

Lung CT Analyzer Results

Patient last name:
Patient first name:
Date of birth: 19830114
Date of examination: 20200703

The results of the analysis of the CT scan are summarized in the following tables. Segments are created according to their Hounsfield units using predefined threshold ranges. In Table 2 functional versus affected lung volumes are shown. "Emphysema" segment currently includes bronchi and will never be zero. "Infiltration" and "Collapsed" currently include perivascular/-bronchial tissues and will also never be zero.

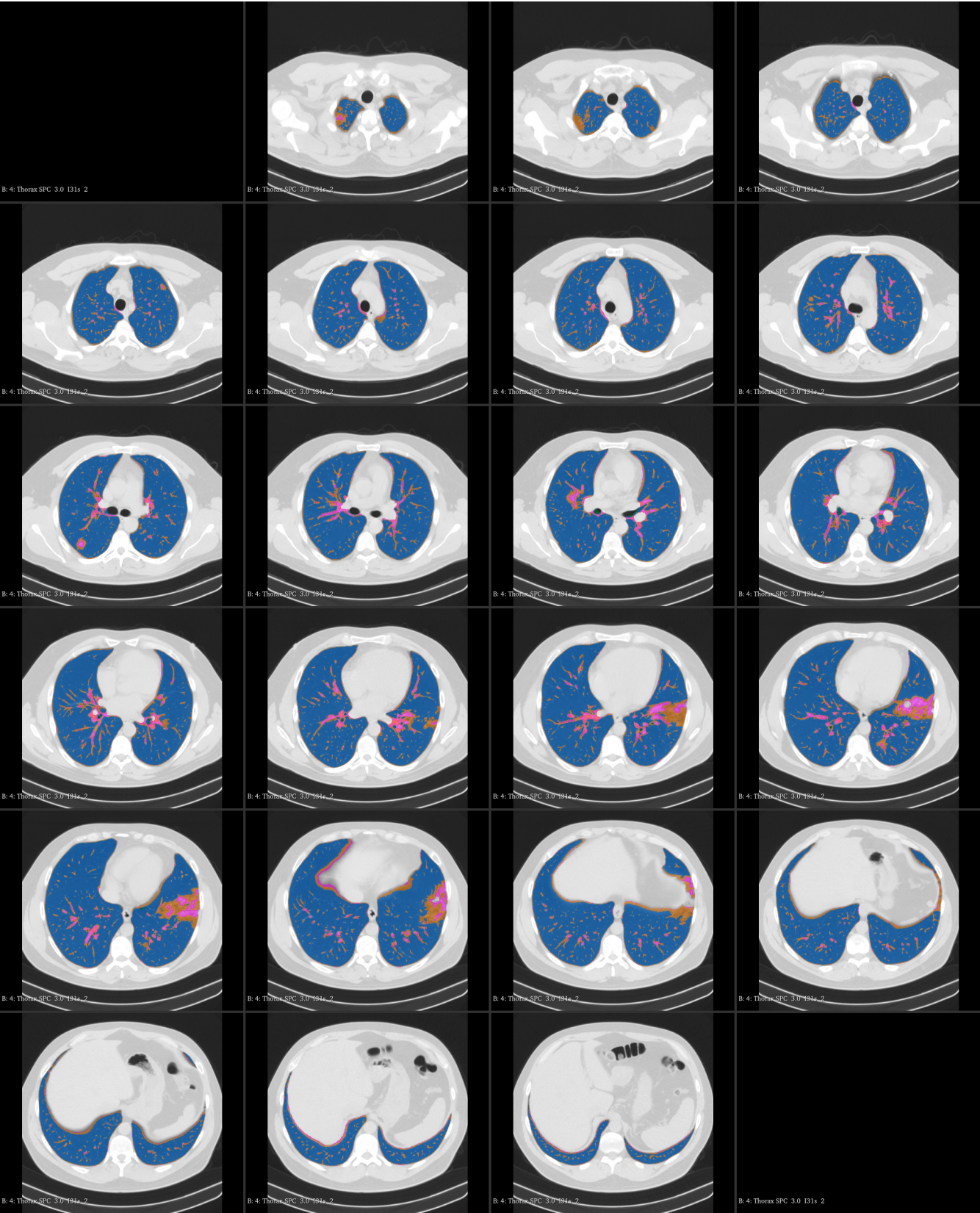
Volumetric analysis (Table 1)

Segment	Volume [cm3]	Minimum [hnsf'U]	Maximum [hnsf'U]	Mean [hnsf'U]	Median [hnsf'U]	Standard Deviation [hnsf'U]	MinThr	MaxThr
Emphysema right	2.11942	-1024	-951	-971.14	-968	16.4627	-1050	-950
Inflated right	2169.36	-950	-751	-841.639	-847	32.6459	-950	-750
Infiltration right	389.038	-750	-401	-622.497	-645	98.256	-750	-400
Collapsed right	110.236	-400	-1	-243.098	-264	111.659	-400	0
Vessels right	8.54548	-31	615	24.6026	20	27.8133	0	3000
Emphysema left	1.862	-1005	-951	-962.76	-962	8.88761	-1050	-950
Inflated left	2794.37	-950	-751	-844.356	-849	33.5636	-950	-750
Infiltration left	372.085	-750	-401	-632.201	-659	96.4237	-750	-400
Collapsed left	87.6729	-400	-1	-237.268	-260	116.686	-400	0
Vessels left	9.70615	-31	501	20.9289	15	31.6421	0	3000

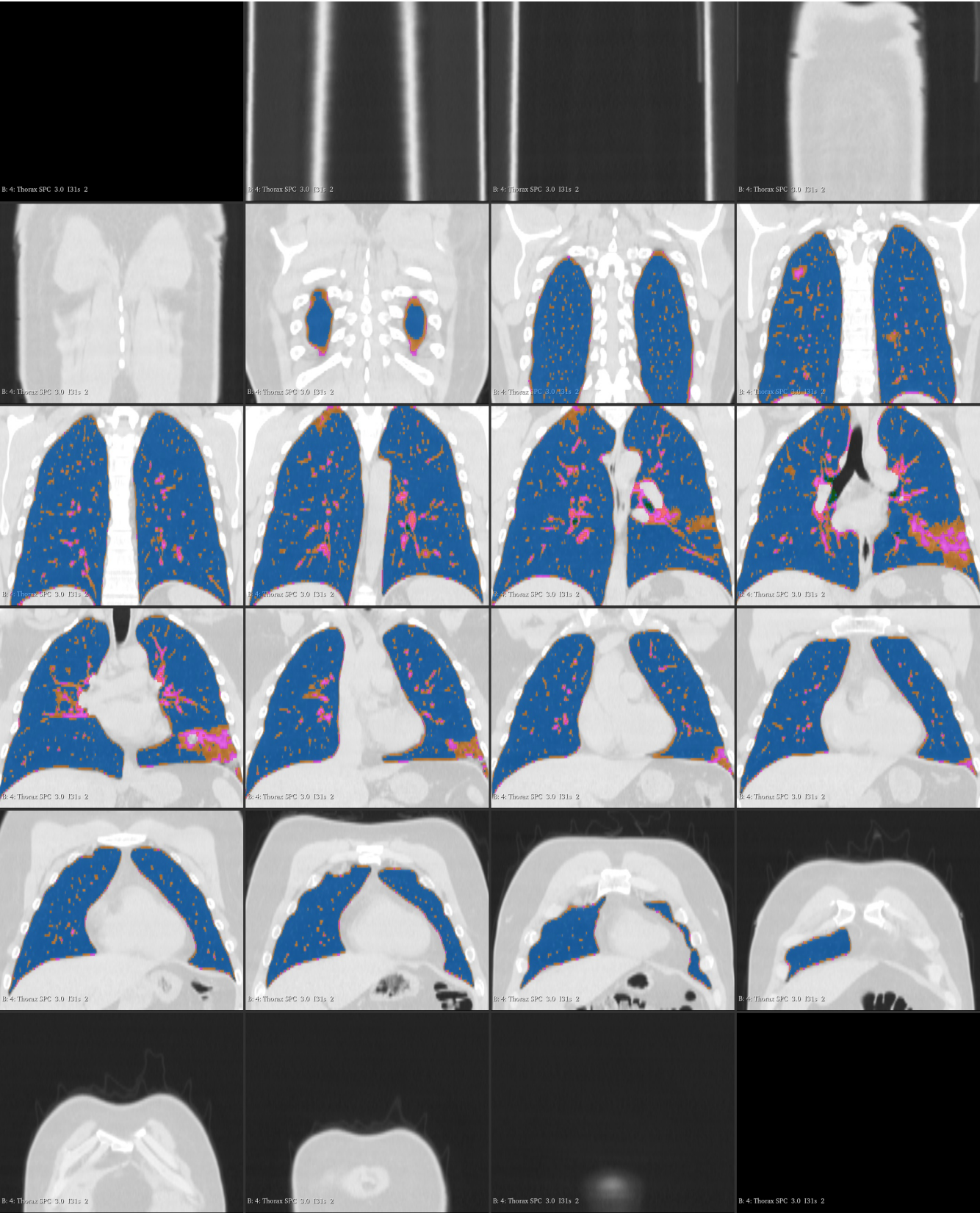
Extended analysis (Table 2)

Lung area	Total (ml)	Inflated (ml)	Inflated (%)	Emphysema (ml)	Emphysema (%)	Infiltrated (ml)	Infiltrate d (%)	Collapse d (ml)	Collapse d (%)	Affected (ml)	Affected (%)
Total lungs	5926.75	4963.73	84	3.98142	0.1	761.123	12.8	197.909	3.3	959.032	16
Right lung	2670.76	2171.48	81	2.11942	0.1	389.038	14.6	110.236	4.1	499.274	19
Left lung	3255.99	2796.49	86	1.862	0.1	372.085	11.4	87.6729	2.7	459.758	14

Lightbox (axial view)



Lightbox (coronal view)



Assessment

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Date Signature

Lung CT Analyzer V 2.63