Lung compliance measurement in mice

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TO THE EDITOR: I read the article by Martin et al. (1) in the September 2007 issue of *AJP-Lung*. The authors presented interesting observations of increased lung compliance in TIMP-3 null mice during a septic insult. Lung compliance was measured by the linear regression method, the constant phase model, and indirectly by light microscopy morphometry. However, they failed to provide data on static lung compliance using the pressure-volume curve, the gold standard for measuring lung recoil. It would have been an easy postmortem measurement in an open chest mouse using flexiVent. Without the measurement of true lung recoil property, their results remain uncertain.

REFERENCE