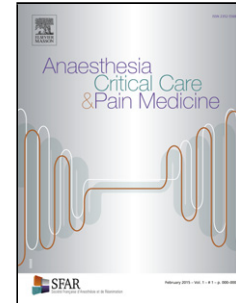


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Rationale, study design, and analysis plan of the Lung Imaging morphology for Ventilator settings in acute respiratory distress syndrome study (LIVE study): study protocol for a randomised controlled trial.

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Disclosure of interest

The authors declare that they have no conflicts of interest concerning this article.

Abstract: Different acute respiratory distress syndrome (ARDS) phenotypes may explain controversial results in clinical trials. Lung-morphology is one of the ARDS-phenotypes and physiological studies suggest different responses in terms of positive-end-expiratory-pressure (PEEP) and recruitment-manoevres (RM) according to loss of aeration. To evaluate whether

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