



PHILIPS

mDIXON XD
MultiStation

MR Clinical application

Non-subtraction peripheral MR Angiography

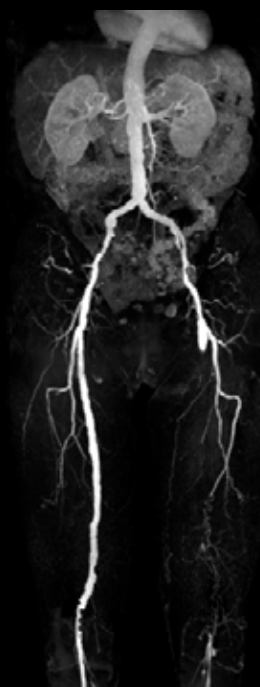
mDIXON XD MultiStation allows you to perform peripheral MR Angiography with improved vessel-to-background contrast by 30-36%¹ in only one single pass. You will be able to perform your peripheral MR Angiography acquisitions without the use of a subtraction mask, eliminating artifacts that could arise from misalignment, due to patient motion, between the pre and post contrast scan. Enjoy fast, robust peripheral MR Angiography.

¹As opposed to standard MRA technology relying on the subtraction of a pre and post contrast scan

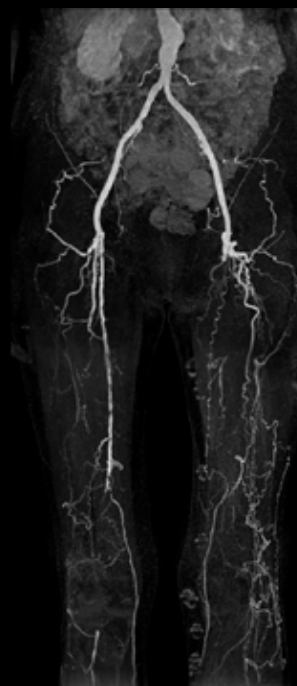
mDIXON XD MultiStation

Field strength	1.5T, 3.0T.
Main applications	Peripheral MR Angiography, Whole Body MR imaging.
Sequence	FFE, including 2 echoes with unrestricted echo times.
Fat suppression	mDIXON XD allowing improved fat-free imaging ¹ over large 400–500 mm FOV and for sub-millimetric resolution due to 7-peak spectral fat model and 3D full FOV B0 correction.
Image types	Acquire up to four image types in one single scan (water only, in phase, out phase, fat only).
Speed	Leverages the efficient dS SENSE parallel imaging technology to provide superior speed performance. More efficient, faster scanning due to the unrestricted echo-time (TE) approach in mDIXON XD allowing more freedom in protocol optimization.
Image quality	Optimal SNR due to dStream's digitization at the patient and mDIXON XD's unrestricted echo-time (TE) approach, allowing more freedom in protocol optimization.

¹ Compared to the standard Philips mDIXON algorithm



mDIXON XD MultiStation
Peripheral MR Angiography
2.1 x 1.8 x 1.5 mm
0:14 min /station
Ingenuia 1.5T



mDIXON XD MultiStation
Peripheral MR Angiography
1.3 x 1.3 x 1.4 mm
0:18 min /station
Ingenuia 1.5T