



**PHILIPS**

dS MSK 16 1.5T

MR Coils

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

Smart Workflow with Breeze coils for MSK applications is powered by the dS MSK 16 1.5T coil solution. Its lightweight coil design and ease of positioning enable efficient workflow and high throughput for MSK and other applications. MSK exams can be performed while the posterior coils (head base and spine) are still present on the table, connected and actively decoupled. The solution supports feet first exams for most MSK studies, enhancing patient comfort.

Because the dS MSK 16 1.5T coil solution is composed of two distinct, flexible parts, it offers freedom in three dimensions to position the coil elements over the anatomy being imaged, supporting optimal image quality.

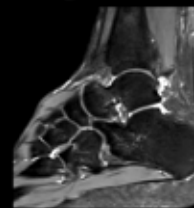
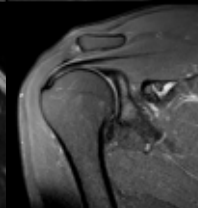
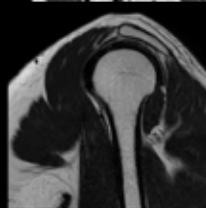
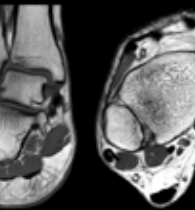
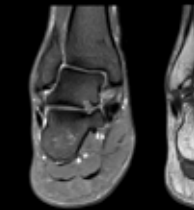
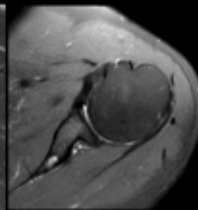
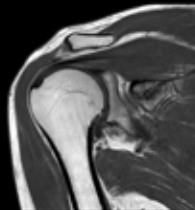
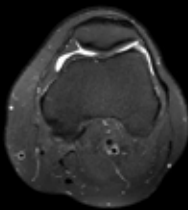
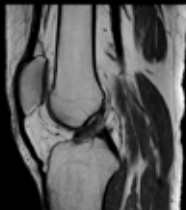
Simplify exams with SmartSelect: Automatically detects and selects the coil and coil elements that maximize the SNR for the region of interest

# dS MSK 16 1.5T

Coverage	23 cm
Maximum number of channels	16
Main applications	Wrist, Elbow, Hip joint, Knee, Foot-Ankle, Shoulder (solution with dS MSK Flex M and S coils)
Data sampling	dStream digital broadband
Coil Connection	dS Interface
Weight	~1.72 KG



The dS MSK 16 1.5T coil solution can be split in two components and used as a dS MSK M 1.5T coil and dS MSK S 1.5T coil to cover small anatomies like wrists, long bone, prostate, neuro-vascular and pediatric imaging.



cs2.5 T1 Sag, 67sec  
 cs3 PD FS Tra, 90 sec  
 cs3 PD FS Cor, 84sec  
 cs2.5 PD Sag, 52sec

**4.53**  
min

cs2 T1 Cor, 62sec  
 cs2 PD FS Tra, 78 sec  
 cs2 T2 Sag, 36sec  
 cs2 T2 FS Cor, 90sec

**4.26**  
min

cs2 PD FS Cor, 52sec  
 cs2.2 T1 Cor, 50 sec  
 cs1.8 T2 Tra, 36sec  
 cs2.8 DIXON Sag, 94sec

**3.52**  
min

