## **Description of Additional Supplementary Files**

File name: Supplementary Video 1

**Description:** The sutrode flexibility and impedance stability when making a knot.

File name: Supplementary Video 2

**Description:** The sutrode is used as conductive suture for muscle stimulation.

File name: Supplementary Video 3

**Description:** Splenic neurovascular plexus terminal branches.

File name: Supplementary Data 1

**Description:** Data underlying graphs and charts.