

AIR EC Capabilities

System Name [↗](#)

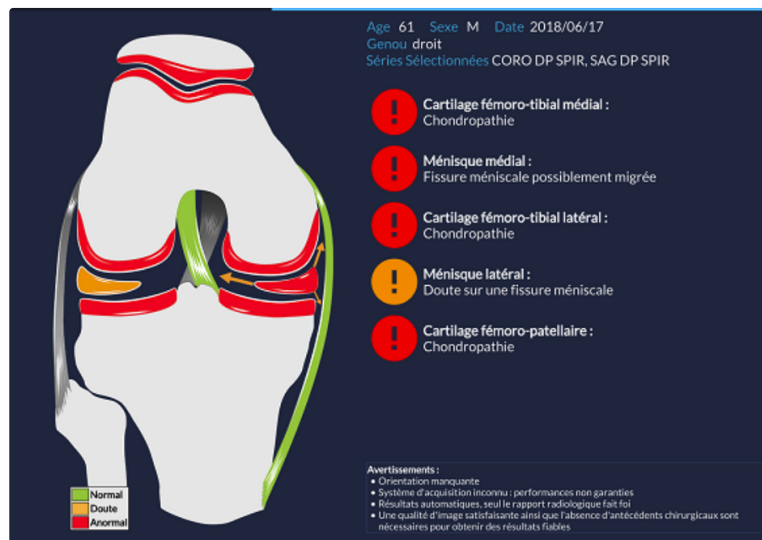
Incepto Gateway - this is our connector that implements the DICOM protocol/interface. Behind this, we do have several Medical Device applications that generate DICOM-SR files. We would like to test two of them:

- 1 - one from us, named KEROS
- 2 - one from one of our partner Aldence that we distribute called VeyeLungNodules

AI Algorithm Description [↗](#)

KEROS [↗](#)

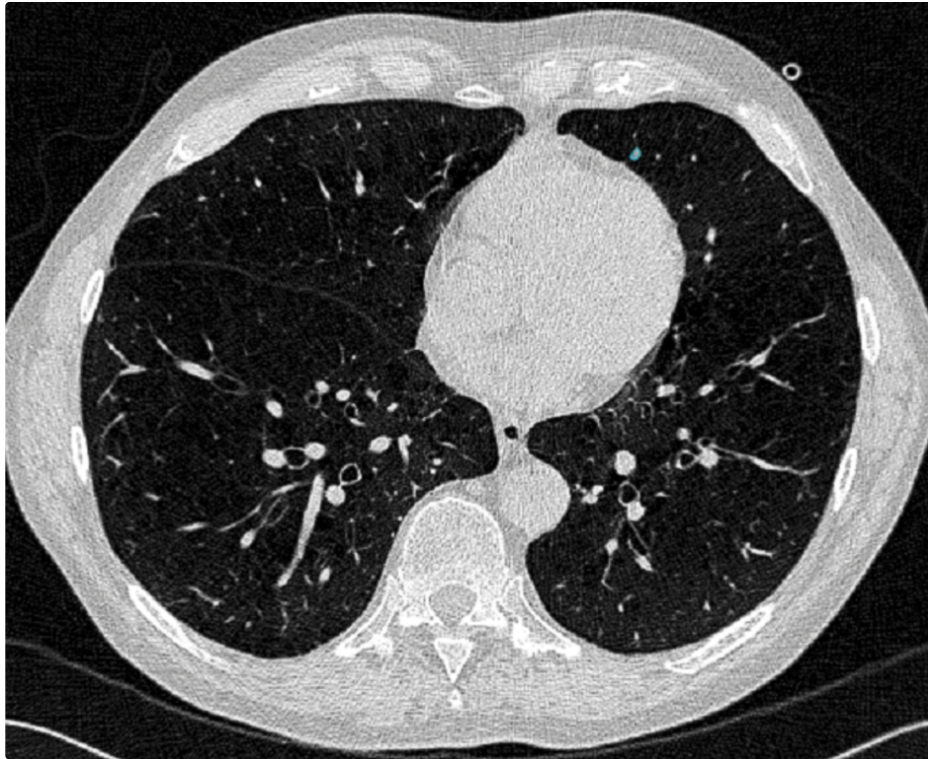
Application that detects Knee pathologies from MRI exam such as cartilage and meniscus lesions and ligament tears. For example:



KEROS generates comprehensive 3D SR IOD

VeyeLungNodules [↗](#)

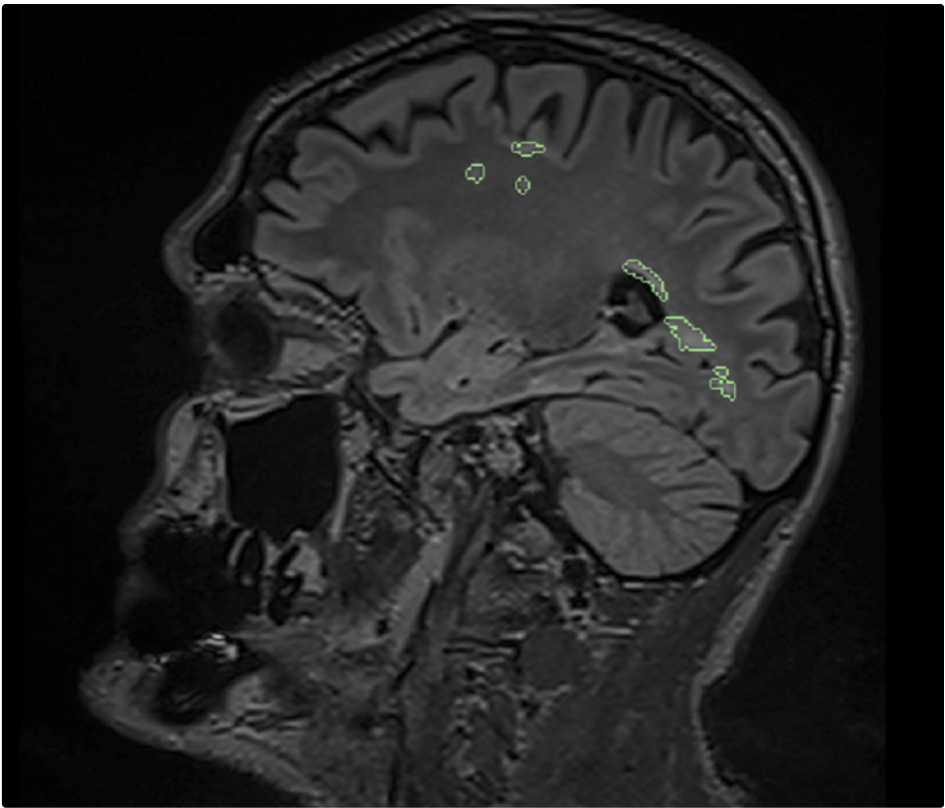
The VeyeLungNodule example shows 10 nodules detected from the original series. Below is a screenshot of one segmentation of this nodule (see blue part top right).



VeyeLungNodule generates Comprehensive 3D SR IOD

Pixy Neuro MS

This application generates segmentation of multiple sclerosis lesions (with color code for longitudinal study)



	Qualitative findings	measurements	locations	regions	parametric map	tracking identifier	image reference
KEROS	X						
VeyeLung Nodule	X	X (TID 1411)	X	X (pixel/voxel-based regions)			X
Pixyl				X		X	X