**figure S1.**

**A picture containing text, music

Description automatically generated**

Change in blood flow (VTI) presented as percentage change compared to baseline 40 seconds after start of SpNS as presented per patient for each stimulation. The amplitudes of the stimulation are listed below.

**figure S2.**

**Chart

Description automatically generated**

SpNS did not affect systemic hemodynamics. **A.** Change in heart rate (HR) and **B.** Change in mean arterial blood pressure (mABP) compared to baseline 15 and 40 seconds after start of SpNS.

**Table S1. Stimulation levels (amplitude)**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Patient** | **Stimulation 1** | **Stimulation 2** | **Stimulation 3** | **Stimulation 4** |
| 001 | 10 | 10 | - | - |
| 002 | 8 | 10 | 12 | - |
| 003​ | 10 | 12 | 14 | 16 |
| 004 | 12 | 14 | 16 | - |
| 006 | 12 | 14 | 16 | - |
| 007 | 12 | 14 | 16 | - |
| 008 | 14 | 16 | 18 | - |
| 009 | 14 | 16 | 18 | - |
| 010 | 14 | 16 | 18 | - |
| 011 | 14 | 16 | 18 | - |
| 012 | 16 | 18 | 20 | - |
| 013 | 16 | 18 | 20 | - |
| 014 | 16 | 18 | 20 | - |