PHILIPS

dStream Microscopy

MR coils

Expand your applications

dS Microscopy coil set for 1.5T and 3.0T systems with dStream

Key benefits

- Small FOV imaging with high in-slice resolution and SNR

- Combination of 23 mm and 47 mm diameter coil accommodates a wide variety of applications

- Extended coverage in combination with FlexCoverage Posterior coil or dS Flex coils

Our dS Microscopy coil set helps to expand your applications to patients and expand your referral base by providing small field of view imaging with high in-slice spatial resolution and a high signal-to-noise ratio (SNR).

It consists of one 23 mm coil designed for skin and finger imaging, one 47 mm coil designed for orbit and superficial vessel imaging, and two coil inserts that enable scanning of flat surfaces. The coil set also includes clinically optimized preset procedures to support fast, easy scanning. The dS microscopy coils can be combined with each other and with the FlexCoverage Posterior coil or dS Flex coils to support even more clinical uses. Part of the family of dS coils, the dS Microscopy coil set digitizes the signal close to the patient, resulting in outstanding imaging resolution.
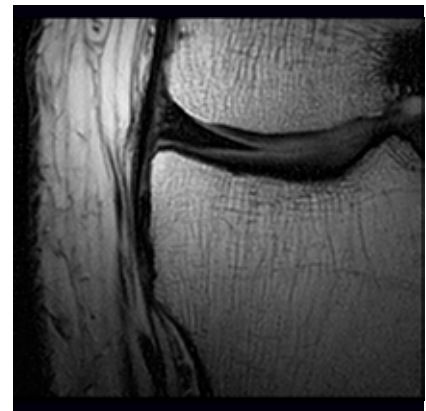
dStream Microscopy coil set

Dimensions	Large coil: 47 mm
	Small coil: 23 mm
Main applications	Skin
	Finger
	Orbit
	Superficial vessels
Coil solution type	Dedicated
Data sampling	dStream digital broadband
Coil connection	dStream Interface

Sagittal PDw aTSE – Finger
Resolution: 0.2 x 0.2 x 1.5 mm
Scan time: 3:16 min
Ingenia 1.5T
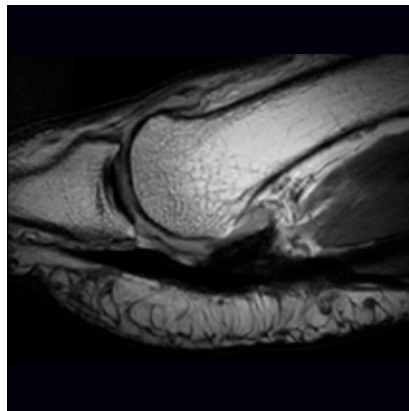
Sagittal PDw TSE – Foot
Resolution: 0.4 x 0.4 x 1.5 mm
Scan time: 4:03 min
Ingenia 3.0T

Coronal PDw TSE – Knee
Resolution: 0.4 x 0.4 x 1.5 mm
Scan time: 4:15 min
Ingenia 3.0T

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