



## Ingenia 1.5T Total spine with Compressed SENSE

### ExamCard

MRI NetForum Team • Philips Healthcare • Netherlands

### ExamCard

Ingenia 1.5T  
Release 5  
Compressed SENSE, dS  
mDIXON, mDIXON TSE  
XD, Musculoskeletal, N  
Oncology, Spine, Total

### Download ExamCard

Download

Please note that the ExamCard will be downloaded as a zip file.  
You will need to unzip the ExamCard first, before you can use it 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 5.4 ExamCard for total spine imaging on Ingenia 1.5T.

Compressed SENSE is integrated in all sequences to 1) reduce scan times without sacrificing image quality, and 2) to shorten the time on the table for the patient.

The T2w mDIXON XD TSE sequence covers both the thoracic and lumbar spine in only 5:20 minutes total scan time, providing different contrast types (Water Only and In Phase).

### ExamCard overview



| Images  | Voxels             | Scan time<br>Thoracic + Lumbar |
|---|--------------------|--------------------------------|
| Sag T2w mDIXON XD TSE Water Only + In Phase     | 0.8 x 1.1 x 4.0 mm | 2:30 + 2:50 min.               |
| Ax T2w TSE (T4)                                 | 0.7 x 0.9 x 4.0 mm | 1:39 min.                      |
| Ax T2w TSE (T4) High resolution                 | 0.6 x 0.8 x 4.0 mm | 2:32 min.                      |
| Sag T1w TSE                                     | 0.8 x 1.2 x 4.0 mm | 1:26 + 1:20 min.               |
| <u>Post contrast</u>                            |                    |                                |
| Sag T1w mDIXON XD TSE Water only                | 0.8 x 1.0 x 4.0 mm | 2:43 + 2:40 min                |
| Ax T1w mDIXON XD TSE (T4) Water only + In Phase | 0.8 x 1.2 x 4.0 mm | 2:48 min.                      |
| Ax T1w mDIXON XD TSE (T8) Water only + In Phase | 0.8 x 1.2 x 4.0 mm | 2:49 min.                      |

Courtesy of Radiologie am St. Joseph-Stift, Bremen, Germany



**Ingenia 1.5T Total spine with Compressed SENSE**

Release 5.4 ExamCard with Compressed SENSE in all sequences to reduce scan times without sacrificing image quality and to shorten the time on the table for the patient.

**MRI • ExamCard**

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