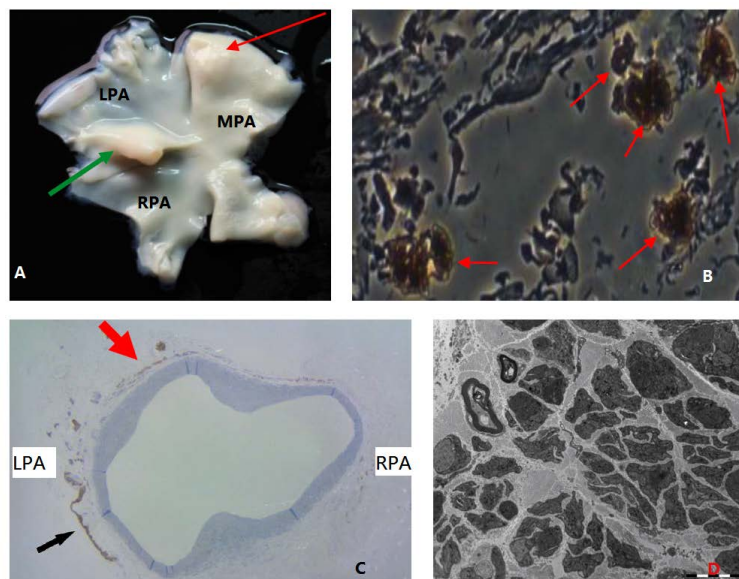


Pulmonary Artery Denervation for Treatment of Pulmonary Arterial Hypertension: Results From a Controlled Before and After Study

Research Article

Supplemental Data

Supplemental Figure 2. Sympathetic nerves endings of a dog's pulmonary artery mostly localized in the anterior-lateral wall between MPA and LPA.



Supplemental Figure 2. Location of sympathetic nerves. A. pulmonary artery from a dog was incised along pulmonary artery (MPA). There was a cyst at distal MPA, and a crina (red arrow) was clearly between left pulmonary artery (LPA) and right pulmonary artery (RPA); B. sympathetic nerves staining showed the nerves ending (red arrow); C. nerves endings mostly localized in the anterior-lateral wall between MPA and LPA; D. electron microscopy showed the axon myolethin sheath.

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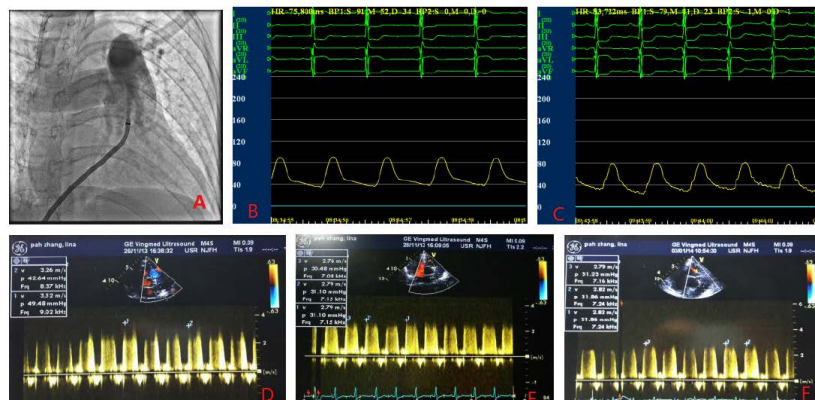
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Supplemental Figure 3. Dynamic change of pulmonary arterial pressure(PAP) in a 42-year patient with IPAH. Systolic PAP and mean PAP decreased from 91 mmHg and 52 mmHg to 79 mmHg and 41mmHg at 10-month after PADN. Cardiac echo showed the mean PAP decreased from 42 mmHg at baseline to 30.48mmHg 48-hour after PADN and 31.3 mmHg 1-month after PADN.



Supplemental Figure 3. Dynamic change of pulmonary arterial pressure (PAP) in a 42 year patient with idiopathic pulmonary hypertension. A. baseline angiography; Systolic PAP and mean PAP decreased from 91 mmHg and 52 mmHg (B) to 79 mmHg and 41 mmHg at 10-month after pulmonary artery denervation (C); cardiac echo showed the mean PAP decreased from 42 mmHg at base line (D) to 30.48 mmHg 48-hours after denervation (E) and 31.3 mmHg 1-month after denervation.