

Lung CT Analyzer Results

Patient last name:
Patient first name:
Date of birth: 19830114
Date of examination: 20200714

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.

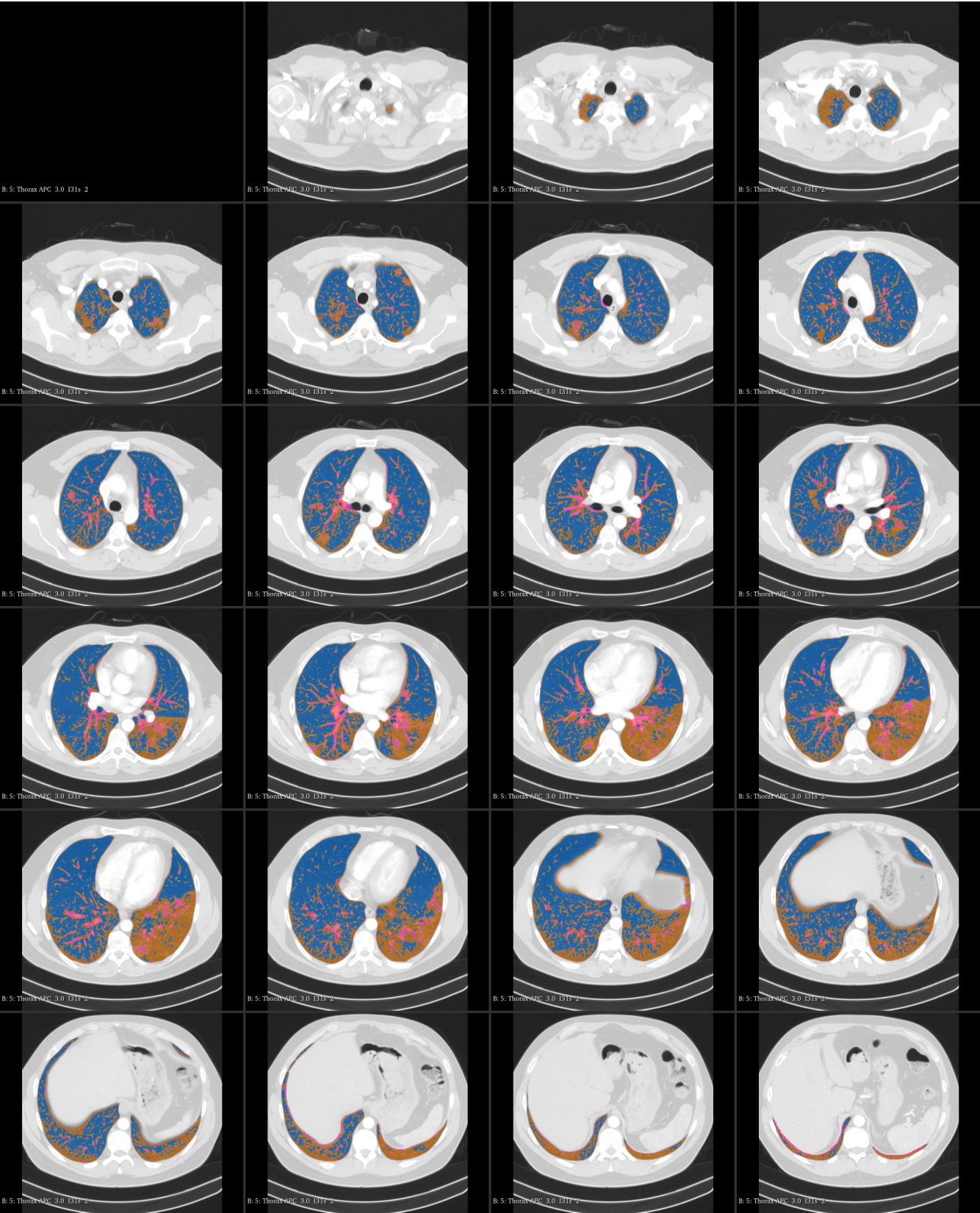
Volumetric analysis (Table 1)

Segment	Volume [cm3]	Minimum [hnsf'U]	Maximum [hnsf'U]	Mean [hnsf'U]	Median [hnsf'U]	Standard Deviation [hnsf'U]	MinThr	MaxThr
Emphysema right	0.331284	-993	-951	-960.991	-960	8.74916	-1050	-950
Inflated right	1158.26	-950	-751	-808.074	-808	33.8149	-950	-750
Infiltration right	876.058	-750	-401	-655.447	-686	86.6103	-750	-400
Collapsed right	87.6783	-400	-1	-260.927	-288	109.269	-400	0
Vessels right	23.0837	-126	348	123.734	126	74.2706	0	3000
Emphysema left	0.226592	-997	-951	-959.646	-959	8.80075	-1050	-950
Inflated left	1819.14	-950	-751	-808.692	-804	37.3303	-950	-750
Infiltration left	798.997	-750	-401	-665.322	-699	85.6134	-750	-400
Collapsed left	86.1237	-400	-1	-251.093	-275	110.627	-400	0
Vessels left	27.1337	-180	339	126.052	133	72.2744	0	3000

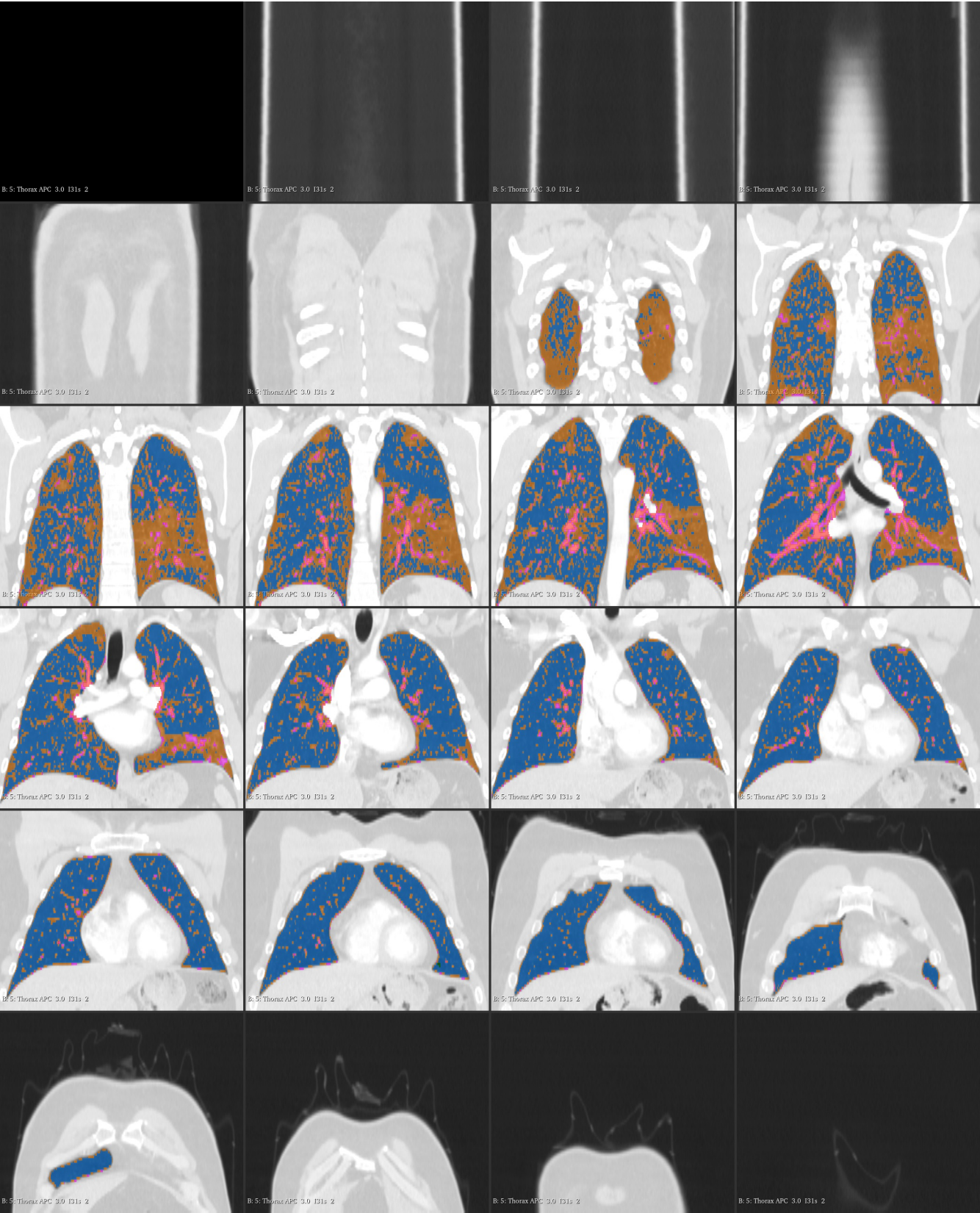
Extended analysis (Table 2)

Lung area	Total (ml)	Inflated (ml)	Inflated (%)	Emphysema (ml)	Emphysema (%)	Infiltrated (ml)	Infiltrate d (%)	Collapse d (ml)	Collapse d (%)	Affected (ml)	Affected (%)
Total lungs	4826.82	2977.4	62	0.557876	0	1675.06	34.7	173.802	3.6	1848.86	38
Right lung	2122.33	1158.59	55	0.331284	0	876.058	41.3	87.6783	4.1	963.737	45
Left lung	2704.49	1819.48	67	0.226592	0	798.997	29.5	86.1237	3.2	885.121	33

Lightbox (axial view)



Lightbox (coronal view)



Assessment

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Date Signature

Lung CT Analyzer V 2.63