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!

**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

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

Image Courtesy of Hopital Tenon, France
High Resolution Diffusion

"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
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

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

“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

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