



Supplementary Fig. 2. The spectrogram and trends in the low-frequency power, high-frequency power, low-frequency to high-frequency power ratio, heart rate (computed from the instantaneous RR intervals), and blood pressure throughout the surgery of a 52-year-old female patient with an adjusted change in PD and change in lnLF of -1.6 mm and -2.04 ln(ms^2/Hz), respectively. This patient developed a hypotensive bradycardic event 63 min after the beginning of the surgery (163 min after the sitting position). Significant surges of low-frequency power and a low-frequency to high-frequency power ratio were accompanied by a hypotensive bradycardic event. ISBPB: interscalene brachial plexus block, PD: pupil diameter, BP: blood pressure. lnLF: natural-log-transformed low-frequency power of heart rate variability.