

# **A Randomized Trial of Lung Sealant versus Medical Therapy for Advanced Emphysema**

## **Online Data Supplement**

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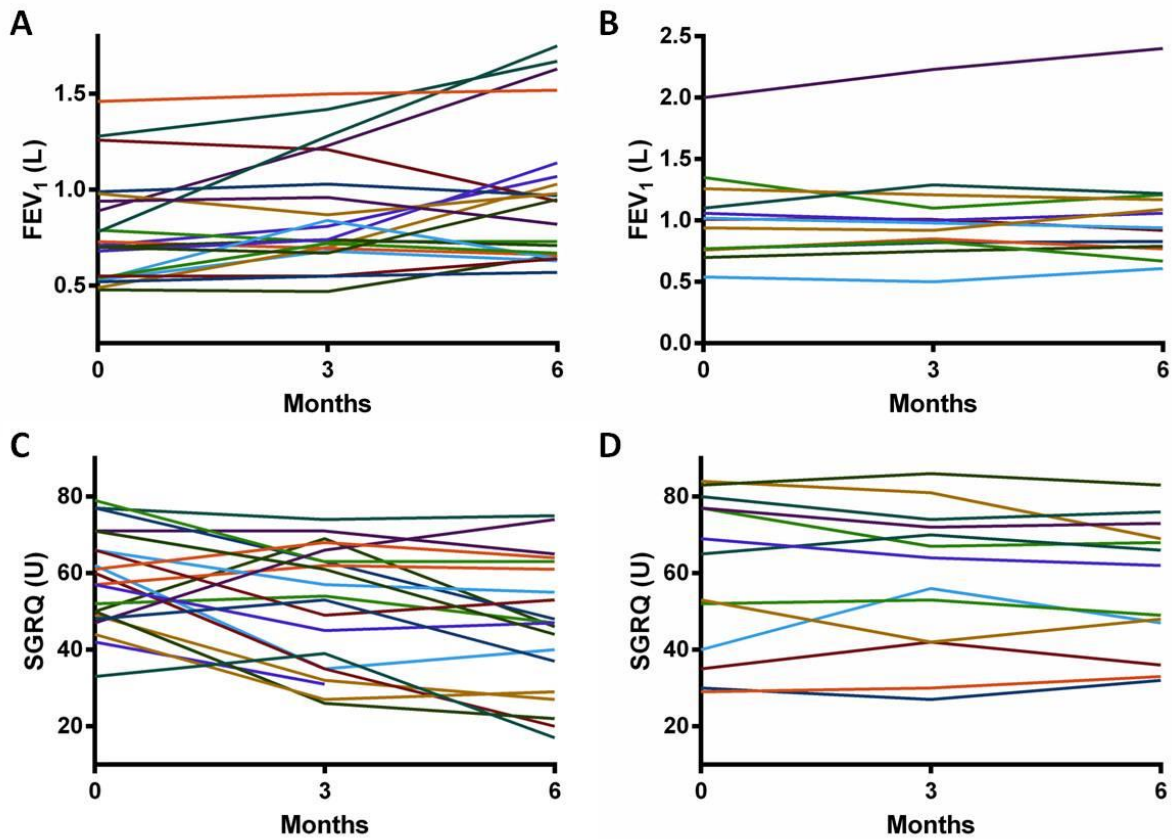
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## **Methods**

### *Procedure – treatment delivery*

Emphysematous Lung Sealant Therapy was delivered as follows: the bronchoscope was passed into wedge position at a target site and the treatment catheter was positioned 2-4 cm beyond the end of the bronchoscope under direct visualization; sealant components (5mL) and air (15mL) were mixed to generate 20mL of liquid foam, which was rapidly injected through the catheter while maintaining wedge position; immediately post injection, 30mL of air was delivered to advance the foam peripherally; the bronchoscope was left in wedge position for one minute while the sealant polymerized. The procedure was repeated until all target sites were treated.

## Results



**Figure S1.** Plot of FEV<sub>1</sub> at baseline, three months, and six months for each patient with six month follow-up data for **A)** treated patients and **B)** control patients. Similar plots of SGRQ for **C)** treated patients and **D)** control patients. These data suggest that many treated patients had durable and ongoing improvements in FEV<sub>1</sub> and SGRQ from three to six months. Note, one treated patient was missing 6 month SGRQ data; in the manuscript this patient was not counted as achieving a minimally clinically important difference in SGRQ at 6 months.