

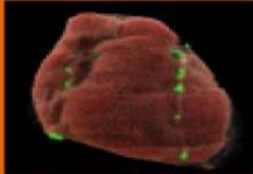














Powerful reading. Actionable results.

Reading as it should be.
syngo.via



AI in Radiology

AI in Radiology	Organs					Body region
	 Lesion	 COPD	 Cor. Calcium	 Aorta	 Spine	 Chest
SIEMENS Healthineers	✓	✓	✓	✓	✓	✓
GE Healthcare  ARTERYS	✓		✓	✓		
PHILIPS  RIVERAIN TECHNOLOGIES	✓	✓				
UNITED IMAGING 	✓	✓			✓	
Carestream  zebra		✓	✓		✓	
NUANCE  zebra  aidence	✓	✓	✓		✓	
SECTRA  RIVERAIN TECHNOLOGIES  aidence	✓					
Canon  RIVERAIN TECHNOLOGIES	✓					

AI-Rad
Companion

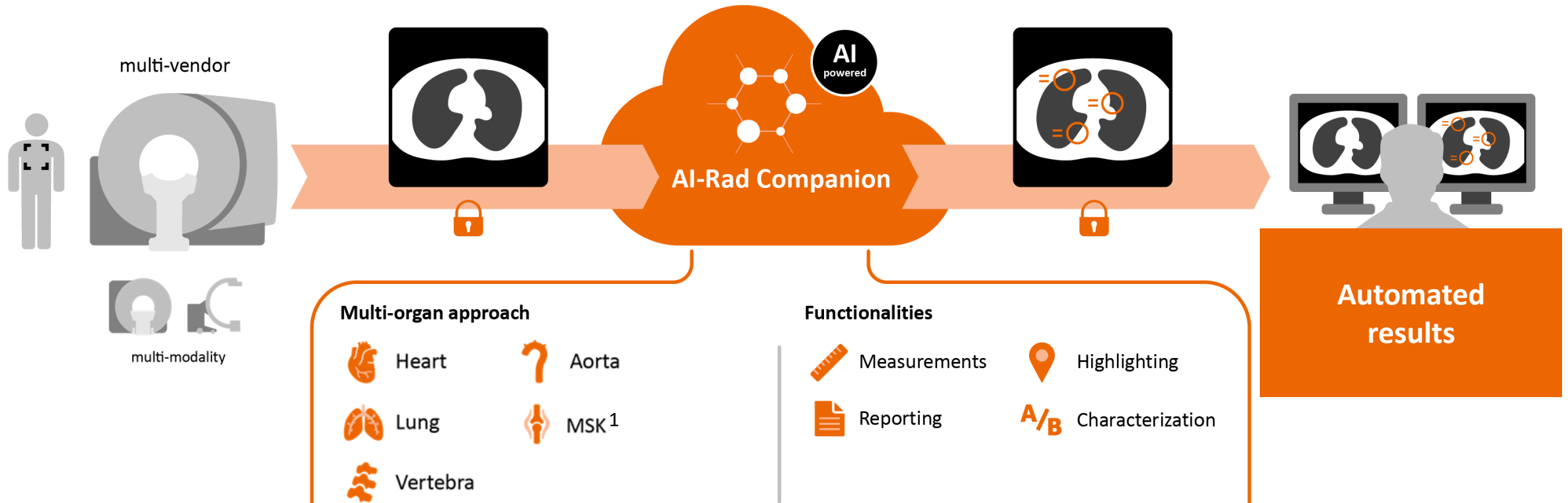
AI-Rad Companion

The assistant powered by AI

AI-Rad Companion is 510(k) pending, and not yet commercially available in the United States and other countries.



AI-Rad Companion, seamlessly integrates into your hospital environment – and your workflows



AI-Rad Companion is 510(k) pending, and not yet commercially available in the United States and other countries.

1) Under development. Not available for sale.

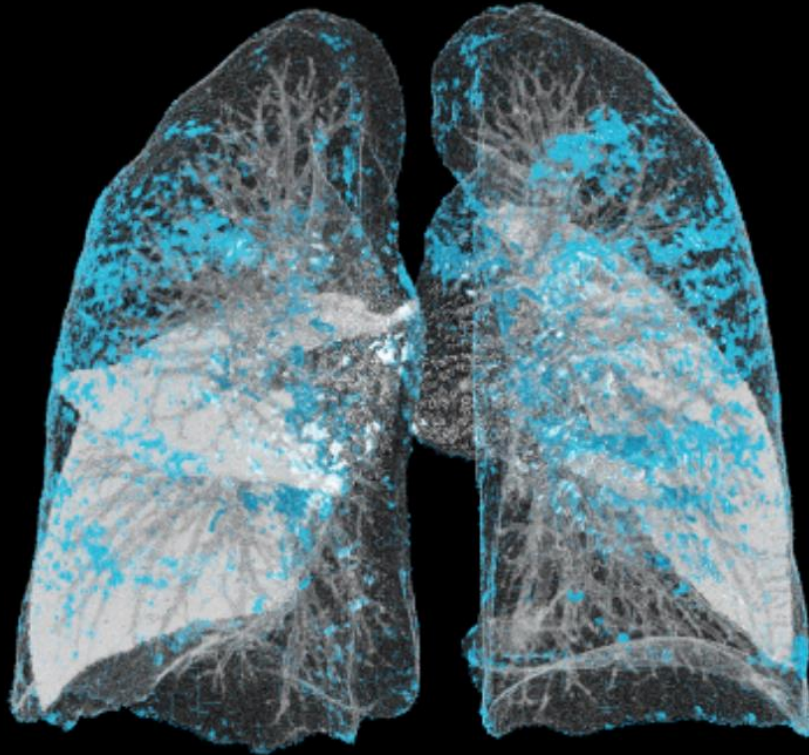


AI-Rad Companion Chest CT

AI-Rad Companion is 510(k) pending, and not yet commercially available in the United States and other countries.

AI-Rad Companion PACS-ready results

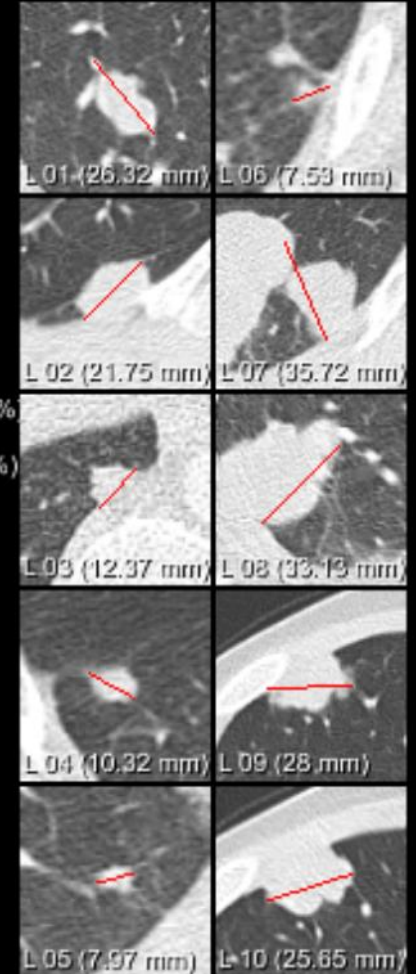
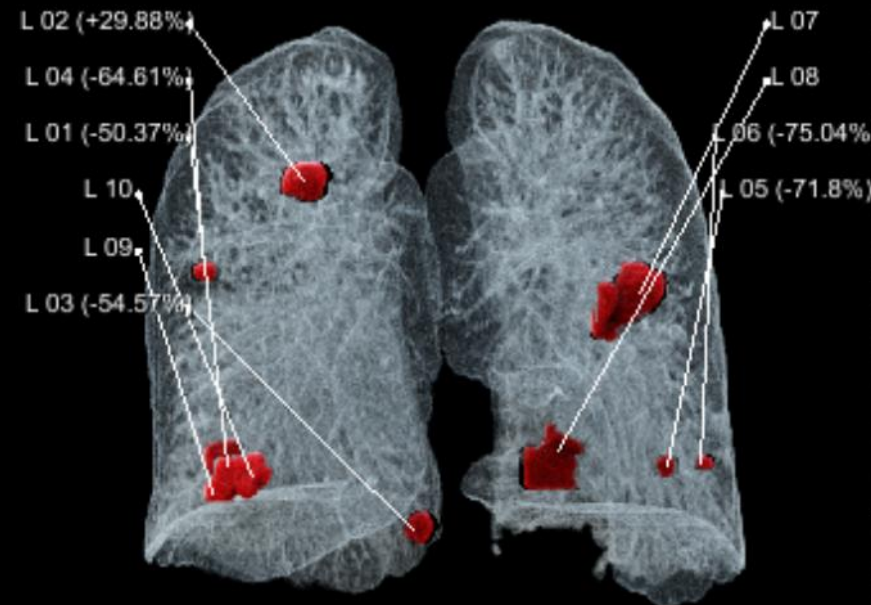
Lung nodules and emphysema



Lung Measurements

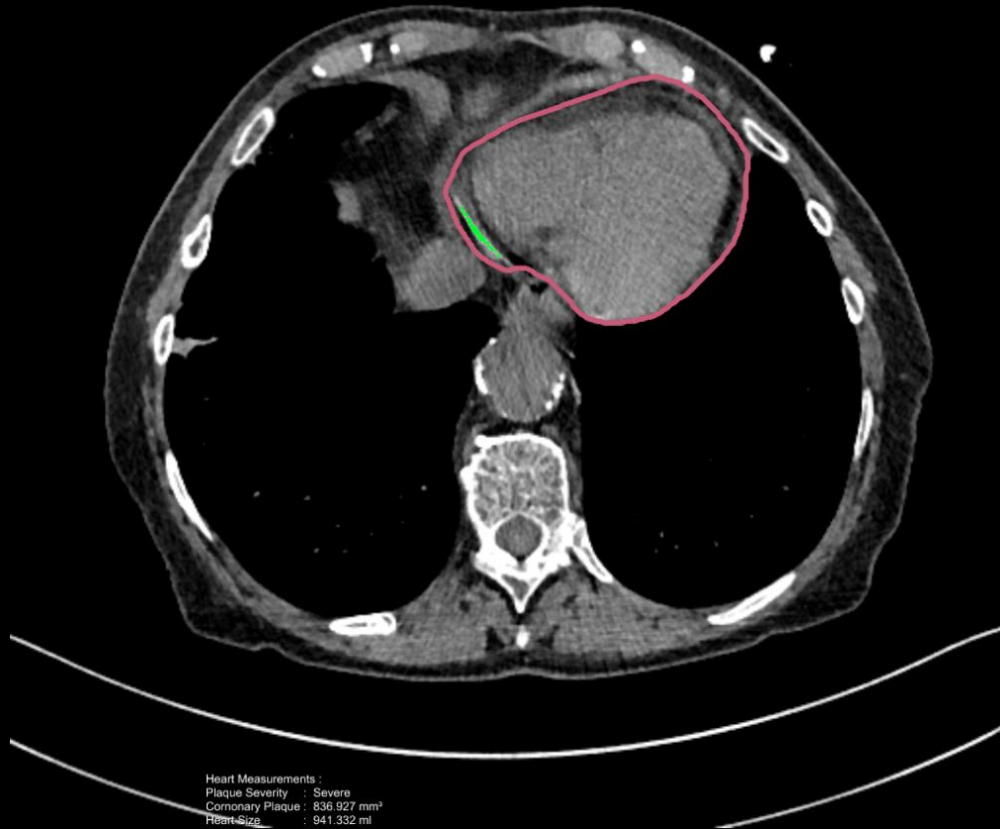
Percent of low attenuation volume below -950 HU (%LAV950)

Whole Lung	: 2.02 %	Right Upper Lobe	: 2.47 %
Left Upper Lobe	: 3.56 %	Right Middle Lobe	: 2.91 %
Left Lower Lobe	: 0.97 %	Right Lower Lobe	: 0.73 %



AI-Rad Companion PACS-ready results

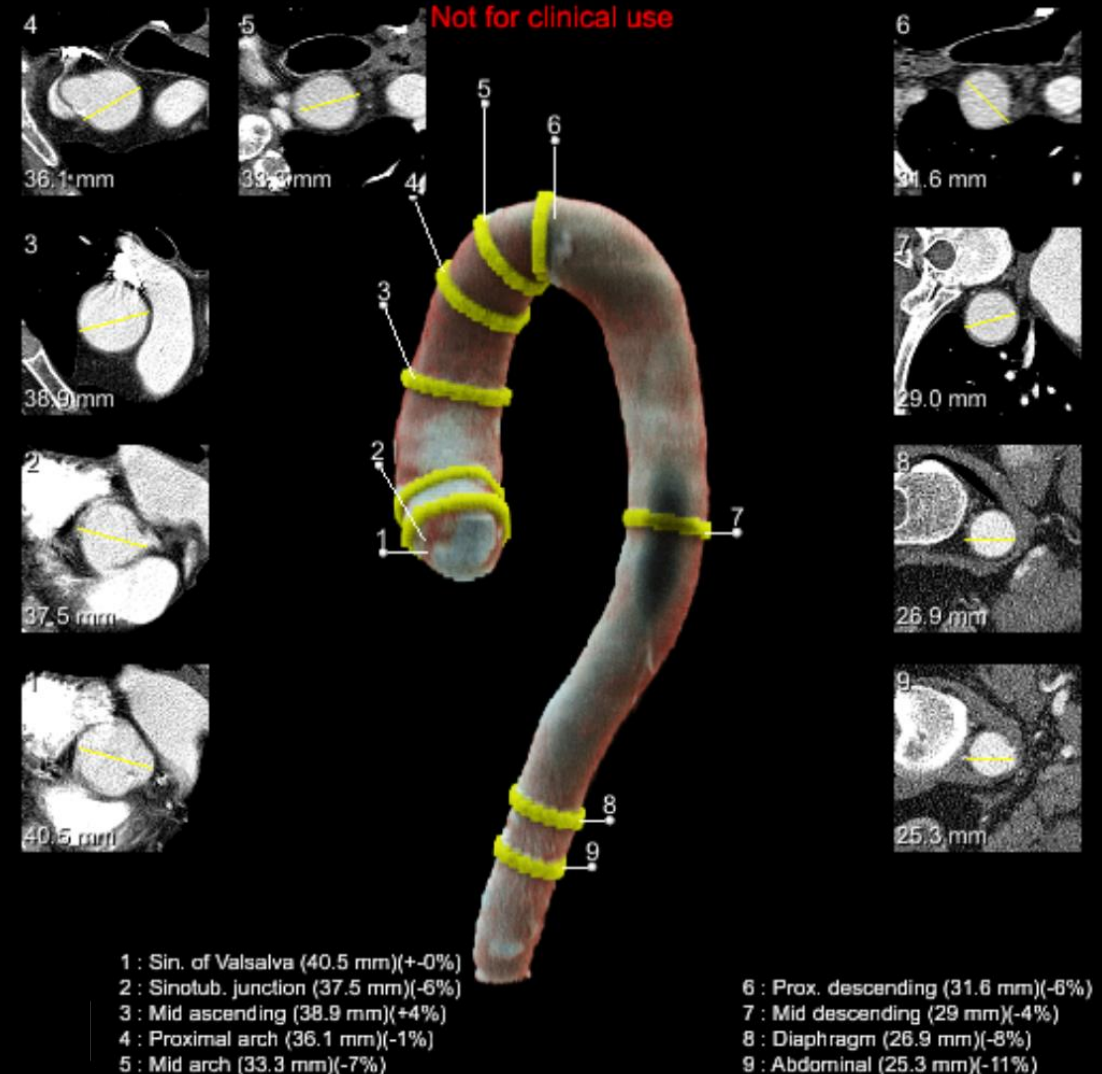
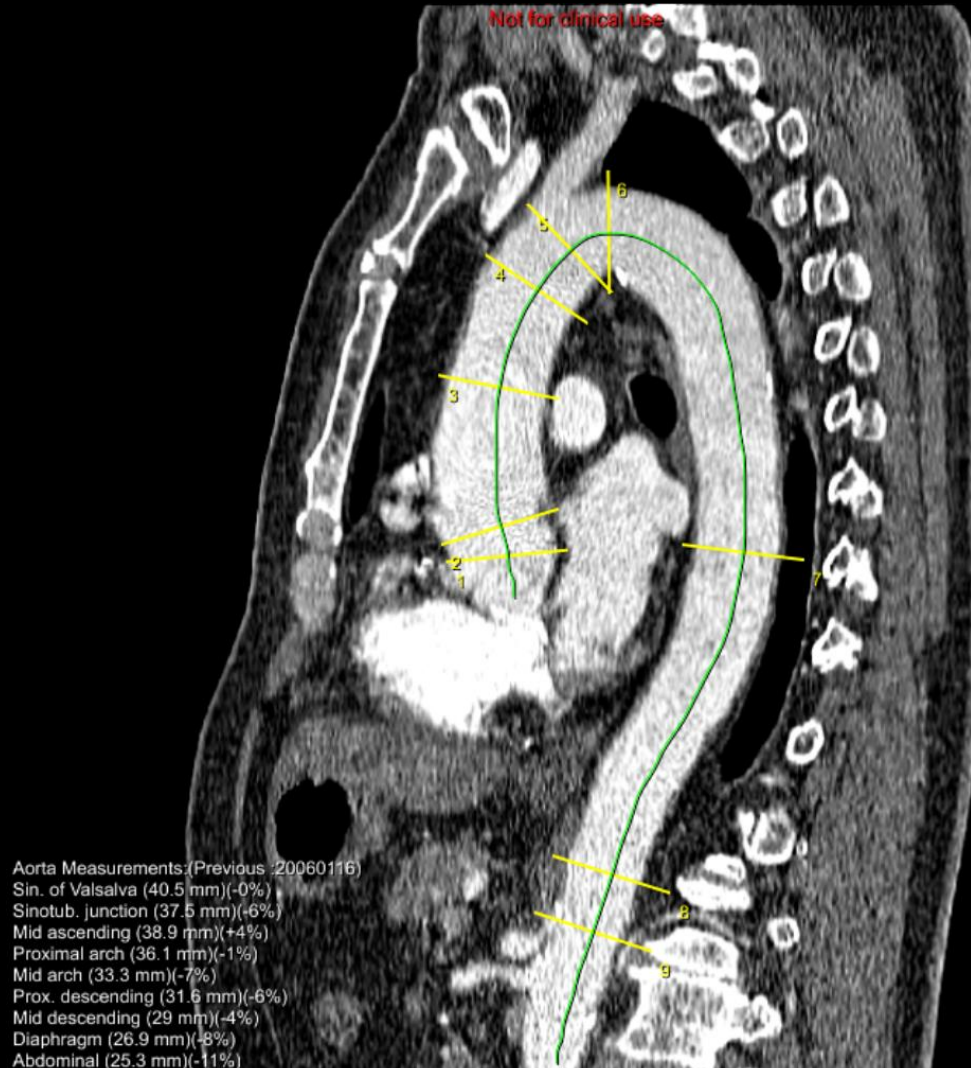
Cardiac assessment



Heart size and Calcium burden

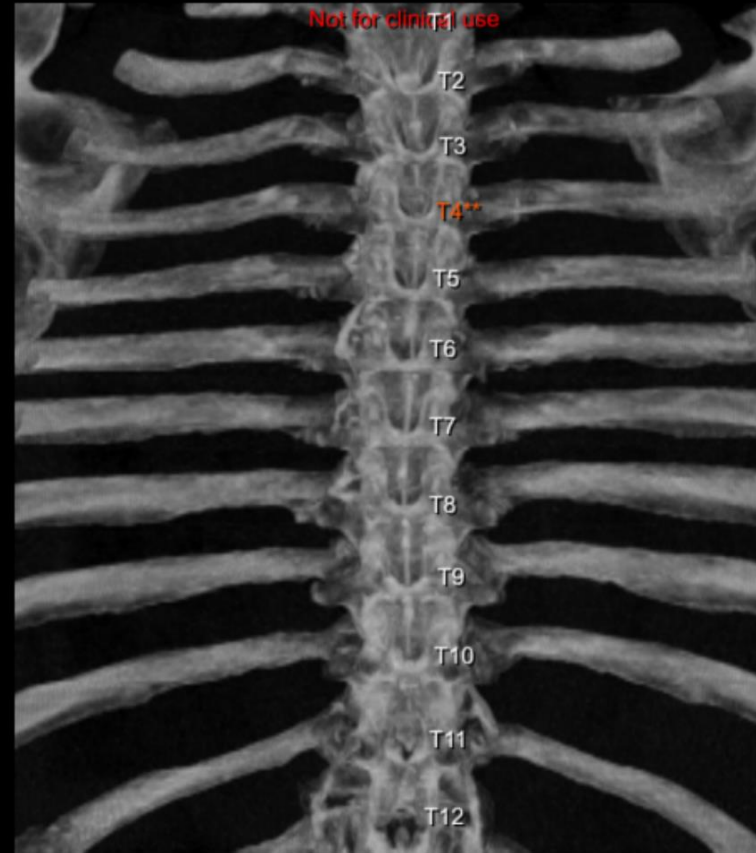
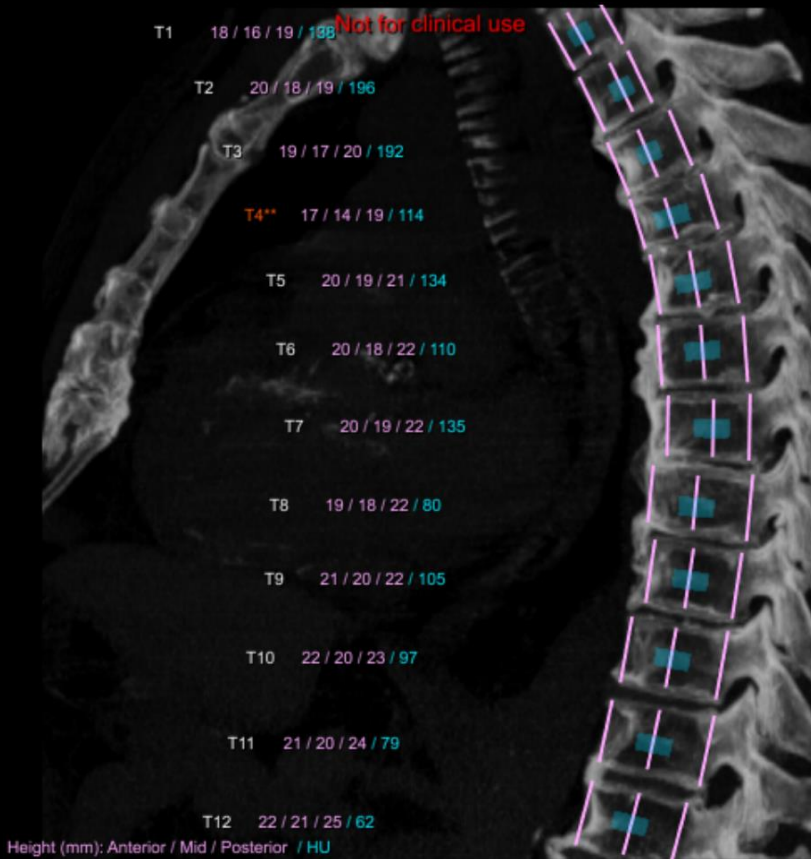
AI-Rad Companion PACS-ready results

Aortic measurements



AI-Rad Companion PACS-ready results

Vertebral body assessment



AI-Rad Companion PACS-ready results

Summary

Patient : ChestAI_Nbg042
1951-01-01

Exam Date : 2018-06-20

Lung

Emphysema quantification (%LAV950) :

Whole lung	: 11.85%	Right lower lobe	: 12.99%
Left lower lobe	: 14.19%	Right middle lobe	: 31.96%
Left upper lobe	: 8.29%	Right upper lobe	: 5.59%

Lesions

Lesion 01 (Left lower lobe)

Volume	: 32727.2 mm ³	Previous :	--
2D-Recist	: 43.1 mm		--
3D-Recist	: 49.2 mm		--

Lesion 02 (Left lower lobe)

Volume	: 581.6 mm ³	Previous :	--
2D-Recist	: 14.2 mm		--
3D-Recist	: 16.2 mm		--

Lesion 03 (Left lower lobe)

Volume	: 237.3 mm ³	Previous :	--
2D-Recist	: 9.6 mm		--
3D-Recist	: 10.9 mm		--

Heart

Heart	: 1050.1 ml	Coronary Plaque	: 79.1 mm ³
Calcium burden	: Mild		

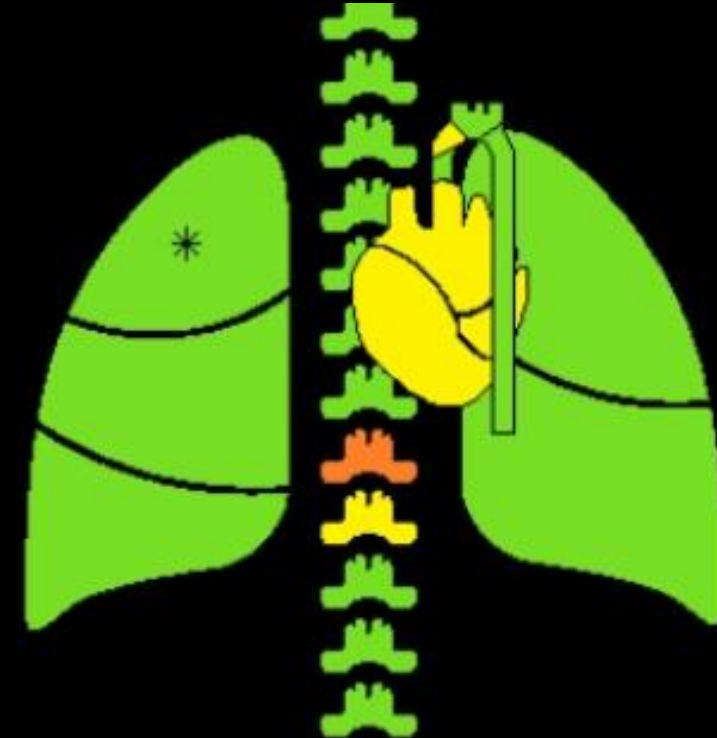
Vascular

Aorta diameters (mm)

Sin. of Valsalva	: 45.3	Prox. descending	: 31.9
Sinotub. junction	: 41.3	Mid descending	: 31.6
Mid ascending	: 44.0	Diaphragm	: 30.2
Proximal arch	: 38.0	Abdominal	: 30.1
Mid arch	: 34.2		

Spine

	height (mm)			corr. HU
	ant	mid	post	
T1	16	14	12	130
T2	20	16	20	128
T3	17	16	18	135
T4	20	17	19	129
T5	20	18	20	134
T6	20	17	21	137
T7	19	17	21	135
T8	21	18	21	136
T9	22	17	22	124
T10	23	19	22	139
T11	24	20	23	130
T12	24	23	26	100



Doubly tested, twice certified

Data Privacy_Cloud server



ISO/IEC



CSA/CCM



ITAR



CJIS



HIPAA



IRS 1075