



Universiteit
Leiden
The Netherlands

Fetal Pain

Adama van Scheltema, P.

Citation

Adama van Scheltema, P. (2011, November 3). *Fetal Pain*. Retrieved from <https://hdl.handle.net/1887/18018>

Version: Corrected Publisher's Version

License: [Licence agreement concerning inclusion of doctoral thesis in the Institutional Repository of the University of Leiden](#)

Downloaded from: <https://hdl.handle.net/1887/18018>

Note: To cite this publication please use the final published version (if applicable).

Fetal pain

Phebe Adama van Scheltema

1

ISBN 978-94-6108-219-0



Cover design: Hans Antonissen

Printed by: Gildeprint Drukkerijen B.V., Enschede, the Netherlands

Financial support by BMA BV (Mosos), J.E. Jurriaanse Stichting and Philips medical Systems for the publication of this thesis is gratefully acknowledged.

© 2011 P.N. Adama van Scheltema

Fetal Pain

Proefschrift

ter verkrijging van de graad van Doctor aan de Universiteit Leiden, op
gezag van Rector Magnificus prof.mr. P.F. van der Heijden, volgens
besluit van het College voor Promoties te verdedigen op donderdag 3

november 2011 klokke 13.45 uur

door

Phebe Adama van Scheltema geboren te Zeist in 1976

Promotiecommissie

Promotores: Prof. Dr. J. Van Lith
Prof. Dr. F.P.H.A. Vandenbussche

Copromotor: Dr. D. Oepkes

Overige leden: Prof. Dr. L.P.H.J. Aarts
Prof. Dr. J.A. Deprest
Prof. Dr. E.A. Steegers
Prof. Dr. E.R. De Kloet
Prof. Dr. M. van de Velde
Prof. Dr. F.J. Walther

Contents

Chapter 1	General introduction	7
Chapter 2	Fetal Pain <i>Fetal and Maternal Medicine Review</i> 2008;19(4):311-324	
Chapter 3	Fetal Brain Hemodynamic Changes in Intrauterine Transfusion: Influence of Needle Puncture Site. <i>Fetal Diagn Ther.</i> 2009;26(3):131-133	
Chapter 4	Fetal stress hormone changes during intrauterine transfusions <i>Prenat Diagn</i> 2011; <i>in press</i>	
Chapter 5	Placental passage of remifentanil in the second and early third trimester <i>submitted for publication</i>	
Chapter 6	Summary, discussion and future perspectives	
Chapter 7	Samenvatting	
Abbreviations		
Authors and affiliations		
Publications		
Acknowledgements		
Curriculum vitae		

