

COVID-19 Trial report - 03/13/2020



Covid-19, Nr1 (M)

03/25/1965

ID 978647854

COVID-19 Trial Case

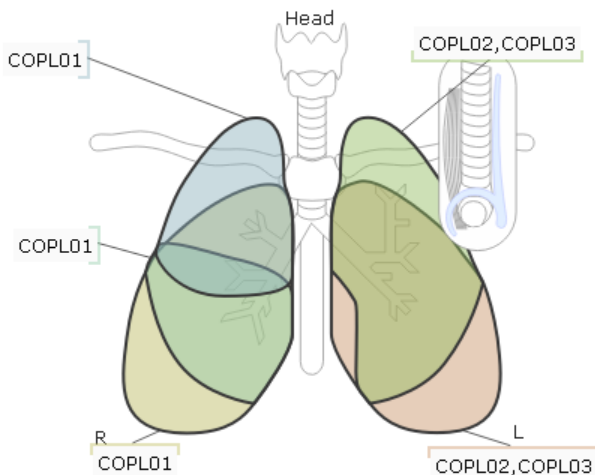
Overall assessment

Diagnostics

Pulmonary findings consistent with COVID infection:
Highly consistent

Disease overview

The following diagram is an abstract representation of the disease. It does not depict real patient anatomy.



COPL04 Lung right is not visible in the graphical overview.

General

Demographic information

Age: 55 yrs

Gender: Male

History of exposure to infection

Contact history: Present

Date of contact with infected person(s): 02/24/2020

Exposure to high-risk geographic area: Present

Geographic Area: Südtirol

COVID-compatible radiological signs

Distribution pattern: Peripheral

Laterality of lung lobe involvement: Bilateral (Parenchymal abnormalities defined in both lungs)

Lung lobes with Ground-glass opacities (GGO): 5 (GGO present in: Lung middle lobe right, Lung lower lobe left, Lung upper lobe right, Lung lower lobe right, Lung upper lobe left)

Lung lobes with GGO with consolidation: 5 (GGO with consolidation present in: Lung middle lobe right, Lung lower lobe left, Lung upper lobe right, Lung lower lobe right, Lung upper lobe left)

Lung lobes with GGO with interlobular septal thickening: 5 (GGO with interlobular septal thickening present in: Lung middle lobe right, Lung lower lobe left, Lung upper lobe right, Lung lower lobe right, Lung upper lobe left)

Lung lobes with GGO with intralobular septal thickening: 5 (GGO with intralobular septal thickening present in: Lung middle lobe right, Lung lower lobe left, Lung upper lobe right, Lung lower lobe right, Lung upper lobe left)

Clinical chemistry

White blood cell count: Increased

Lymphocyte count: Increased

Platelet count: Increased

C-Reactive Protein: Normal

Clinical symptoms

Fever: Present

If fever present, please provide details: 39

Respiratory distress: Present

Headache: Present

Nausea: Not present

Diarrhea: Not present

Comorbidities

Tobacco smoking: No history

Chronic obstructive pulmonary disease: No

Hypertension: No

Cardiac disease: No

Chronic liver disease: No

Diabetes: No

Parenchymal abnormalities

COPL01 Lung right

Size: 36.0 mm (LA) (-20.4% ΔB / -20.4% ΔN / -20.4% ΔP) / 21.3 mm (SA) (-34.3% ΔB / -34.3% ΔN / -34.3% ΔP)

State: Present

Involved lung lobes: Lung upper lobe right, Lung middle lobe right, Lung lower lobe right

Ground-glass opacity (GGO): Present

GGO: with consolidation: Present

GGO: with interlobular septal thickening: Present

GGO: with intralobular septal thickening: Present

Lesion radiographic assessment: Improvement

COPL02 Lung left

Size: 18.1 mm (LA) (-45.5% ΔB / -45.5% ΔN / -45.5% ΔP) / 12.7 mm (SA) (-24.9% ΔB / -24.9% ΔN / -24.9% ΔP)

State: Present

Involved lung lobes: Lung upper lobe left, Lung lower lobe left

Ground-glass opacity (GGO): Present

GGO: with consolidation: Present

GGO: with interlobular septal thickening: Present

GGO: with intralobular septal thickening: Present

COPL03 Lung left

Size: 20.9 mm (LA) (-8.7% ΔB / -8.7% ΔN / -8.7% ΔP) / 15.4 mm (SA) (-0.6% ΔB / -0.6% ΔN / -0.6% ΔP)

State: Present

Involved lung lobes: Lung upper lobe left, Lung lower lobe left

COPL04 Lung right

Size: 31.4 mm (LA) (-14.0% ΔB / -14.0% ΔN / -14.0% ΔP) / 15.1 mm (SA) (-36.8% ΔB / -36.8% ΔN / -36.8% ΔP)

State: Present

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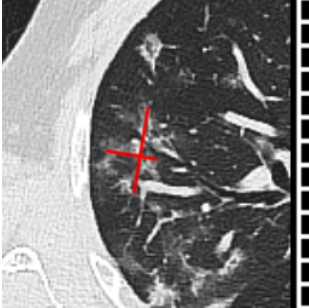
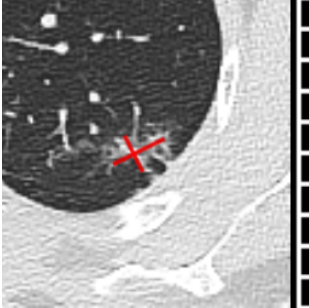
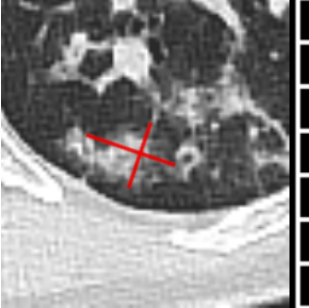
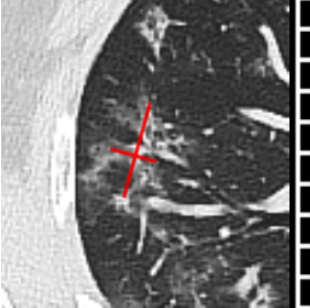
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Parenchymal abnormalities

COPL01 Lung right Size	COPL02 Lung left Size	COPL03 Lung left Size	COPL04 Lung right Size
			
36.0 mm (LA) (-20.4% ΔP) 21.3 mm (SA) (-34.3% ΔP)	18.1 mm (LA) (-45.5% ΔP) 12.7 mm (SA) (-24.9% ΔP)	20.9 mm (LA) (-8.7% ΔP) 15.4 mm (SA) (-0.6% ΔP)	31.4 mm (LA) (-14.0% ΔP) 15.1 mm (SA) (-36.8% ΔP)

Conformity check

General

- Lung lobe not chosen for COPL04. Precise location influences count of lung lobes with COVID-compatible radiological signs.