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 1  Patchy consolidation in right lower lobe  Solitary patchy GGO in right lower lobe | Hospital day 11  Consolidation in right lower lobe (disappeared)  GGO in right lower lobe (disappeared) | NA | NA |
| 2 | Hospital day 1  Multiple patchy consolidation in subpleural regions of bilateral lungs | Hospital day 4  Consolidation in bilateral subpleural regions (decreased)  Multiple GGO combined with IST in bilateral subpleural regions (new lesions) | Hospital day 16  Consolidation in bilateral subpleural regions (significantly decreased)  GGO combined with IST in bilateral subpleural regions (significantly decreased) | NA |
| 3 | Hospital day 1  Multiple patchy GGOs in subpleural regions of bilateral lungs  Multiple consolidation in subpleural regions of bilateral lower lobes  “fibrosis-like” stripes in bilateral lower lobes | Hospital day 3  Multiple 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 6  Multiple 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 15  GGO 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 1  Multiple GGNs in bilateral subpleural regions | Hospital day 4  Multiple GGNs combined with IST in bilateral subpleural regions (increased)  “fibrosis-like” stripes in bilateral lower lobes (new lesions) | Hospital day 9  Multiple GGNs combined with IST in bilateral subpleural regions (decreased density)  “fibrosis-like” stripes in bilateral lower lobes (significantly decreased) | Hospital day 17  GGNs in bilateral subpleural regions (reduced number and density)  “fibrosis-like” stripes in bilateral lower lobes (disappeared) |
| 5 | Hospital day 1  Multiple patchy GGOs combined with IST in bilateral subpleural regions  Air bronchogram | Hospital day 4  Multiple patchy GGOs combined with IST in bilateral subpleural regions (enlarged lesions and increased density)  Air bronchogram (shrunken) | Hospital day 8  Multiple 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 18  Multiple patchy GGOs in bilateral subpleural regions (significantly shrunken lesions and decreased density)  “fibrosis-like” stripes in bilateral lower lobes (disappeared) |
| 6 | Hospital day 1  Solitary patchy GGO in subpleural region of right lower lobe | Hospital day 4  Consolidation 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 2  Multiple patchy GGOs combined with IST in bilateral subpleural regions | Hospital day 4  Multiple patchy GGOs combined with consolidation in bilateral subpleural regions (enlarged lesions and increased density) | Hospital day 9  Multiple 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 1  Multiple GGNs in subpleural regions of bilateral lower lobes | Hospital day 4  Multiple GGOs in subpleural regions of bilateral lower lobes (increased) | Hospital day 17  GGOs in subpleural regions of bilateral lower lobes (significantly decreased number and decreased density) | NA |
| **9** | Hospital day 1  Solitary GGO in subpleural region of left lower lobe | Hospital day 4  Multiple GGOs combined with IST in bilateral subpleural regions (significantly  increased) | Hospital day 11  Solitary GGO in subpleural region of left lower lobe (significantly decreased) | NA |
| 10 | Hospital day 1  Solitary consolidation in subpleural region of right lower lobe  Air bronchogram | Hospital day 4  Solitary 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 9  Solitary GGO in subpleural region of right lower lobe (significantly decreased)  Air bronchogram (disappeared) | NA |
| **11** | Hospital day 1  Multiple patchy GGOs in subpleural regions of bilateral lower lobes  Consolidation in subpleural regions of bilateral lower lobes | Hospital day 5  Multiple GGOs in subpleural regions of bilateral lungs (increased)  Multiple consolidation in subpleural regions of bilateral lower lobes (increased) | Hospital day 10  GGOs in subpleural regions of bilateral lungs (decreased)  Consolidation in subpleural regions of bilateral lower lobes (decreased) | Hospital day 18  GGOs in subpleural regions of bilateral lungs (significantly decreased)  Consolidation in subpleural regions of bilateral lower lobes (significantly decreased) |
| 12 | Hospital day 1  Multiple patchy GGOs in subpleural regions of bilateral lungs  Consolidation in subpleural regions of bilateral lower lobes  “fibrosis-like” stripes in bilateral lower lobes | Hospital day 4  Multiple 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 10  GGOs 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 1  Multiple patchy GGOs combined with IST in bilateral subpleural regions | Hospital day 5  Multiple patchy GGOs combined with IST in bilateral subpleural regions (enlarged lesions as well as decreased density)  IST (disappeared) | Hospital day 9  Multiple patchy GGOs in bilateral subpleural regions (enlarged lesions as well as decreased density) | Hospital day 18  GGOs in bilateral subpleural regions (significantly decreased) |
| 14 | Hospital day 1  Solitary patchy consolidation in subpleural region of left lower lobe  “fibrosis-like” stripes located in left lower lobe | Hospital day 3  Solitary 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 8  Consolidation 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 14  Consolidation 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 1  Multiple GGNs in bilateral subpleural regions  GGN combined with “reversed halo sign” in left lower lobe | Hospital day 5  Multiple GGNs combined with IST in bilateral subpleural regions (significantly increased)  “fibrosis-like” stripes in bilateral lower lobes (new lesions) | Hospital day 21  GGNs in bilateral subpleural regions (significantly decreased)  “fibrosis-like” stripes in bilateral lower lobes (disappeared) | NA |
| **16** | Hospital day 1  Solitary GGO in subpleural region of left lower lobe | Hospital day 4  Multiple GGOs combined with IST in bilateral subpleural regions (significantly increased) | Hospital day 16  Multiple 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 1  Multiple GGOs in bilateral subpleural regions  “fibrosis-like” stripes in bilateral lower lobes  Vascular thickening | Hospital day 4  Multiple 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 18  GGOs 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 1  Normal CT findings | Hospital day 5  Normal CT findings | Hospital day 13  Normal CT findings | NA |
| **19** | Hospital day 1  Solitary GGN in subpleural region of left superior lobe | Hospital day 4  Multiple 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 7  Multiple 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 1  Solitary GGO in subpleural region of left superior lobe | Hospital day 7  Multiple GGOs in bilateral subpleural regions (increased) | NA | NA |
| 21 | Hospital day 1  GGNs in bilateral subpleural regions  GGN combined with “reversed halo sign” in left lower lobe | Hospital day 5  Multiple GGOs combined with IST in bilateral subpleural regions (increased) | Hospital day 8  Multiple GGOs combined with IST in bilateral subpleural regions (increased) | Hospital day 18  GGOs in bilateral subpleural regions (significantly decreased) |
| **22** | Hospital day 2  Solitary GGO combined with IST in subpleural region of left lower lobe | Hospital day 6  Multiple GGOs combined with IST in subpleural region of left lung (increased) | Hospital day 11  Multiple GGOs in subpleural region of left superior lobe(unchanged)  Multiple nodules in left lower lobe (increased density) | Hospital day 19  GGO 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.