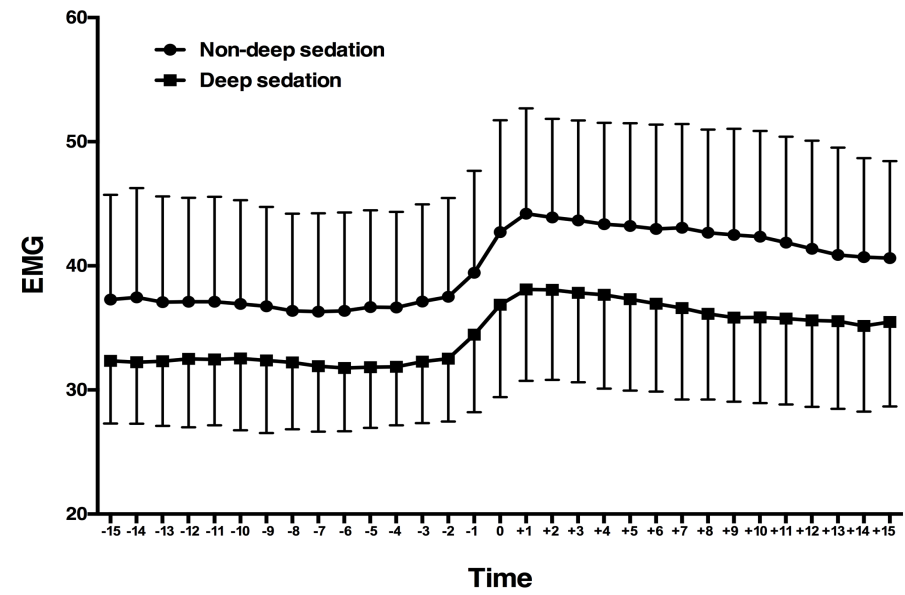


a



b

Supplemental Fig. 2. Bispectral index (BIS, a) and electromyographic activity (EMG, b) at different times in deep and non-deep sedation assessments.

Data are shown as mean + or – SD. Deep sedation was defined as a Richmond Agitation Sedation Scale (RASS) level of -3 to -5. Other RASS levels indicated non-deep sedation. BIS and EMG values in the deep sedation assessment were significantly lower than those in the non-deep sedation assessment ($P < 0.001$), and in both datasets, values after stimulation were significantly higher than those before stimulation ($P < 0.001$).