Online Resource 1. Experimental studies design (A-B). One animal with PH died before week 16.

A. Porcine model of PH.

- 6-week old large white pigs

B. Experimental study design.

- PH (n=4): 0 weeks, 4 weeks, longitudinal, 1 death at 16 weeks
- Sham (n=4): 0 weeks, 4 weeks, cross-sectional

Procedure: (1) Ligation of left PA
(2) Iterative right lower lobe PA embolization

Emboliations
Ligation
Sham procedures