PHILIPS

3D NerveVIEW

MR Clinical application

Review nerve plexus, non-invasively

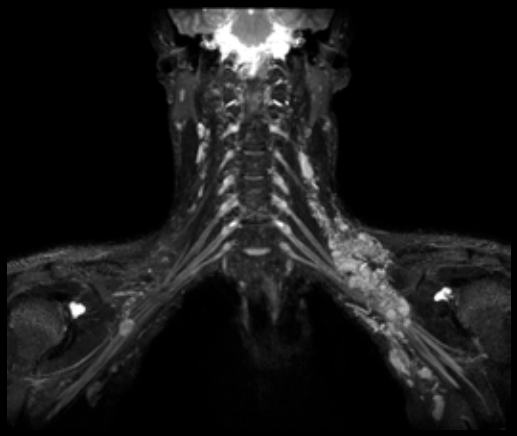
3D NerveVIEW improves visualization of the brachial and lumbar plexus by providing you with a high resolution T2w TSE acquisition with reduced remaining intra-lumen signal of the veins[1]. In addition, the 3D isotropic imaging method allows for reformats in any plane (including oblique) without loss of resolution helping you to save scan time and improve spinal nerve plexus assessment.

1 By use of MSDE black blood pre-pulse with STIR/SPAIR, compared to our STIR/SPAIR sequence without MSDE pre-pulse

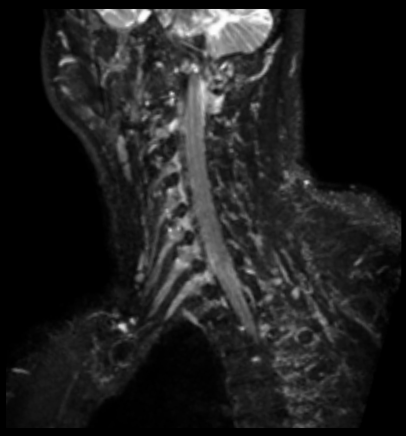
3D NerveVIEW

Field strength	1.5T, 3.0T.
Main applications	Brachial and lumbar nerve plexus.
Sequence	3D TSE with isotropic voxel size enabling reformats in any plane without loss of resolution.
Image contract	T2w with reduced remaining intra-lumen signal of the veins.[1]
Speed	Leverages the efficient dS SENSE parallel imaging technology to provide superior speed performance.[2]
Image quality	Optimal signal-to-noise due to dStream's digitization at the patient.

1 By use of MSDE black blood pre-pulse with STIR/SPAIR, compared to our STIR/SPAIR sequence without MSDE pre-pulse.
2 Compared to first generation SENSE.



3D NerveVIEW
1.2 x 1.2 x 1.0 mm, 4:53 min
Ingenia 3.0T
Courtesy: St. Jan Hospital, Brugge, Belgium



3D NerveVIEW (oblique reformat)
1.2 x 1.2 x 1.2 mm, 6:18 min
Ingenia 1.5T

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