



Notices of retraction

Retraction notice to: Boldt J, Kling D, von Bormann B, Hempelmann MZG, Scheld H. Blood conservation in cardiac operations: cell separation versus hemofiltration. *J Thorac Cardiovasc Surg.* 1989;97:832-40.

This article has been retracted: please see Elsevier Policy on Article Withdrawal (<http://www.elsevier.com/locate/withdrawalpolicy>).

This article has been retracted at the request of the Editor-in-Chief and the *JTCVS* Ethics Editors due to serious instances of research misconduct and breaches of scientific integrity that were discovered following an investigation by the University of Giessen.



Retraction notice to: Boldt J, Kling D, Dapper F, Hempelmann G. Myocardial temperature during cardiac operations: influence on right ventricular function. *J Thorac Cardiovasc Surg.* 1990;100:562-8.

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Retraction notice to: Boldt J, Knothe C, Zickmann B, Wege N, Dapper F, Hempelmann G. Comparison of two aprotinin dosage regimens in pediatric patients having cardiac operations: influence on platelet function and blood loss. *J Thorac Cardiovasc Surg.* 1993;105:705-11.

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Retraction notice to: Boldt J. Invited letter concerning: aprotinin use in pediatric cardiac operations: reply to the editor. *J Thorac Cardiovasc Surg.* 1993;105:759-60.

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Retraction notice to: Boldt J, Zickmann B, Schindler E, Welters A, Dapper F, Hempelmann G. Influence of aprotinin on the thrombomodulin/protein C system in pediatric cardiac operations. *J Thorac Cardiovasc Surg.* 1994;107:1215-21.

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