Are you interested in redefining medical image analysis with us?

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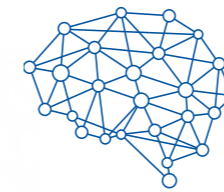
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FUSE-AI

More information about FUSE-AI

More information about Prostate.Carcinoma.ai©

FUSE-AI

Enhancing
MRI Analysis with
Prostate.Carcinoma.ai©

Prostate MRI without AI

Doe, John
*1966-03-01 ID:PROSTATE005
Routine Read
PI-RADS v2.1

2011-11-03
New
Read summary...

Indication
☐ Detection ☐ Localization ☐ Therapy monitoring
☐ Staging ☐ Recurrence ☐ Active surveillance

PSA value: Not assessed
PSA Density: Not evaluable
Index lesion
P...

Extracapsular extension No
Seminal vesicle invasion No

Key measurements
PRV Prostate Volume Not assessed
Prostate

Prostate lesions

Regional lymph nodes

Metastases

Findings

t2_tse_tra
t2_tse_tra
SN: 4
MR

Intensity: 127 (--)

L: 408 W: 828
IN: 10
SL: 0.12 mm
ST: 3.00 mm
PS: 0.50 / 0.50 mm

mint Lesion™

www.prostate.carcinoma.ai

Prostate MRI with AI

Benefits of Prostate.Carcinoma.ai© Plug-in

Simplify and speed up prostate screening according to PI-RADS 2.1

- Fully automated 3D segmentation of the prostate in MR T2 weighted images
- Detection and segmentation of prostate lesions in MR T2 weighted images
- Automatic mapping of lesions to the prostate lesion scheme

Light-weighted integration via DICOM communication

- Image data is transferred to Fuse-AI by using state-of-the-art DICOM anonymization
- Segmentation data for prostate and prostate lesions is transferred back via DICOM segmentation objects

Extension possibilities

- New use cases can be integrated seamlessly without extending the communication interface

"The development of innovative healthcare solutions needs strategical cooperations with competent and motivated partners who have capability to face the challenges and concepts to establish a well digitalized radiology. FUSE-AI understands how to enrich the healthcare market in radiology with quality."

- F. Burn, MD, Kantonal Hospital Aarau, Switzerland

Prostate.Carcinoma.ai© integrated into mint Lesion™
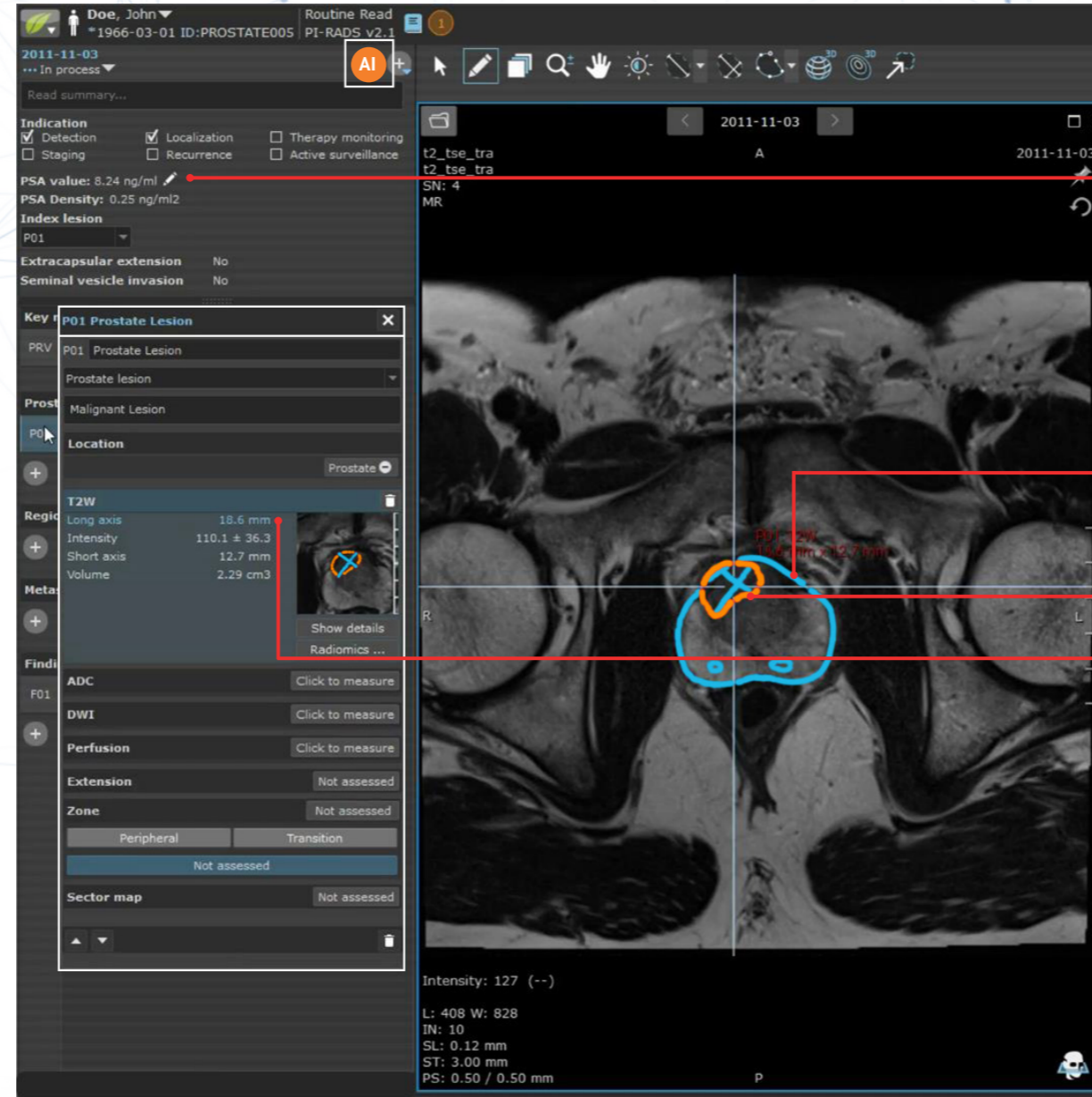
How it works

By providing a reliable and reproducible analysis of prostate MRI, exact prostate and lesion volumes and coordinates of ROIs can be determined. This information can be of use for an exact PSA density calculation as well as simplifying the targeting of suspicious lesions in guided biopsy.

Prostate.Carcinoma.ai© makes analysis more efficient

- Automated segmentation of the prostate
- Automated calculation of PSA density
- Automated segmentation of suspicious lesions
- Automated measuring of lesion size and mapping to lesion scheme

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