Supplementary multimedia material to "A hyperspectral imaging system for mapping haemoglobin and cytochrome-c-oxidase concentration changes in the exposed cerebral cortex" by Luca Giannoni, Frédéric Lange, Marija Sajic, Kenneth J. Smith, and Ilias Tachtsidis.

Description: Here we provide the videos of the complete reconstructed maps of the relative changes in concentration of HbO_2, HHb and oxCCO on the exposed cortex of one of the subject mice, obtained with the hNIR system during alternating phases of normoxia, hyperoxia, hypoxia and anoxia. The videos are composed of a time succession of all the 50 maps (for each chromophore) corresponding to each time window of integration of the hyperspectral data (30 s each). One video includes the complete results from the uncorrected maps, while the other includes the complete corrected maps after spatially-selective, post-processing correction.

Size: The total size is about 69,846 Kbytes.

Player Information: The 2 videos are available in mp4 format. They should be viewable using Windows Media Player, QuickTime Player or VLC Media Player.

Extended Object List: There are 2 videos in mp4 format. Specifically, the following files are included:

- Reconstructed_maps_11bands.mp4 (34,355 Kbytes);
- Corrected_maps_11bands.mp4 (35,491 Kbytes).

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