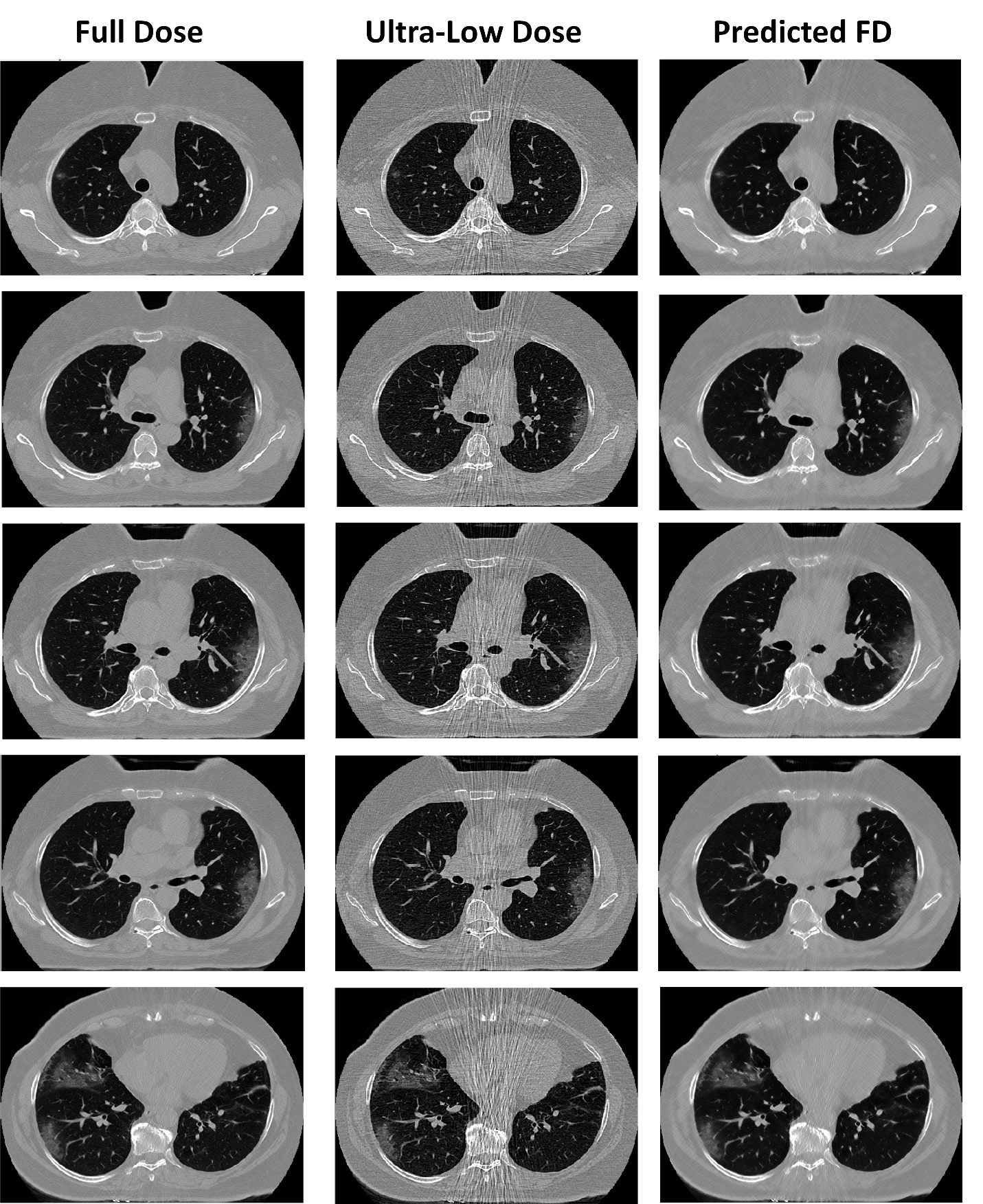
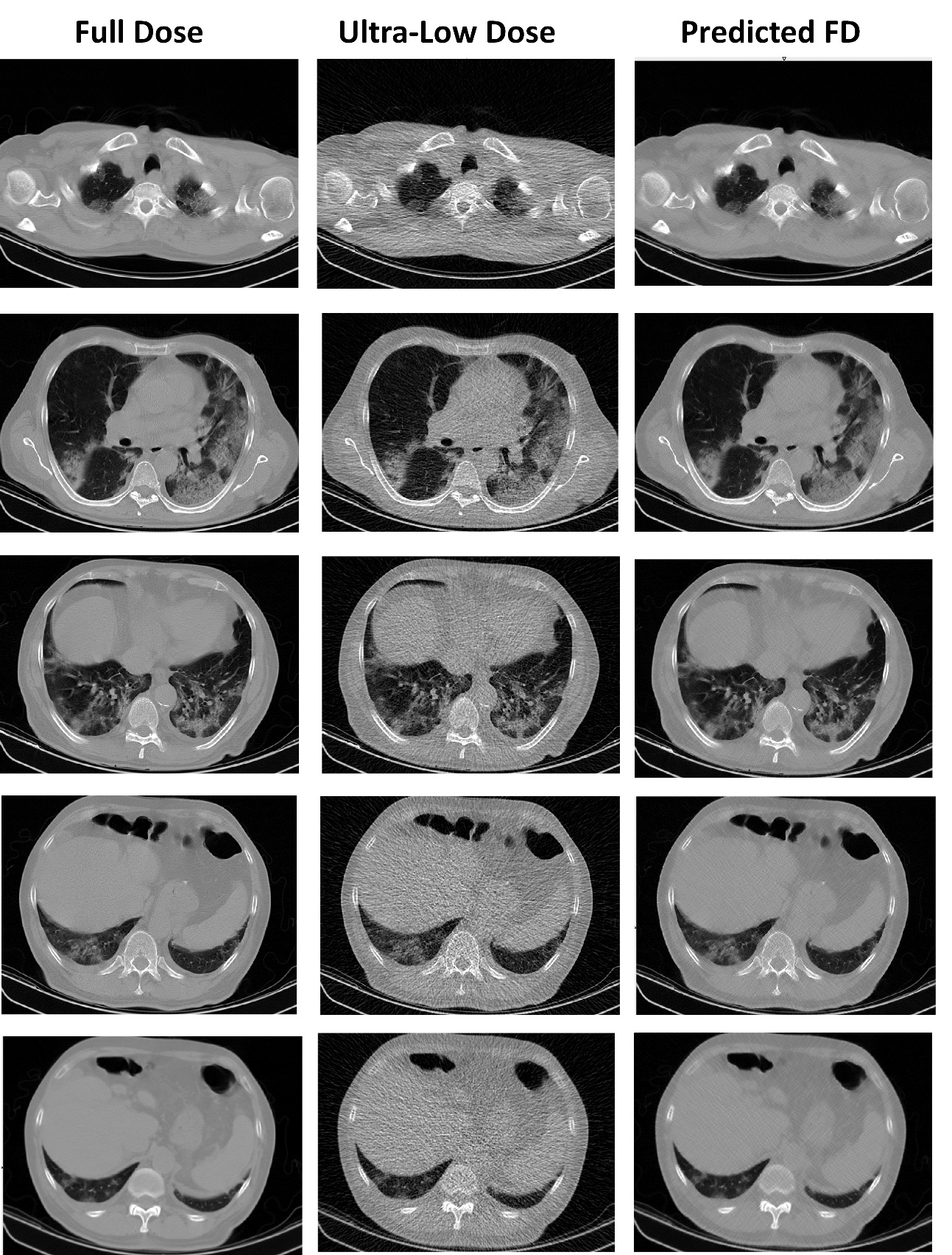
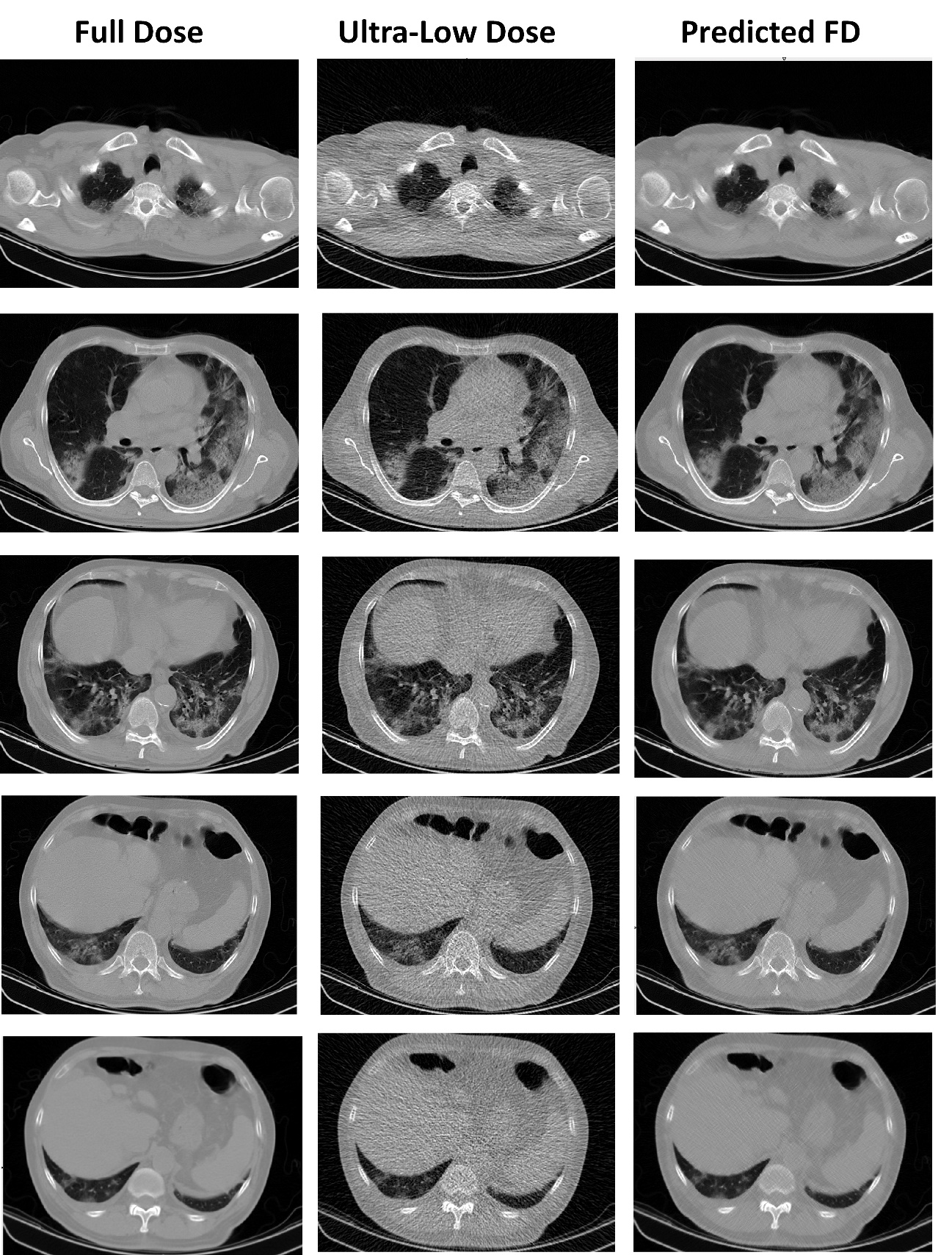
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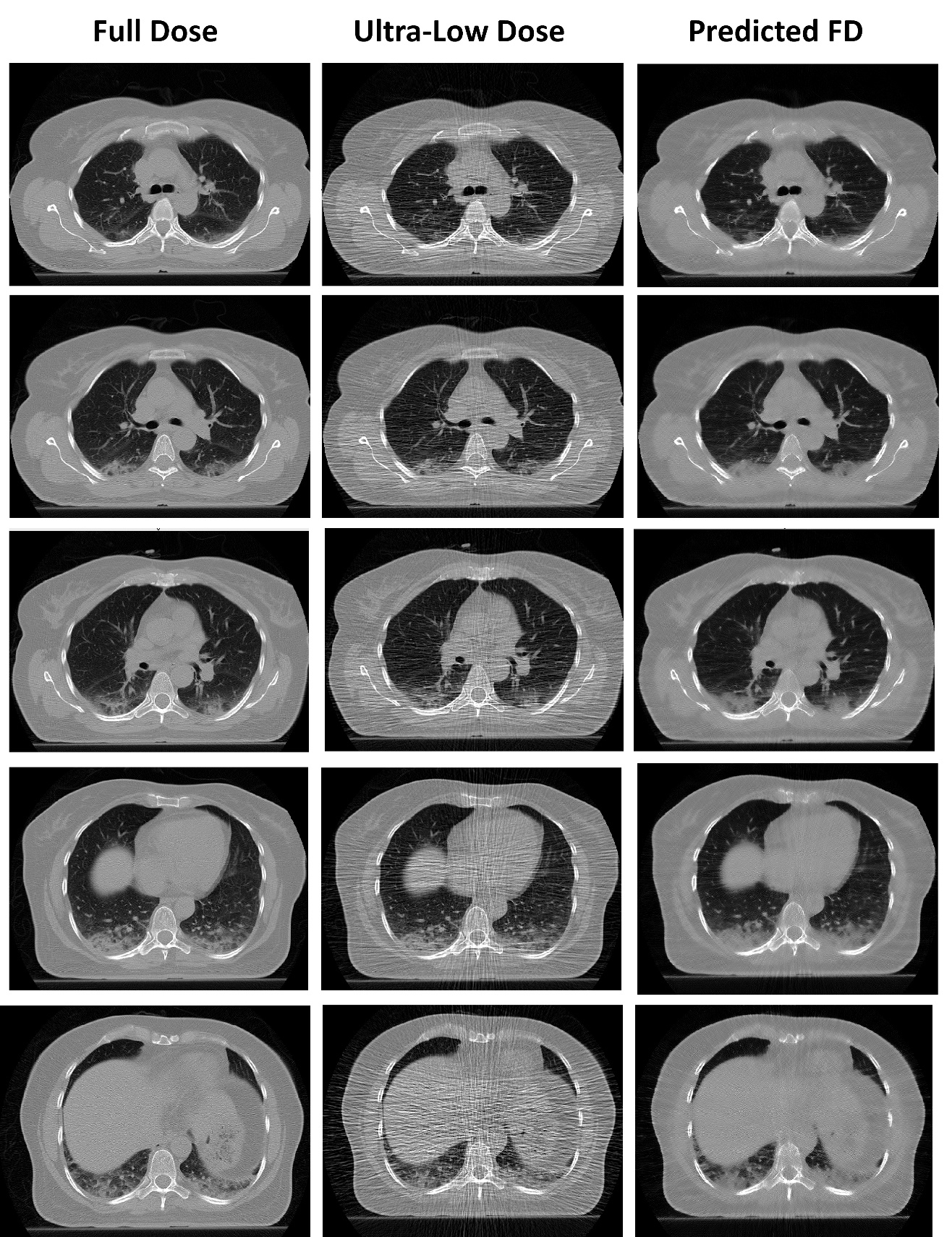
**Supplemental Figure 1.** Representative full-dose image and corresponding ultra-low-dose and predicted full-dose images case 2.

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**Supplemental Figure 2.** Representative full-dose image and corresponding ultra-low-dose and predicted full-dose images case 3.



**Supplemental** **Figure 3.** Outlier report: CT images of a patient where the deep learning algorithm improved image quality but changed the patchy lesion to consolidation in predicted images case 2.

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**Supplemental** **Figure 4.** Outlier report: CT images of a patient where the deep learning algorithm improved image quality but changed the patchy lesion to consolidation in predicted images case 3.