

Description of Additional Supplementary Files

File Name: Supplementary Movie 1

Description: Respiratory motion reduction from prospective gating in free-breathing mice (cf. Fig. 2). Playbacks generated by looping through the twenty consecutive projections acquired with and without gating at 15 fps. Note that the playback speed does not correspond to movement real-time, as the projection images are acquired at different intervals (cf. top of Fig. 2).

File Name: Supplementary Movie 2

Description: Scrolling through a full lung volume reconstruction axial stack (cf. Fig. 4).

File Name: Supplementary Movie 3

Description: Example 3D rendering of bones, lungs, and tracheobronchial tree segmentation (cf. Fig. 6).