



Philips Arteriovenous TRANCE

Contrast-free vascular imaging from neck to toe

Arteriovenous TRANCE (AV TRANCE) is a non-contrast angiography and/or venography technique that promotes patient comfort and enables the evaluation of the vascular anatomy and its pathophysiology across multiple regions using relaxation times as endogenous contrast. AV TRANCE is a 3D, free-breathing, flow independent MRA technique and allows single-click planning.

Product benefits

- Flow independent
- Free breathing
- Large Field of View with fat suppression using mDIXON
- Single click planning
- Non-contrast angiography from neck to toe

Field strength	1.5T, 3.0T
Main applications	Abdomen, Breast, Cardiac, HeadNeck, MSK, Pelvis, Spine, Vascular
Sequence	Non-contrast angiography
Maps	Bright blood images in DIXON water contrast and MIP's of multiple angles.
Image types	DIXON water, DIXON fat
Speed	Can be combined with the efficient Compressed SENSE or SmartSpeed imaging technology to provide superior speed performance.
Image quality	Optimal tissue contrast of blood vessels due to background suppression by mDIXON.

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Post contrast 3D mDIXON
1.2 x 1.2 x 1.2 mm, 5:23 min



Arteriovenous TRANCE (contrast-free)
1.5 x 1.5 x 2.0 mm, 6:54 min

Courtesy Cincinnati Children's Hospital Medical Center | MR 7700 3.0T

