eXP
Technology

G·scan brio

White Paper

eXP
Esaote MRI,
more than technology
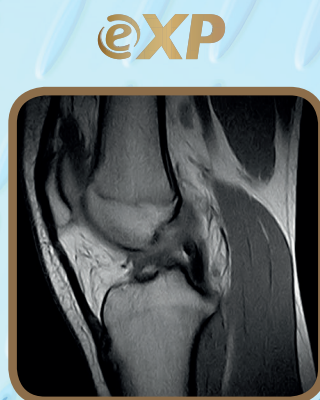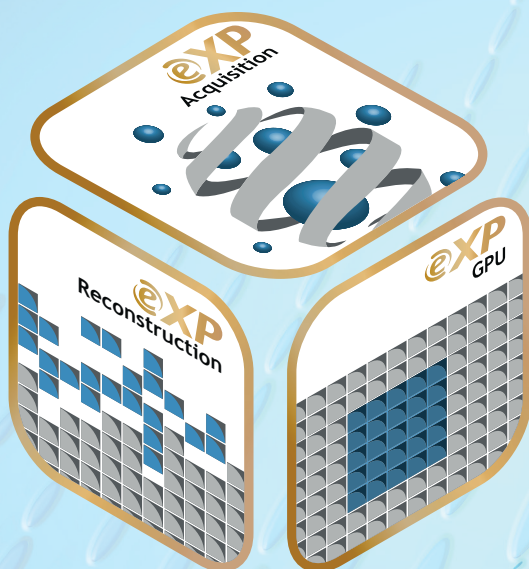
esaote

esaote
Creativity in Healthcare

eXP Technology

- **Faster MRI**
  Shorter examination times mean more comfort for the patient and better system economics.
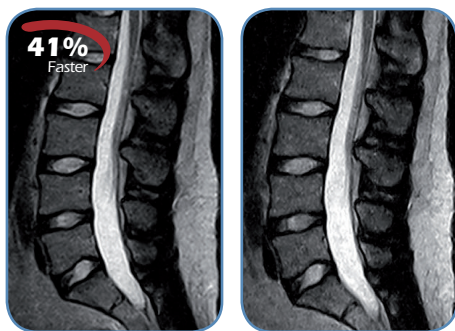
- **Better MRI**
  Better image quality stands for easier diagnosis and better marketing of your MRI service.

eXP Technology sums up to faster overall system response thanks to a number of sophisticated MRI software techniques and a high-power workstation.

eXP Performance enhancements

By combining sophisticated acquisition and reconstruction methods such as SpeedUp and TR reduction (patented by Esaote), eXP will substantially improve the MRI examination by reducing scantimes and improving image quality.
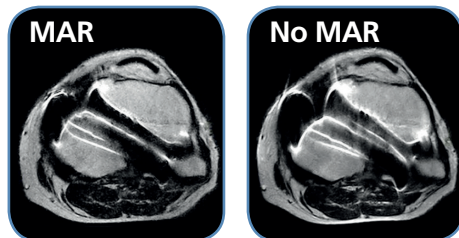

41% Faster

FSE-T2

FSE-T2

For some sequences, like FSE, a gain in scan time of up to 40% is feasible. In other applications eXP allows for the complete coverage of the joint acquiring high resolution images for a more accurate diagnosis, whilst maintaining the same scan time.

Advanced hardware

A hardware platform that can handle advanced software such as SpeedUp; designed for use in conjunction with a GPU for future developments based on parallel computing.

MAR

Metallic Artefact Reduction: facilitates imaging of patients with metallic implants

MAR

No MAR

In the images acquired with MAR, the artifacts are clearly reduced with improved diagnostic quality

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