## **PHILIPS**

# Ingenia I.5T Comprehensive knee exam with Compressed SENSE

#### **ExamCard**

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#### ExamCard

Ingenia 1.5T Release 5 aTSE, Compressed SEN dStream, Knee, Muscul

## Download ExamCard

Please note that the ExamCard will be downloaded as a zip file. You will need to unzip the ExamCard first, before you can use is on your MRI scanner.

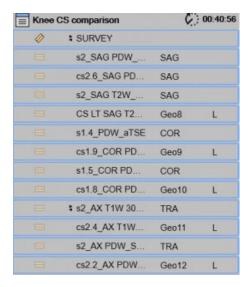
Note: Change the "Save as Type" to "All Files" (default is "Text Document") to ensure that the ExamCard is saved in the correct format (.ExamCard).

## **ExamCard description**

This is a comprehensive Release 5.6 ExamCard for knee imaging on Ingenia 1.5T. Compressed SENSE is used in 2D sequences to reduce the overall examination time without losing image quality.

This ExamCard includes comparisons of all sequences showing virtually no compromise in image quality when using Compressed SENSE to shorten the scan time of 2D Knee sequences.

## **ExamCard overview**



## **ExamCard parameters**

Sequences		Scan time	Voxel size
Sagittal PDw aTSE	No Compressed SENSE	2:54 min.	0.3 x 0.4 x 3.0 mm
Sagittal PDw aTSE	With Compressed SENSE	2:10 min	0.3 x 0.4 x 3.0 mm
Sagittal T2w SPAIR	No Compressed SENSE	5:31 min.	0.4 x 0.5 x 3.0 mm
Sagittal T2w SPAIR	With Compressed SENSE	4:38 min.	0.4 x 0.5 x 3.0 mm
Coronal PDw aTSE	No Compressed SENSE	2:44 min.	0.3 x 0.4 x 3.0 mm
Coronal PDw aTSE	With Compressed SENSE	1:56 min	0.3 x 0.4 x 3.0 mm

Coronal PDw SPAIR	No Compressed SENSE	4:35 min.	0.4 x 0.5 x 3.0 mm
Coronal PDw SPAIR	With Compressed SENSE	3:35 min.	0.4 x 0.5 x 3.0 mm
Axial T1w TSE	No Compressed SENSE	3:05 min.	0.3 x 0.4 x 3.0 mm
Axial T1w TSE	With Compressed SENSE	2:33 min.	0.3 x 0.4 x 3.0 mm
Axial PDw SPAIR	No Compressed SENSE	3:49 min.	0.4 x 0.5 x 3.0 mm
Axial PDw SPAIR	With Compressed SENSE	3:12 min.	0.4 x 0.5 x 3.0 mm

Courtesy of University of Vermont Medical Center, Burlington, USA



## **Ingenia 1.5T Comprehensive knee exam with Compressed SENSE**

MRI • ExamCard By: DeStigter, Krister

This comprehensive Release 5.6 ExamCard for knee imaging on Ingenia 1.5T includes comparisons of all sequences showing virtually no compromise in image  $\,$  On: Jul 03, 2020  $\,$ quality when using Compressed SENSE to shorten the scan time of 2D Knee sequences.

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