## PHILIPS

## **4D-TRANCE**

MR Clinical application

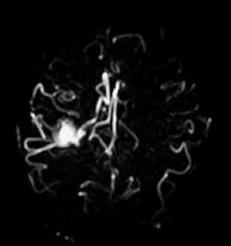
## **Contrast-free imaging** of brain vascular anatomy

4D-TRANCE is a time-resolved technique for non-contrast angiography, promoting patient comfort and enabling you to evaluate the patency of the vascular anatomy in the brain using endogenous contrast. 4D-TRANCE provides high temporal resolution, down to 160 msec, and MIP visualization of multiple phases.

## **4D-TRANCE**

Field strength	1.5T, 3.0T.
Main applications	Brain.
Sequence	Time-resolved non-contrast angiography.
Maps	MIP's of multiple phases.
Speed	Leverages the efficient dS SENSE parallel imaging technology to provide superior speed performance. <sup>1</sup> High temporal resolution, down to 160 msec.
Image quality	Optimal signal-to-noise due to dStream's digitization at the patient.

1 Compared to first generation SENSE.



4D-TRANCE (feeding vessels) 1.3 x 1.3 x 1.3 mm, 5:40 min Ingenia 3.0T



4D-TRANCE (draining vessels) 1.3 x 1.3 x 1.3 mm, 5:40 min Ingenia 3.0T

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