



**Supplementary Fig. 3.** (A) Fibrotic lesion identified as “AB” class by base model; (B) Lesions being confirmed by subsequent classes at same location; (C) Pleural effusion case detected as Abnormality in Left lower region; (D) The same lesion is confirmed by subsequent model; (E) Small nodule in left upper lesions missed by base model; (F) The same nodule is caught by subsequent model; (G) Case of enlarged heart flagged by this model; (H) False alert by the model.