



PHILIPS

ds HeadNeckSpine 1.5T

MR Coils

Faster exams and consistent high-quality imaging with dS Breeze coils

The dS HeadNeckSpine 1.5T is an integrated Breeze coil solution for head, spine, neck, brachial plexus and total neuro-related imaging.

The dStream digital RF architecture enables an exceptional signal-to-noise ratio (SNR) through digitization in the coil and enhanced dS SENSE parallel imaging performance. A mirror provides an open visual field and the head section of the coil can be tilted when used on wide bore systems to allow flexible positioning and enhance patient comfort.

The dS HeadNeckSpine 1.5T Breeze coil solution is designed to be positioned close to the anatomy, reducing spatial distance. This reduction, combined with shoulder-to-shoulder coverage, increased SNR and high image quality, meet the demanding requirements of head, neck, and brachial plexus imaging.

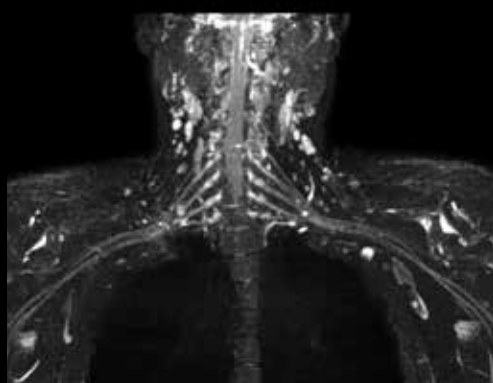
The dS HeadNeckSpine 1.5T coil solution consists of dS Head coil and dS MSK M 1.5T coil, combined with the dS Posterior coil that is integrated in the table. The solution delivers:

- Fast patient set up with Breeze Workflow and easy coil handling
- Easy exams with SmartSelect, which automatically detects and selects the right coil and coil elements to create the highest SNR for the region of interest
- Simplified patient positioning and coil placement
- Fast imaging with proven dS SENSE parallel imaging, offering up to 16 times faster imaging in core applications

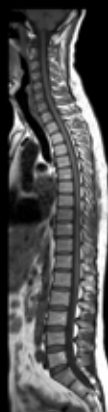
Simplify exams with SmartSelect: Automatically detects and selects the coil and coil elements that maximize the SNR for the region of interest.

dS HeadNeckSpine 1.5T

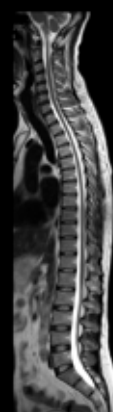
Coverage	45 cm (Head/Neck), 90 cm (Total Neuro)
Maximum number of channels	23 (Head/Neck), 59 (Total Neuro)
Main applications	Neuro-vascular, Head, Brain, Total Neuro and Total Spine (CTL) (solution with dS MSK Flex M and dS Posterior coils)
Data sampling	dStream digital broadband
Coil Connection	Cable-less connection of head top



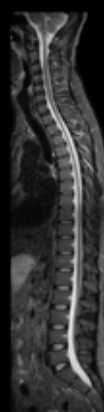
3D NerveView
4.46min



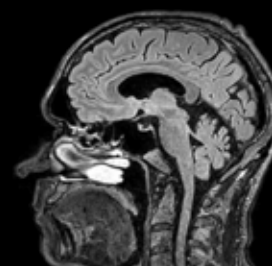
MobiView
T1, 4mm,
2.41min



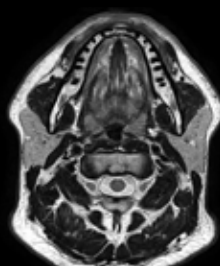
MobiView
T2, 4mm,
2.35min



MobiView
Stir, 4mm,
2.25min



3D BrainView
1.2x1.2x1.2mm
Flair, 3.07 min



T2 TSE
0.7x0.8x2mm
3.05min

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