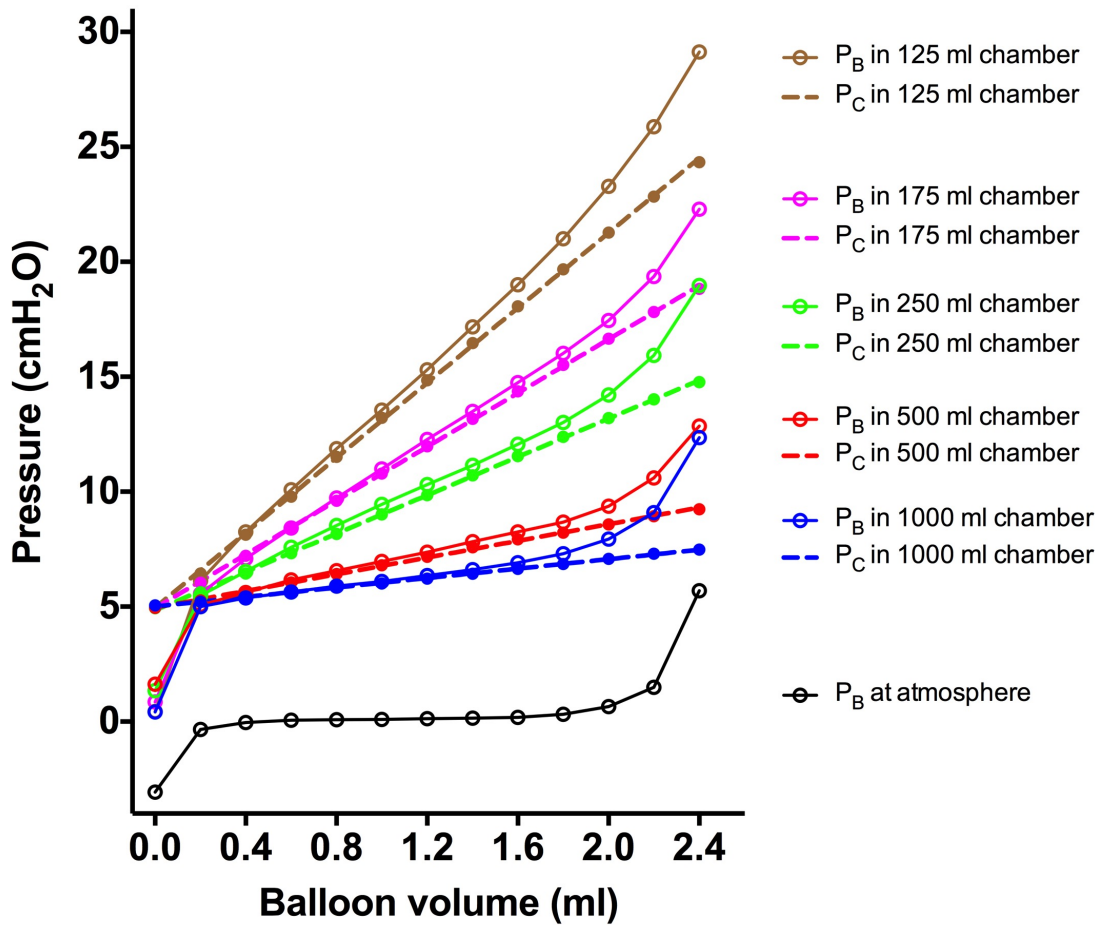


**Use of esophageal balloon pressure-volume curve analysis to  
determine esophageal wall elastance and calibrate raw esophageal  
pressure: a bench experiment and clinical study**

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**Additional file 3: Figure S1**



**Figure S1.** Pressure-volume curves at the atmosphere and in chambers with five different inner volumes at baseline chamber pressure of 5 cmH<sub>2</sub>O. Balloon pressure ( $P_B$ ) is shown as circle and solid line, and chamber pressure ( $P_C$ ) as dot and dash line. Slope of intermediate linear section increased as chamber volume decreased corresponding to increased chamber elastance.