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Ultrasound studies in monochorionic twin pregnancies : results of TULIPS: Twins and ultrasound in pregnancy studies

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Citation

Sueters, M. (2007, June 5). *Ultrasound studies in monochorionic twin pregnancies : results of TULIPS: Twins and ultrasound in pregnancy studies*. Retrieved from <https://hdl.handle.net/1887/12084>

Version: Corrected Publisher's Version

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

Abbreviations



AA	arterioarterial
AREDF	absent/reversed end-diastolic flow
AV	arteriovenous
CO	cardiac output
DV	ductus venosus
DVP	deepest vertical pocket
EDF	end-diastolic flow
EFW	estimated fetal weight
IUFD	intrauterine fetal death
IUGR	intrauterine growth restriction
LUMC	Leiden University Medical Center
MCA	middle cerebral artery
PI	pulsatility index
PIV	pulsatility index for veins
PSV	peak systolic velocity
RA	renal artery
RVOTO	right ventricular outflow tract obstruction
TAMX	time averaged maximum velocity
TAPS	twin anemia-polycythemia sequence
TR	tricuspid regurgitation
TRAP	twin reversed arterial perfusion
TTTS	twin-to-twin transfusion syndrome
UA	umbilical artery
UV	umbilical vein
V max	maximum flow velocity
VV	venovenous

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Publications



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Acknowledgements



Dank aan

Alle ouders van de "TULIPS-tweelingen"



Anne Miltenburg



Annemarie de Veld-van Heiningen



Annemieke Middeldorp



Dick Oepkes



"Eenlingzwangeren" voor het normaalwaardenonderzoek



Enrico Lopriore



Esther Sikkell



Frans Klumper



Gynaecologen, arts-assistenten en verloskundigen Groene Hart Ziekenhuis



Heleen van Dongen



Ivanka Bekker



Janneke Markensteijn-van den Bergh



Jennie Verdoes



Joost Zwart



Katinka Teunissen



Linda Anker



Mijn vader en moeder



Phebe Adama van Scheltema



Richard White



Robertjan Meerman



Saskia Le Cessie



Tom Dorresteyn



Verloskundigen LUMC



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Curriculum vitae auctoris



Marieke Sueters was born on March 13th, 1975 in Arnhem, the Netherlands. She graduated from high school (*atheneum*) at the Twickel College in Hengelo in 1993. After receiving her Bachelor Degree in Public Administration, she started Medical School at the University of Leiden in 1994. As a medical student, she worked at the Stichting Eurotransplant in Leiden as an organ allocation coordinator. In 1998, she spent half a year in Gutu Mission, Zimbabwe, investigating the determinants of episiotomy in rural Zimbabwe (Dr. J. van Roosmalen). Back in The Netherlands, she obtained her Medical Degree cum laude in 2001.

As a physician-sonographer at the Division of Fetal Medicine, Department of Obstetrics at the Leiden University Medical Center (LUMC), her fascination for monochorionic twins and twin-to-twin transfusion syndrome was aroused. She was appointed as AGIKO (resident and PhD student) at the Department of Obstetrics at the LUMC in July 2003. At the same time, the research entitled "TULIPS: Twins and ULtrasound In Pregnancy Studies", of which the results are described in this thesis (Prof. Dr. H.H.H. Kanhai, Dr. F.P.H.A. Vandenbussche), was initiated. In July 2005, she started her residency training in Obstetrics and Gynecology at the Groene Hart Hospital in Gouda (Dr. H. van Huisseling), during which she finished writing this thesis. Her residency program will be continued at the LUMC (Prof. Dr. H.H.H. Kanhai) and completed at the Groene Hart Hospital.

Marieke Sueters currently lives in Leiden with her husband Bas Pietersen en their lovely son Guus. She is looking forward to the birth of their second child in September 2007.