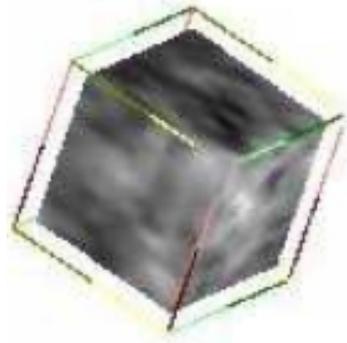
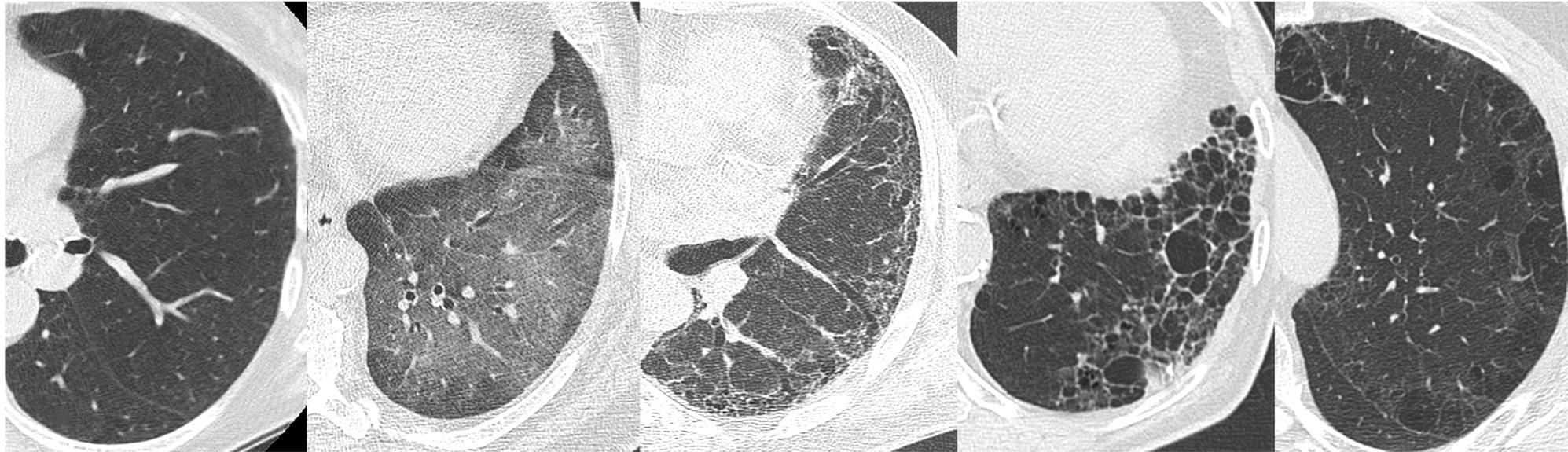
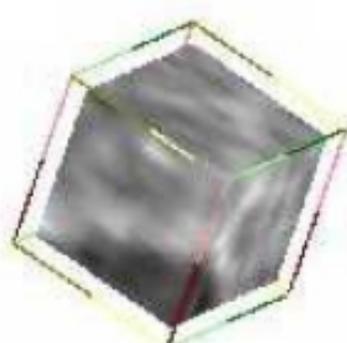


CALIPER

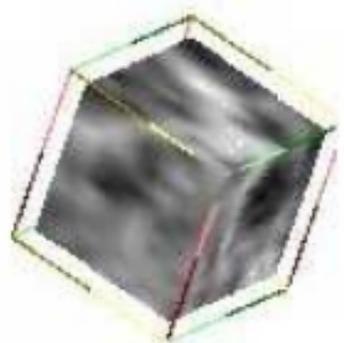
*Computer-Aided Lung Informatics for Pathology Evaluation and Rating



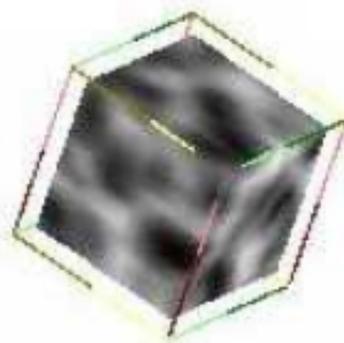
Normale



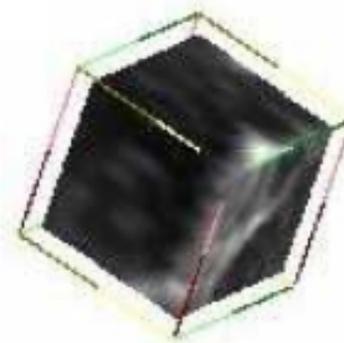
Ground Glass



Reticolazione



Honey-combing



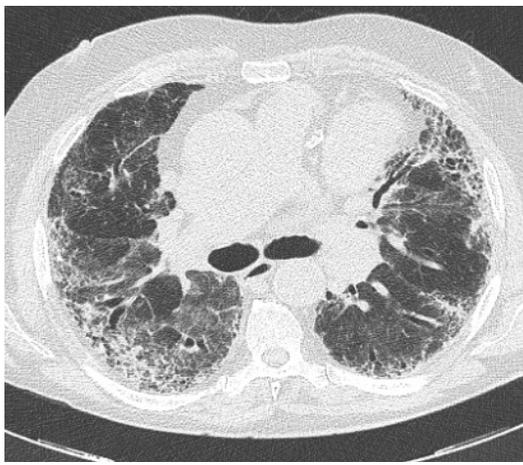
Low Attenuation Areas (LAA)



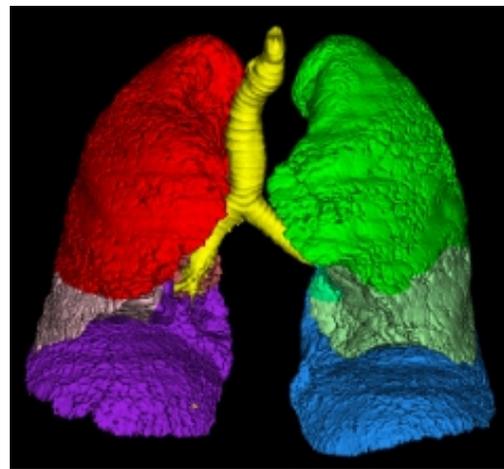
Lievi LAA

Moderate LAA

Severe LAA



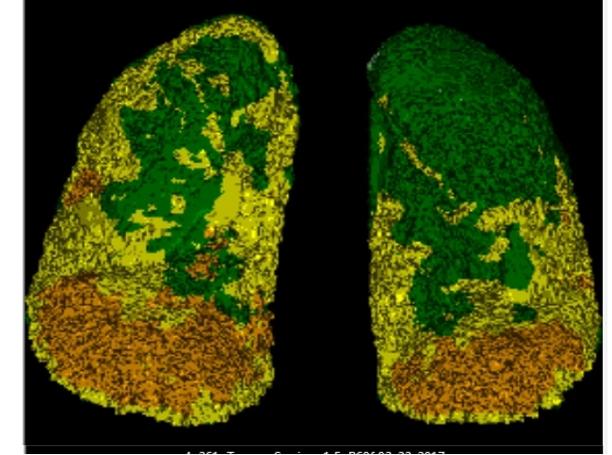
TC volumetrica



Localizzazione



Classificazione



Visualizzazione



Normale



Ground
Glass



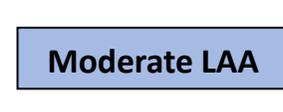
Reticolazione



Honey-
combing



Lievi
LAA



Moderate LAA

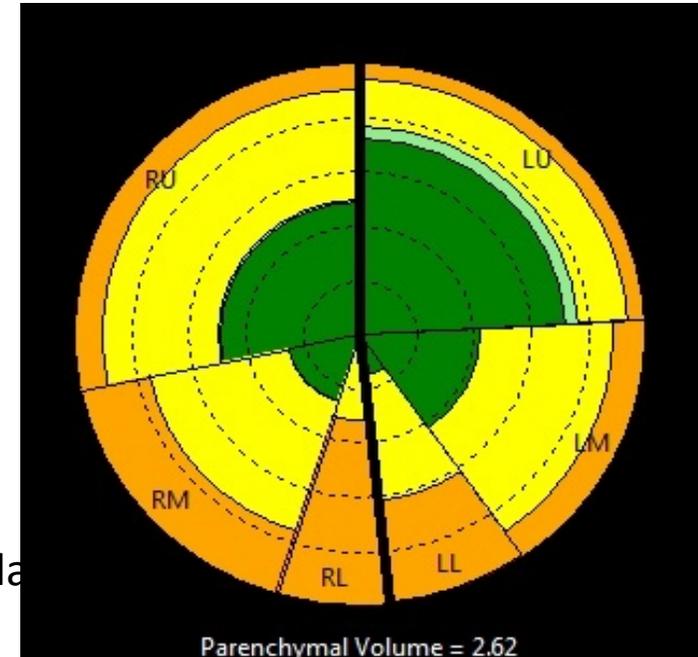


Severe
LAA

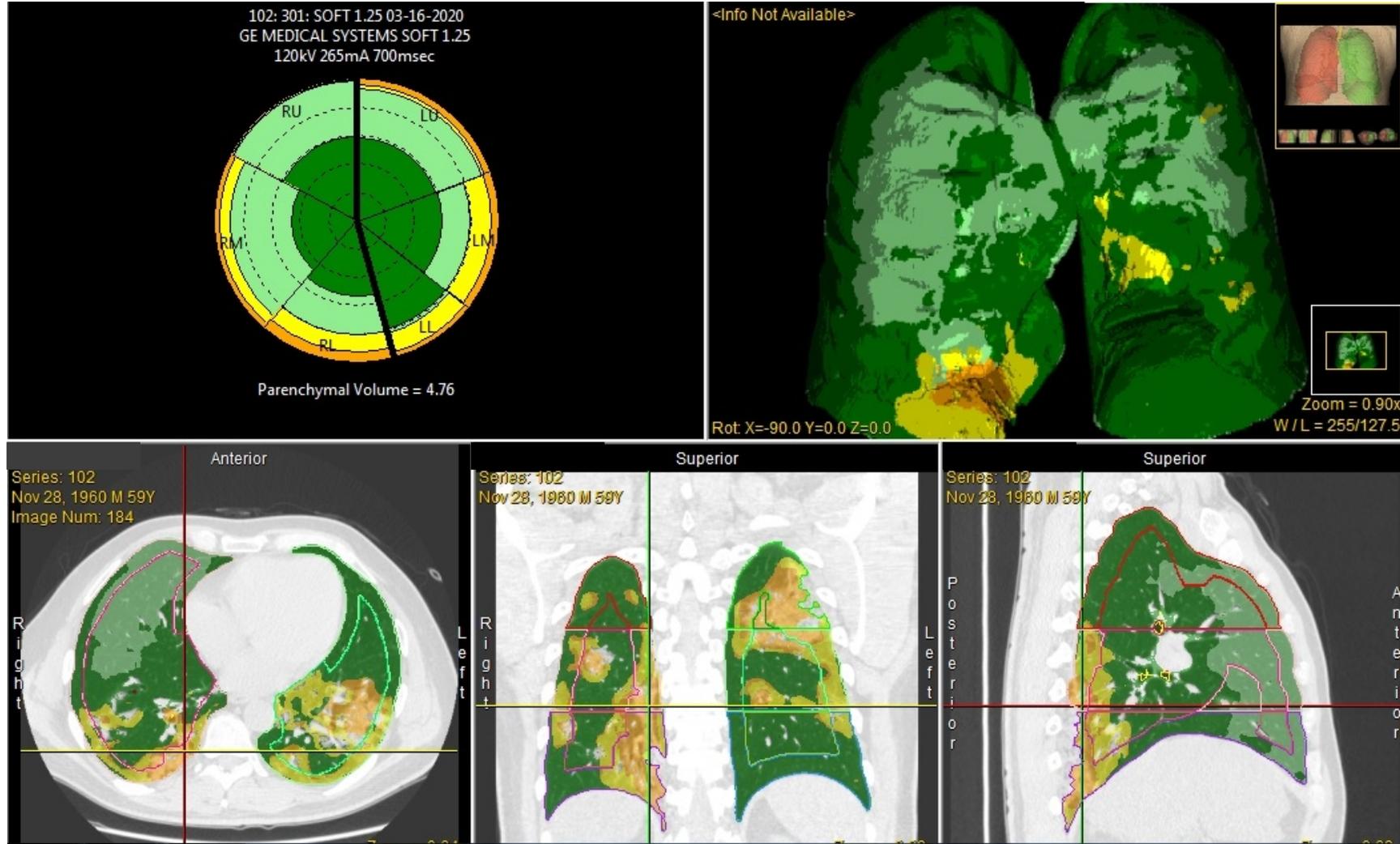
Quantificazione

	Right	Left	% volume
Normal	650cc	920cc	50%
Ground Glass	500cc	700cc	38%
Reticular	150cc	100cc	8%
Honeycombing	70cc	40cc	3.5%
Low Attenuation	0cc	0cc	0%
Pulmonary Vessel	100 cc	70 cc	5.4%

RU=LSDx
RM=LM
RL=LIDx
LU=LSSn
LM=lingula
LL=LISn

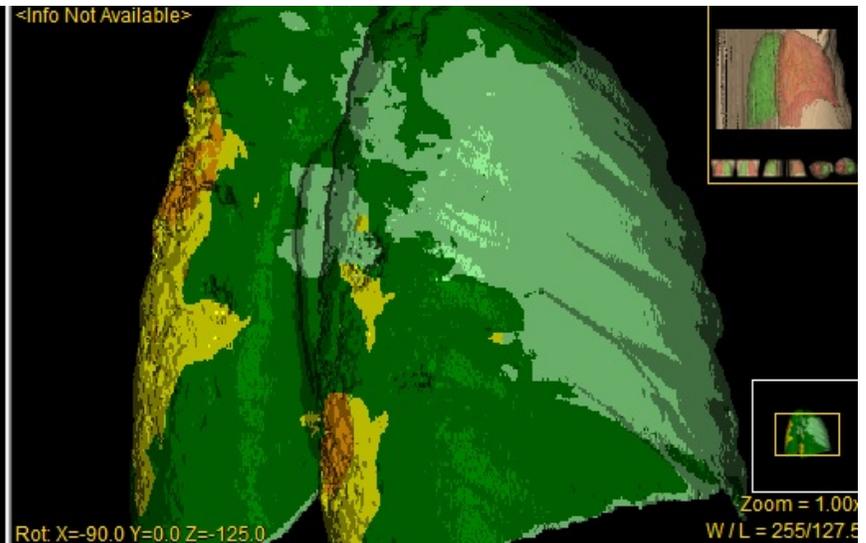
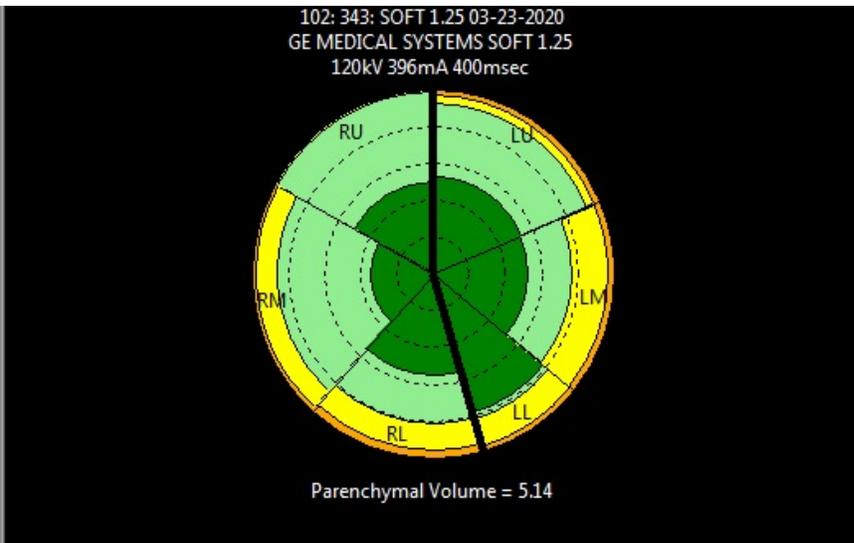


Rappresentazione



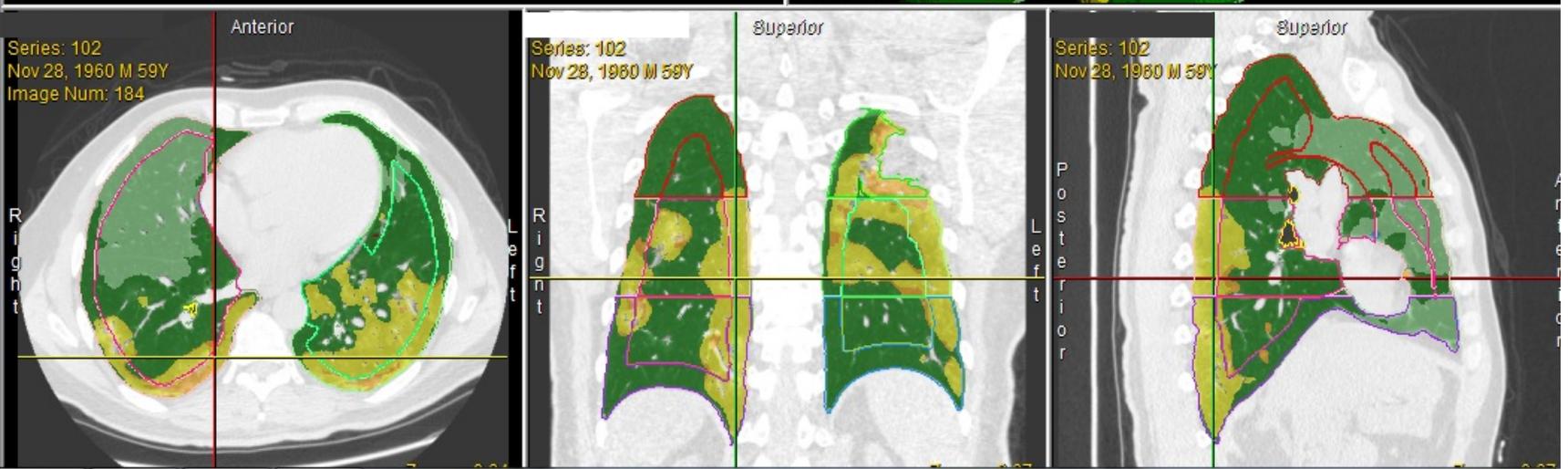
SeriesDesc	StudyDate	Scanner	Recon	Slice Thickness	Total_MildLA	Total_ModerateLA	Total_SevereLA	Total_GG	Total_HC	Total_N	Total_R	Total_Vess	Total_Volume
SOFT 1.25	20200316	GE MEDICAL	SOFT	1.25	1446.95	1.20	0.12	365.73	0.33	2736.64	212.27	177.69	4940.93





SECONDA TC
23/03/2020

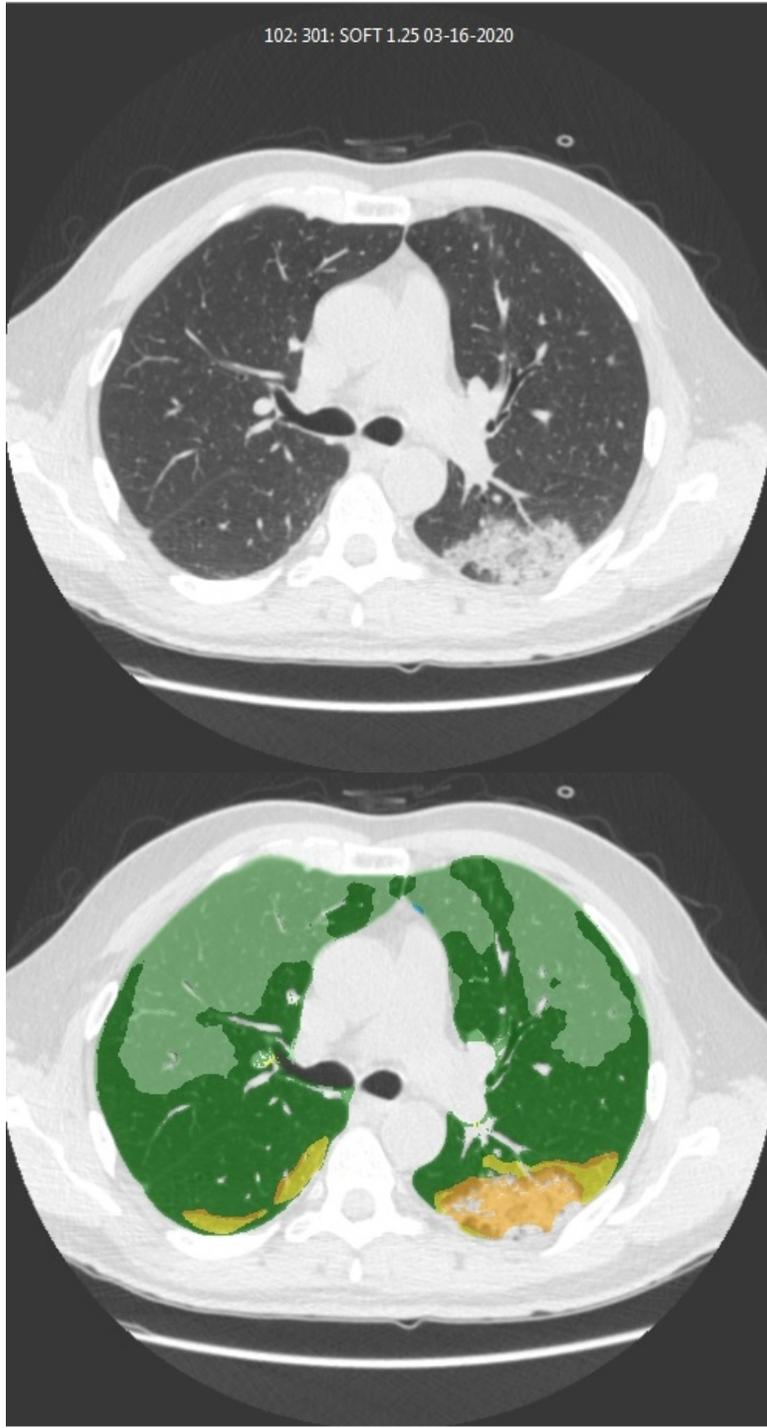
Dopo una settimana di terapia il pz ha un volume totale di quasi 5300 ml (dovuto alla riduzione dei consolidamenti dovuti al COVID e non inclusi nel volume in esame, 548 ml di ground-glass derivato dal miglioramento delle aree di reticolazione che infatti misurano 135 ml. Il suo polmone normale é circa 4500 ml. Il volume dei vasi è sceso a 156 ml



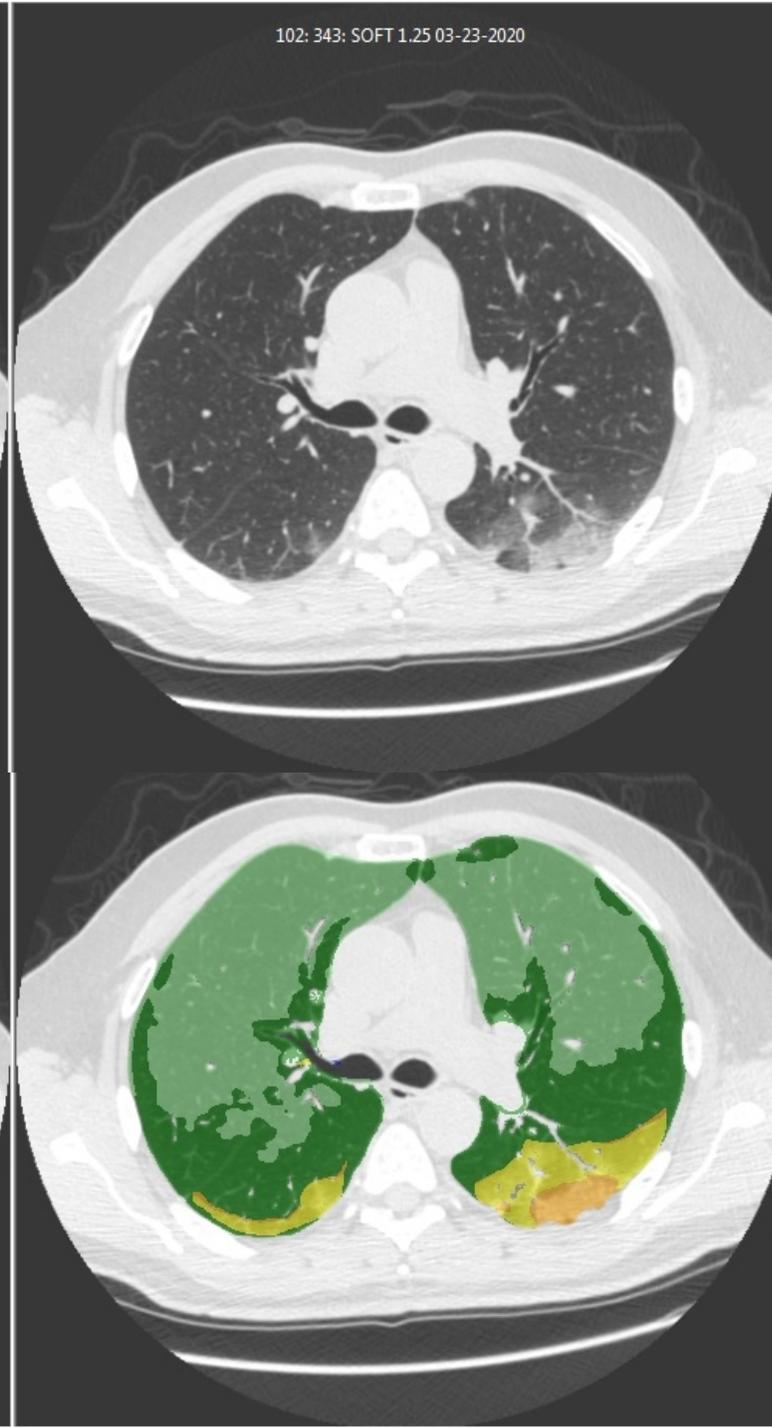
SeriesDesc	StudyDate	Scanner	Recon	SliceThickness	Total_MildLA	Total_ModerateLA	Total_SevereLA	Total_GG	Total_HC	Total_N	Total_R	Total_Vess	Total_Volume
SOFT 1.25	20200323	GE MEDICAL	SOFT	1.25	1819.01	0.91	0.12	548.91	0.09	2638.14	135.73	156.14	5299.05



PRIMA TC
16/03/2020



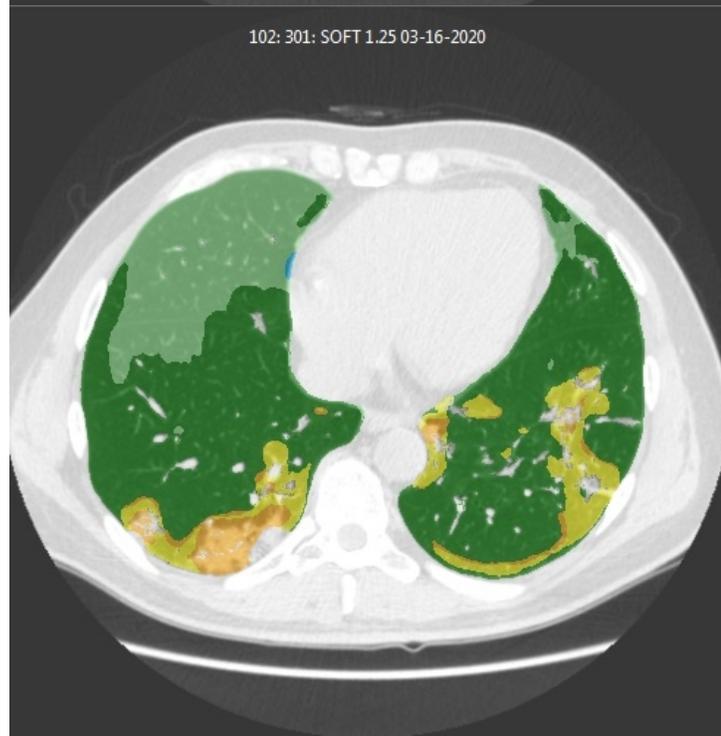
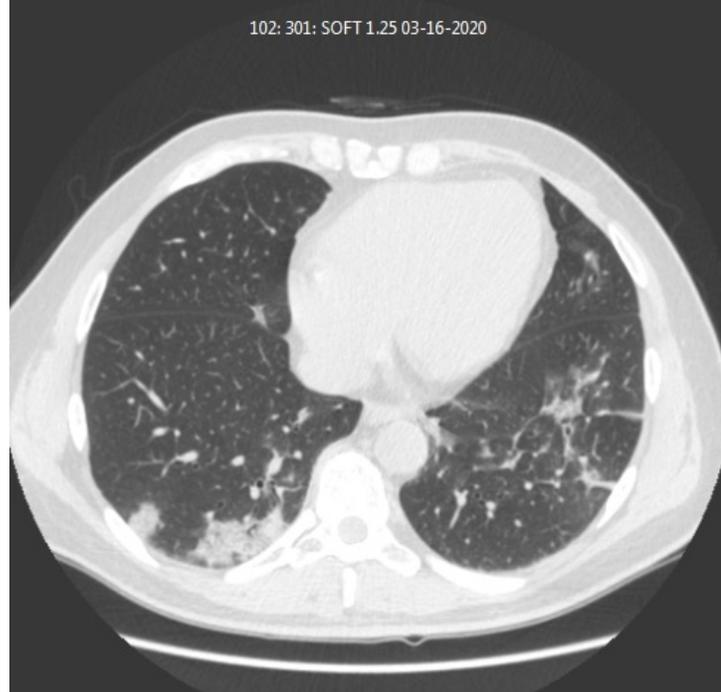
102: 343: SOFT 1.25 03-23-2020



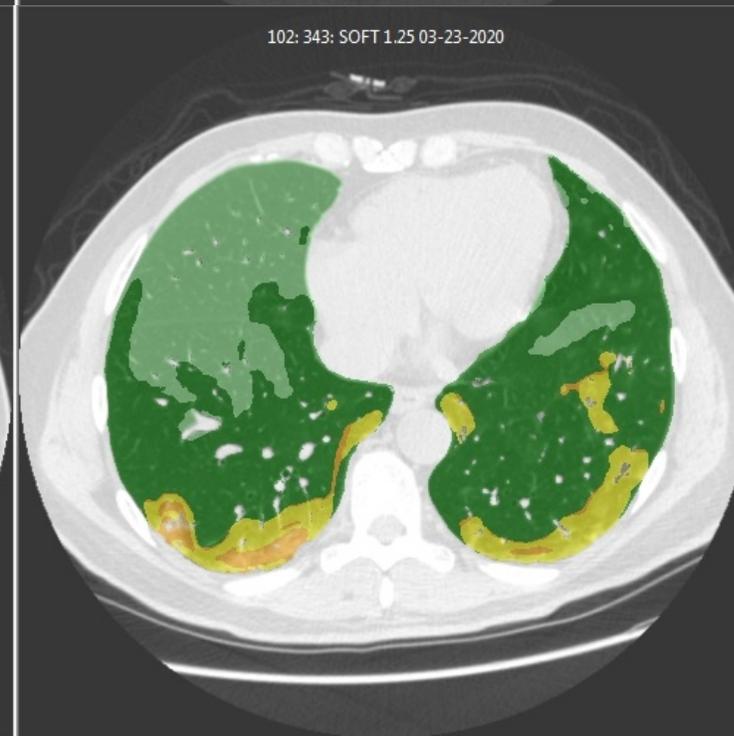
SECONDA TC
23/03/2020

Si nota la riduzione di densità del consolidamento dovuto al COVID che nella prima TC appare arancione (reticolazione), mentre nella seconda maggiormente giallo (ground-glass)

PRIMA TC
16/03/2020



102: 343: SOFT 1.25 03-23-2020



SECONDA TC
23/03/2020

Di nuovo si osserva la riduzione delle aree arancioni (reticolazione), che si «trasforma» in giallo (ground-glass)