PHILIPS

IRIS Zoom

MR Clinical application

Improved small FOV
spine diffusion imaging

IRIS Zoom delivers small FOV diffusion imaging with higher resolution, lower distortion and improved fat suppression than Philips Zoom DWI. Higher resolution diffusion imaging in the spine is achieved by employing 2D navigator-based motion correction integrated into the dS-SENSE framework. IRIS Zoom also delivers higher SNR in spine imaging compared to Philips MultiVane DWI XD TSE.

IRIS Zoom

Field strength	1.5T and 3.0T Ingenia MR systems, excluding Ingenia Prodiva 1.5T CS[1]
Main applications	Spine
Sequence	EPI based multi-shot Diffusion Weighted Imaging (DWI) and Diffusion Tensor Imaging (DTI)
Image contrast	Diffusion Weighted Imaging (DWI)
Image quality	- Higher resolution in spine imaging compared to Philips DWI TSE, lower distortion and improved fat suppression than Philips Zoom DWI - Delivers higher SNR in spine imaging compared to Philips DWI TSE

1 Ingenia Prodiva 1.5T is not for sale in the USA

Zoom DWI b400
Resolution: 2.5 x 2.5 x 3.0 mm
Scan time: 3:00 min
Ingenia 3.0T

Zoom DWI b800
Resolution: 1.2 x 1.2 x 3.0 mm
Scan time: 4:29 min
Ingenia 3.0T

IRIS Zoom DWI b800
Resolution: 1.2 x 1.2 x 3.0 mm
Scan time: 4:59 min
Ingenia 3.0T

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