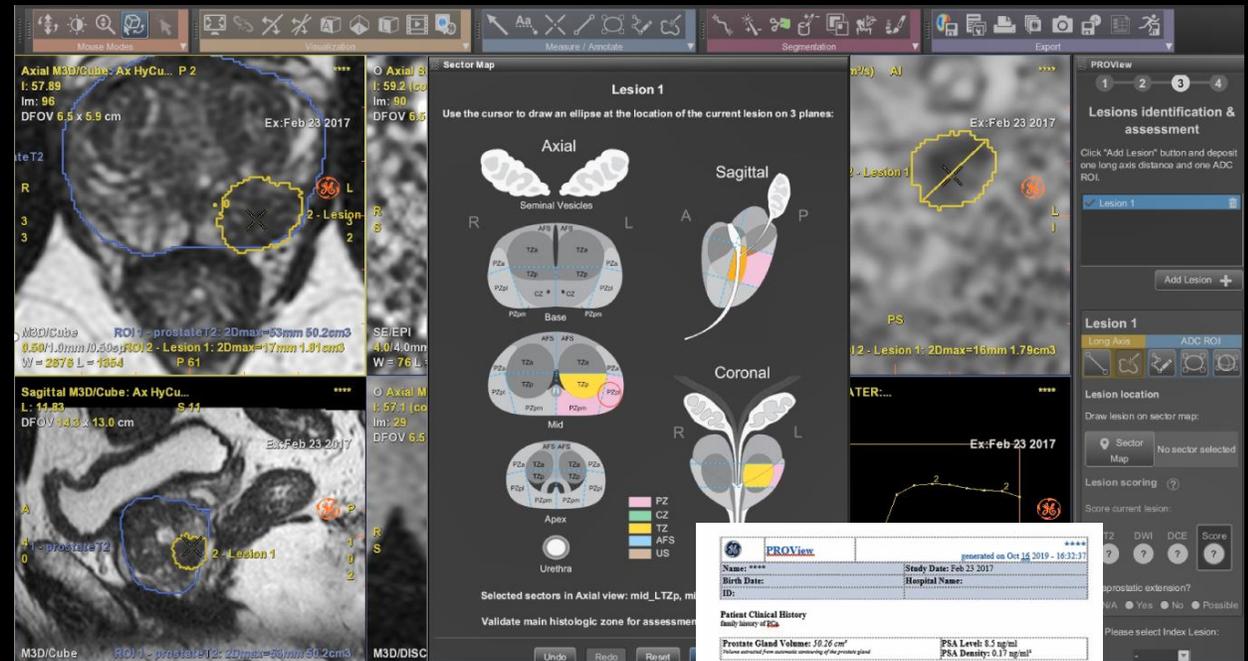
Automated prostate segmentation* and PI-RADS® v2.1 scoring and reporting

What is it?

- Simple, guided workflow includes prostate volume calculation, PSA density, lesion mapping and measurement utilizing PI-RADS® v2.1 report guidelines to help standardize the MR evaluation of prostate cancer

Benefits

- Utilizes deep learning to automatic prostate segmentation* delivering consistent results for quantification regardless of who is processing
- Lesion identification & assessment made easy through intuitive workflow integrated in Volume Viewer
- Provides comprehensive reporting in HTML format for easy integration into standard dictation software with linkable images





For more information, contact your GE Healthcare sales representative or [click here to contact us now.](#)

