

Supplementary Figure 1. The optical response curve.

The recorded intensity of each pixel in a region of interest (ROI) versus the measurement time was fitted to a curve representing the response to inflation and deflation of the pressure cuff. Phase I baseline transmission (inflation of the cuff to 5 mmHg for the duration of 15 seconds), phase II and III inflation of the cuff to 50 mmHg during 60 seconds and phase IV after deflation of the cuff to 5 mmHg during 15 seconds.

