Author's response to reviews

Title: High tidal volume mechanical ventilation-induced lung injury in rats is greater after acid instillation than after sepsis-induced acute lung injury, but does not increase systemic inflammation: an experimental study.

Authors:

Jan Willem Kuiper (jw.kuiper@vumc.nl)
Frans B Plotz (fb.plotz@planet.nl)
AB Johan Groeneveld (johan.groeneveld@vumc.nl)
Jack J Haitsma (jack.haitsma@utoronto.ca)
Serge J Jothy (jothys@smh.toronto.on.ca)
Rosanna Vaschetto (vaschet@med.unipmn.it)
Haibo Zhang (haibo.zhang@utoronto.ca)
Arthur S Slutsky (arthur.slutsky@utoronto.ca)

Version: 3 Date: 1 June 2011

Author's response to reviews: see over
To: Editor in Chief BMC Anesthesiology  
Critical Care Editorial Office  
Floor 6, 236 Gray's Inn Road  
London WC1X 8HB  
United Kingdom  

Amsterdam June, 2011  

Dear Editor in Chief,  

We would like to submit a report for your consideration to be published in Critical Care. The manuscript is titled: High tidal volume mechanical ventilation-induced lung injury in rats is greater after acid instillation than after sepsis-induced acute lung injury, but does not increase systemic inflammation: an experimental study. The manuscript is drafted by JW Kuiper, FB Plötz, ABJ Groeneveld, JJ Haitsma, S Jothy, R Vaschetto, H Zhang and AS Slutsky.  

This manuscript is the first to evaluate the effects of different ventilatory strategies during pulmonary and extrapulmonary lung injury in rats. We describe the different effects of mechanical ventilation in pulmonary and extrapulmonary lung injury on respiratory mechanics and function, without an effect on systemic inflammation. Our data support further evaluation of the interaction between aetiology of acute lung injury, mechanical ventilation and decompartmentalization of the pulmonary inflammatory response in patients.  

The manuscript, or part of it, has not been published nor is currently under consideration for publication by any other journal. The co-authors have read the manuscript and approved its submission to BMC Anesthesiology.  

With kind regards,  

Jan Willem Kuiper, M.D.  
VU University Medical Center, Department of Paediatrics