

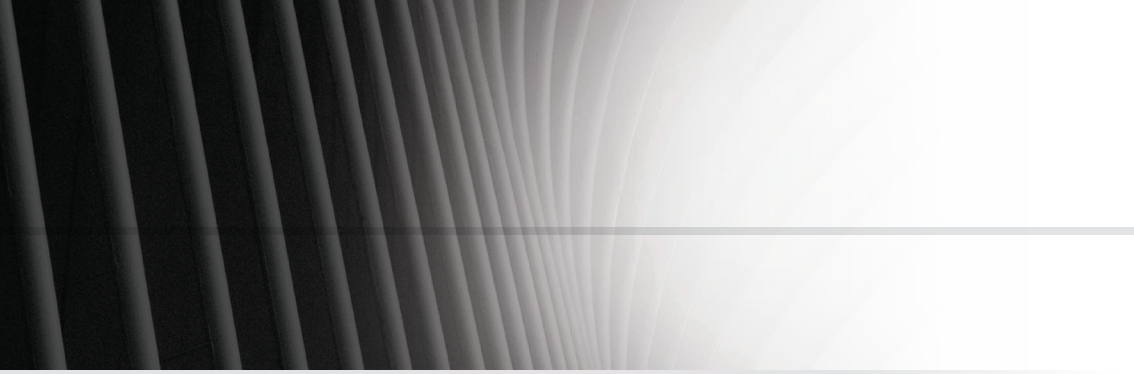
MRI Guide

Is my patient safe in an MRI?

☑ Lumbar and Ven-
tricular Catheter

☑ External CSF
Drainage System





INTRODUCTION

As an imaging professional, you regularly receive patients equipped with Sophysa medical devices and you wonder about the risks related to MRI and the precautions to take?

This guide is for you!

It reviews the main risks and details the safety rules to be applied. It gives you the keys to a safe examination for you and your patient.

Summary

Systems and lumbar catheters	p.3
Ventricular catheters	p.4

External CSF drainage Systems

Products references

DE-210	DE-109	DE-308	DE-408
DE-410	DE-108	DE-309	DE-409



MR CONDITIONAL EXAMINATION CONDITIONS



- 1.5 or 3 Tesla
- Scan duration limited to 1 hour



- Whole body averaged SAR (Specific Absorption Rate) limited to 2 W/kg (normal operating mode) or 4 W/kg (Mode of first level controlled operation) for 1 hour exposure at 1.5 or 3 Tesla.



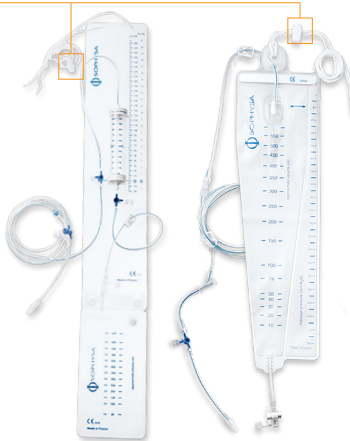
Cord lock : Gradient magnetic fields limited to 5.2 T/m.



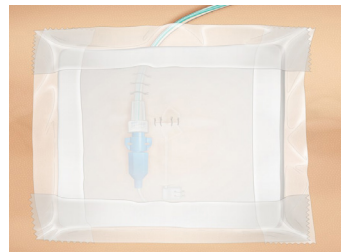
Compression Hub : Gradient magnetic fields limited to 34.1 T/m.



The Cord lock must be closed as tight as possible, so that there is no non-rigid cord between the cord-lock and the plastic backplate.



Attach the lumbar catheter to the patient's skin.



Immediate effects



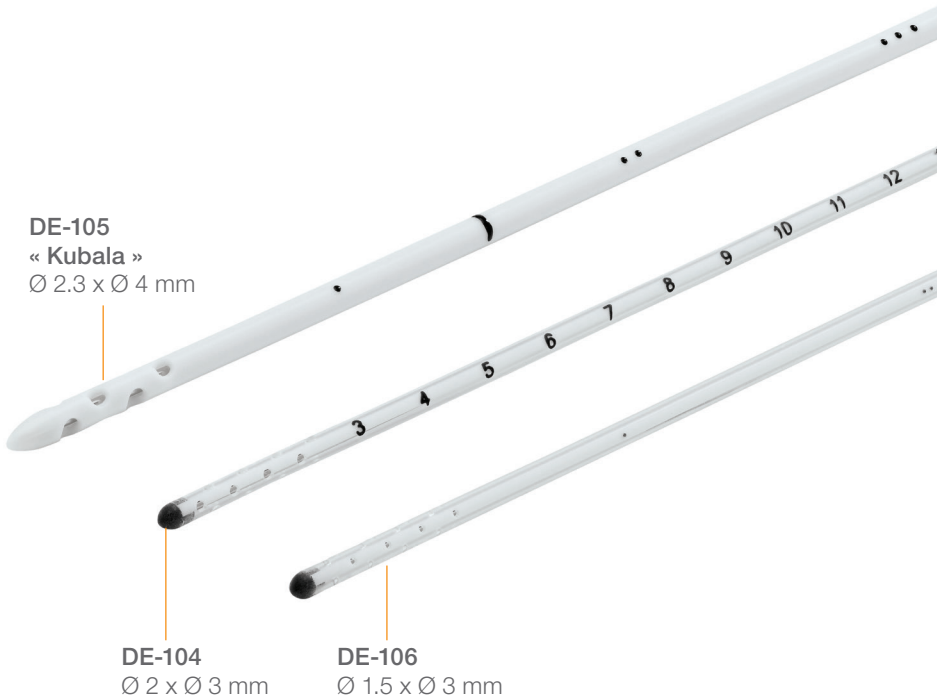
Maximum temperature rise of less than **2°C**, at both 1.5 or 3 Tesla after 1 hour of continuous scanning.

External CSF Drainage System

Products references

DE-104	DE-305
DE-105	DE-405
DE-106	

MR MR SAFE



Notes

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Notes



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