

PHILIPS

dStream
T/R Knee 16ch

MR coils



Speed, coverage and high resolution knee imaging

Key benefits

- Enhance your performance through transmit/receive technology
- Fast exams with dS SENSE in all directions
- Large aperture of 15 cm for muscular or obese patients
- Easy positioning and large coverage for high throughput

A coil designed for imaging with high signal-to-noise ratio (SNR) over an extended field of view of the knee. The transmit/receive (T/R) design gives low RF deposition and short RF pulses to increase speed and SNR. Two overlapping rings of eight elements each extend the coverage area and reduce the need for precise positioning. dS SENSE enhanced parallel imaging can be selected in all directions. The dStream T/R Knee 16ch coil has a split design for easy patient setup and an ergonomically ramped insert to promote patient comfort.

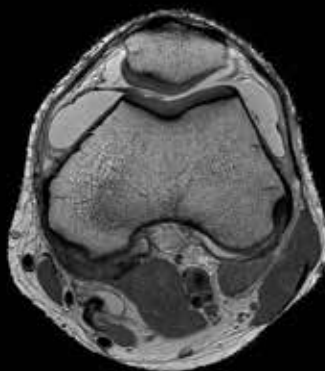
dStream T/R Knee 16ch coil

Systems	3.0T systems with dStream
Coverage	20 cm
Maximum number of channels	16
Main applications	Knee
Coil solution type	Dedicated transmit/receive
Data sampling	dStream digital broadband
Coil connection	T/R interface
SENSE parallel imaging	dS SENSE enhanced parallel imaging performance



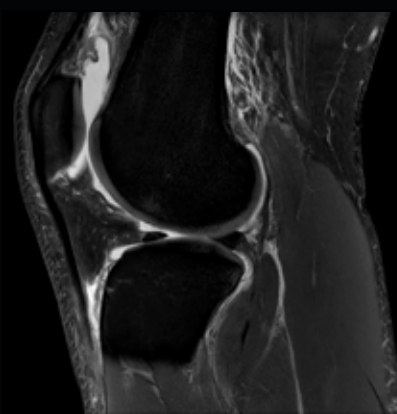
Coronal PDw TSE

Resolution: 0.2 x 0.3 x 1.5 mm
Scan time: 1:41 min
Ingenia 3.0T



Axial PDw TSE

Resolution: 0.3 x 0.3 x 1.5 mm
Scan time: 2:04 min
Ingenia 3.0T



Sagittal PDw SPAIR

Resolution: 0.3 x 0.4 x 2.5 mm
Scan time: 2:52 min
Ingenia 3.0T

Courtesy: Olympic Park, Melbourne, Australia

