

**Supplementary Table 1.** Hunt Hess charge analysis

Hunt Hess	Sham group	taVNS group	Percent difference (%)
1 or 2	340.38±177.6	330.57±221.7	-3
3	763.67±413.4	583.25±126	-24
4	1023.67±570.7	760.5±289.2	-26

Values are presented as mean±standard deviation.

Hunt Hess charge analysis comparing 30-day hospital charges between taVNS treatment groups across different Hunt Hess grades. Percent difference indicates relative charge reduction in the taVNS group compared to Sham.