



MULTIMEDIA

COVID-19 Radiological Library

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Click on a Patient # link to navigate to that patient's gallery entry.

Case	Description	X-ray	CT Scan (Classification)	NP Swab Result
Patient 1	Age 37 Female	Yes	Yes (Typical)	+
Patient 2	Age 27 Male	Yes	Yes (Typical)	+
Patient 3	Age 76 Female	Yes	Yes (Typical)	+
Patient 4	Age 43 Male	Yes		-
Patient 5	Age 27 Female	Yes	Yes (Typical)	+
Patient 6	Age 74 Male	Yes		+
Patient 7	Age 48 Female	Yes		+
Patient 8	Age 42 Male	Yes		+
Patient 9	Age 54 Female	Yes		+
Patient 10	Age 62 Male	Yes		+
Patient 11	Age 78 Male	Yes		+
Patient 12	Age 26 Male		Yes (Indeterminate)	-
Patient 13	Age 60 Female		Yes (Typical)	+
Patient 14	Age 54 Female	Yes	Yes (Indeterminate)	-
Patient 15	Age 60 Male		Yes (Typical)	-
Patient 16	Age 42 Male		Yes (Typical)	+
Patient 17	Age 70 Female	Yes	Yes (Typical)	+
Patient 18	Age 40 Male		Yes (Typical)	-
Patient 19	Age 43 Male		Yes (Typical)	+
Patient 20	Age 69 Male	Yes	Yes (Typical)	+

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COVID-19 pneumonia imaging classification	Rationale*	CT findings*
<u>Typical appearance</u>	Commonly reported imaging features of greater specificity for COVID-19 pneumonia	Peripheral, bilateral, groundglass opacities with or without consolidation or visible intralobular lines ("crazy-paving") Multifocal groundglass opacities of rounded morphology with or without consolidation or visible intralobular lines ("crazy-paving") Reverse halo sign or other findings of organizing pneumonia (seen later in the disease)
<u>Indeterminate appearance</u>	Nonspecific imaging features of COVID-19 pneumonia	Absence of typical features AND Presence of: Multifocal, diffuse, perihilar, or unilateral groundglass opacities with or without consolidation lacking a specific and distribution and are non--rounded or non--peripheral Few very small groundglass opacities with a non-rounded and non--peripheral distribution
<u>Atypical appearance</u>	Uncommonly or not reported features of COVID-19 pneumonia	Absence of typical or indeterminate features AND Presence of: Isolated lobar or segmental consolidation without groundglass opacities Discrete small nodules (centrally lobular, "tree-in-bud") Lung cavitation Smooth interlobular septal thickening with pleural effusion