

Description of Additional Supplementary Files

File name: Supplementary Movie 1

Description: Representative case from a non-trained participant showing MRI-overlaid modeled diaphragm movement during regular breathing.

File name: Supplementary Movie 2

Description: Representative case from a non-trained participant showing modeled diaphragm movement during regular breathing.

File name: Supplementary Movie 3

Description: Representative case from a non-trained participant showing MRI-overlaid modeled diaphragm movement during deep breathing.

File name: Supplementary Movie 4

Description: Representative case from a non-trained participant showing modeled diaphragm movement during deep breathing.

File name: Supplementary Movie 5

Description: Representative case from a trained participant showing MRI-overlaid modeled diaphragm movement during regular breathing.

File name: Supplementary Movie 6

Description: Representative case from a trained participant showing modeled diaphragm movement during regular breathing.

File name: Supplementary Movie 7

Description: Representative case from a trained participant showing MRI-overlaid modeled diaphragm movement during deep breathing.

File name: Supplementary Movie 8

Description: Representative case from a trained participant showing modeled diaphragm movement during deep breathing.