RETRACTION NOTE

Retraction Note to: PRO: hydroxyethylstarch can be safely used in the intensive care patient—the renal debate

Editorial Office of Intensive Care Medicine

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Retraction note to: Intensive Care Med (2009)

35:1331–1336

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The Editor-in-Chief has retracted this article [1] because a number of studies included in this review [2, 3, 4, 5, 6] (originally cited as references 18, 19, 20, 21, and 25) have subsequently been retracted. This has rendered the content of the review unreliable.

Author Joachim Boldt has not responded to any correspondence from the publisher about this retraction.

1. Boldt J (2009) PRO: hydroxyethylstarch can be safely used in the intensive care patient—the renal debate. *Intensive Care Med* 35:1331.
2. Boldt J, Müller M, Mentges D, Papsdorf M, Hempelmann G (1998) Volume therapy in the critically ill: is there a difference? *Intensive Care Med* 24:28–36
3. Boldt J, Brenner T, Lehmann A, Lang J, Kumle B, Werling C (2003) Influence of two different volume replacement regimens on renal function in elderly patients undergoing cardiac surgery: comparison of a new starch preparation with gelatin. *Intensive Care Med* 29:763–769

4. Boldt J, Brosch C, Röhm K, Papsdorf M, Mengistu A (2008) Comparison of the effects of gelatin and a modern hydroxyethyl starch solution on renal function and inflammatory response in elderly cardiac-surgery patients. *Br J Anaesth* 100:457–464
5. Boldt J, Brosch C, Ducke M, Papsdorf M, Lehmann A (2007) Influence of volume therapy with a modern hydroxyethylstarch preparation on kidney function in cardiac-surgery patients with compromised renal function: a comparison with human albumin. *Crit Care Med* 35:2740–2746
6. Boldt J, Brosch C, Röhm K, Lehmann A, Mengistu A, Suttner S (2008) Is albumin administration in hypoalbuminemic elderly cardiac-surgery patients of benefit with regard to inflammation, endothelial activation, and long-term kidney function? *Anesth Analg* 107:1496–1503

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