Table S1 The dynamic chest CT findings of COVID-19 patients

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| No. | First CT  | Second CT | Third CT | Fourth CT |
| 1  | Hospital day 1Patchy consolidation in right lower lobe Solitary patchy GGO in right lower lobe | Hospital day 11Consolidation in right lower lobe (disappeared)GGO in right lower lobe (disappeared) | NA | NA |
| 2  | Hospital day 1Multiple patchy consolidation in subpleural regions of bilateral lungs | Hospital day 4Consolidation in bilateral subpleural regions (decreased)Multiple GGO combined with IST in bilateral subpleural regions (new lesions)  | Hospital day 16Consolidation in bilateral subpleural regions (significantly decreased)GGO combined with IST in bilateral subpleural regions (significantly decreased)  | NA |
| 3 | Hospital day 1Multiple patchy GGOs in subpleural regions of bilateral lungsMultiple consolidation in subpleural regions of bilateral lower lobes“fibrosis-like” stripes in bilateral lower lobes | Hospital day 3Multiple patchy GGOs in bilateral subpleural regions (increased)Multiple consolidation in subpleural regions of bilateral lower lobes (increased)“fibrosis-like” stripes in bilateral lower lobes (increased) | Hospital day 6Multiple patchy GGO in bilateral subpleural regions (decreased)Consolidation in subpleural regions of bilateral lower lobes (decreased)“fibrosis-like” stripes in bilateral lower lobes (decreased) | Hospital day 15GGO in bilateral subpleural regions (significantly decreased)Consolidation in subpleural regions of bilateral lower lobes (significantly decreased)“fibrosis-like” stripes in bilateral lower lobes (significantly decreased) |
| 4  | Hospital day 1Multiple GGNs in bilateral subpleural regions | Hospital day 4Multiple GGNs combined with IST in bilateral subpleural regions (increased)“fibrosis-like” stripes in bilateral lower lobes (new lesions) | Hospital day 9Multiple GGNs combined with IST in bilateral subpleural regions (decreased density)“fibrosis-like” stripes in bilateral lower lobes (significantly decreased) | Hospital day 17GGNs in bilateral subpleural regions (reduced number and density)“fibrosis-like” stripes in bilateral lower lobes (disappeared) |
| 5  | Hospital day 1Multiple patchy GGOs combined with IST in bilateral subpleural regionsAir bronchogram | Hospital day 4Multiple patchy GGOs combined with IST in bilateral subpleural regions (enlarged lesions and increased density)Air bronchogram (shrunken) | Hospital day 8Multiple patchy GGOs combined with IST in bilateral subpleural regions (shrunken lesions and decreased density)Air bronchogram (disappeared)“fibrosis-like” stripes in bilateral lower lobes (new lesions) | Hospital day 18Multiple patchy GGOs in bilateral subpleural regions (significantly shrunken lesions and decreased density)“fibrosis-like” stripes in bilateral lower lobes (disappeared) |
| 6  | Hospital day 1Solitary patchy GGO in subpleural region of right lower lobe | Hospital day 4Consolidation in subpleural region of right lower lobe (enlarged lesions and increased density)Multiple GGNs in bilateral subpleural regions (increased) | **Hospital day 22**Consolidation in subpleural region of right lower lobe (disappeared)GGNs in bilateral subpleural regions (significantly decreased) | NA |
| **7**  | Hospital day 2Multiple patchy GGOs combined with IST in bilateral subpleural regions | Hospital day 4Multiple patchy GGOs combined with consolidation in bilateral subpleural regions (enlarged lesions and increased density) | Hospital day 9Multiple consolidation in bilateral subpleural regions (enlarged lesions as well as increased density) | **Hospital day 25** Consolidation in bilateral subpleural regions (significantly decreased) |
| 8 | Hospital day 1Multiple GGNs in subpleural regions of bilateral lower lobes | Hospital day 4Multiple GGOs in subpleural regions of bilateral lower lobes (increased) | Hospital day 17GGOs in subpleural regions of bilateral lower lobes (significantly decreased number and decreased density) | NA |
| **9** | Hospital day 1Solitary GGO in subpleural region of left lower lobe | Hospital day 4Multiple GGOs combined with IST in bilateral subpleural regions (significantlyincreased) | Hospital day 11Solitary GGO in subpleural region of left lower lobe (significantly decreased) | NA |
| 10  | Hospital day 1Solitary consolidation in subpleural region of right lower lobeAir bronchogram | Hospital day 4Solitary consolidation in subpleural region of right lower lobe (decreased)Solitary GGO combined with IST in subpleural region of right lower lobe (new lesions)Air bronchogram (shrunken lesions) | Hospital day 9Solitary GGO in subpleural region of right lower lobe (significantly decreased)Air bronchogram (disappeared) | NA |
| **11**  | Hospital day 1Multiple patchy GGOs in subpleural regions of bilateral lower lobesConsolidation in subpleural regions of bilateral lower lobes | Hospital day 5Multiple GGOs in subpleural regions of bilateral lungs (increased)Multiple consolidation in subpleural regions of bilateral lower lobes (increased) | Hospital day 10GGOs in subpleural regions of bilateral lungs (decreased)Consolidation in subpleural regions of bilateral lower lobes (decreased) | Hospital day 18GGOs in subpleural regions of bilateral lungs (significantly decreased)Consolidation in subpleural regions of bilateral lower lobes (significantly decreased) |
| 12  | Hospital day 1Multiple patchy GGOs in subpleural regions of bilateral lungsConsolidation in subpleural regions of bilateral lower lobes“fibrosis-like” stripes in bilateral lower lobes | Hospital day 4Multiple GGOs in subpleural regions of bilateral lungs (decreased)Consolidation in subpleural regions of bilateral lower lobes (decreased)“fibrosis-like” stripes in bilateral lower lobes (increased)  | Hospital day 10GGOs in subpleural regions of bilateral lungs (significantly decreased)Consolidation in subpleural regions of bilateral lower lobes (disappeared)“fibrosis-like” stripes in bilateral lower lobes (disappeared) | NA |
| 1**3**  | Hospital day 1Multiple patchy GGOs combined with IST in bilateral subpleural regions | Hospital day 5Multiple patchy GGOs combined with IST in bilateral subpleural regions (enlarged lesions as well as decreased density)IST (disappeared) | Hospital day 9Multiple patchy GGOs in bilateral subpleural regions (enlarged lesions as well as decreased density) | Hospital day 18GGOs in bilateral subpleural regions (significantly decreased) |
| 14  | Hospital day 1Solitary patchy consolidation in subpleural region of left lower lobe“fibrosis-like” stripes located in left lower lobe  | Hospital day 3Solitary patchy consolidation in subpleural region of left lower lobe (increased)GGO combined with IST in subpleural region of left lower lobe (new lesions)“fibrosis-like” stripes in left lower lobe (increased) | Hospital day 8Consolidation in subpleural region of left lower lobe (decreased)GGO combined with IST in subpleural region of bilateral lungs (increased)“fibrosis-like” stripes in left lower lobe (increased) | Hospital day 14Consolidation in subpleural region of left lower lobe (disappeared)GGO combined with IST in subpleural region of bilateral lungs (significantly decreased)“fibrosis-like” stripes in left lower lobe (disappeared) |
| **15**  | Hospital day 1Multiple GGNs in bilateral subpleural regions GGN combined with “reversed halo sign” in left lower lobe | Hospital day 5Multiple GGNs combined with IST in bilateral subpleural regions (significantly increased)“fibrosis-like” stripes in bilateral lower lobes (new lesions) | Hospital day 21GGNs in bilateral subpleural regions (significantly decreased)“fibrosis-like” stripes in bilateral lower lobes (disappeared) | NA |
| **16**  | Hospital day 1Solitary GGO in subpleural region of left lower lobe | Hospital day 4Multiple GGOs combined with IST in bilateral subpleural regions (significantly increased) | Hospital day 16Multiple GGOs combined with IST in bilateral subpleural regions (increased)Multiple consolidation in bilateral lower lobes (new lesions) | **Hospital day 20**GGOs in bilateral subpleural regions (disappeared)Multiple consolidation in bilateral lower lobes (significantly decreased) |
| 17  | Hospital day 1Multiple GGOs in bilateral subpleural regions“fibrosis-like” stripes in bilateral lower lobesVascular thickening | Hospital day 4Multiple GGOs in bilateral subpleural regions (increased)Multiple consolidation in bilateral subpleural regions (new lesions)“fibrosis-like” stripes in bilateral lower lobes (increased)Vascular thickening (unchanged) | Hospital day 18GGOs in bilateral subpleural regions (significantly decreased)Consolidation in bilateral subpleural regions (disappeared)“fibrosis-like” stripes in bilateral lower lobes (disappeared)Vascular thickening (unchanged) | NA |
| 18  | Hospital day 1Normal CT findings | Hospital day 5Normal CT findings | Hospital day 13Normal CT findings | NA |
| **19**  | Hospital day 1Solitary GGN in subpleural region of left superior lobe | Hospital day 4Multiple GGOs in bilateral subpleural regions (significantly increased)Multiple consolidation in bilateral subpleural regions (new lesions)“fibrosis-like” stripes in bilateral lungs (new lesions) | Hospital day 7Multiple GGOs in bilateral subpleural regions (increased)Multiple consolidation in bilateral subpleural regions (increased)“fibrosis-like” stripes in bilateral lungs (increased) | **Hospital day 20**GGOs in bilateral subpleural regions (disappeared)Consolidation in bilateral subpleural regions (significantly decreased)“fibrosis-like” stripes in bilateral lungs (significantly decreased) |
| 20  | Hospital day 1Solitary GGO in subpleural region of left superior lobe | Hospital day 7Multiple GGOs in bilateral subpleural regions (increased) | NA | NA |
| 21  | Hospital day 1GGNs in bilateral subpleural regionsGGN combined with “reversed halo sign” in left lower lobe | Hospital day 5Multiple GGOs combined with IST in bilateral subpleural regions (increased) | Hospital day 8Multiple GGOs combined with IST in bilateral subpleural regions (increased) | Hospital day 18GGOs in bilateral subpleural regions (significantly decreased) |
| **22**  | Hospital day 2Solitary GGO combined with IST in subpleural region of left lower lobe | Hospital day 6Multiple GGOs combined with IST in subpleural region of left lung (increased) | Hospital day 11Multiple GGOs in subpleural region of left superior lobe(unchanged)Multiple nodules in left lower lobe (increased density)  | Hospital day 19GGO in subpleural region of left superior lobe (significantly decreased) nodules in left lower lobe (decreased number and density) |

NA, not available; GGO, ground-glass opacity; GGN, ground-glass nodule; IST, interlobular septal thickening.