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Placental characteristics and complications in monochorionic twin pregnancies

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Citation

Zhao, D. P. (2016, November 8). *Placental characteristics and complications in monochorionic twin pregnancies*. Retrieved from <https://hdl.handle.net/1887/44230>

Version: Not Applicable (or Unknown)

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Author: Zhao, D.P.

Title: Placental characteristics and complications in monochorionic twin pregnancies

Issue Date: 2016-11-08

PART V: Appendices

Publications

1. Spruijt MS, Tameeris E, **Zhao DP**, Middeldorp JM, Haak MC, Oepkes D, Lopriore E. Incidence and causes of intentional fetal or neonatal demise in twin-twin transfusion syndrome. *Submitted*.
2. Verbeek L, **Zhao DP**, Middeldorp JM, Oepkes D, Hooper SB, Te Pas AB, Lopriore E. Hemoglobin levels at birth in dichorionic versus monochorionic twins. *Submitted*.
3. Cambiaso O, **Zhao DP**, Abasolo JI, Aiello HA, Oepkes D, Lopriore E, Otaño L. Discordance of cord insertions as a predictor of discordant fetal growth in monochorionic twins. *Placenta*. 2016;47:81-5.
4. Slaghekke F, **Zhao DP**, Middeldorp JM, Klumper FJ, Haak MC, Oepkes D, Lopriore E. Antenatal management of twin-twin transfusion syndrome and twin anemia-polycythemia sequence. *Expert Rev Hematol*. 2016;9(8):815-20.
5. **Zhao D**, Cohen D, Middeldorp JM, van Zwet EW, De Paepe M, Oepkes D, Lopriore E. Histological Chorioamnionitis and Funisitis After Laser Surgery for Twin–Twin Transfusion Syndrome. *Obstet Gynecol*. 2016;128(2):304-12
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7. **Zhao D**, Lipa M, Wielgos M, et al. Comparison Between Monochorionic and Dichorionic Placentas With Special Attention to Vascular Anastomoses and Placental Share. *Twin Res Hum Genet*. 2016;19:191-6.
8. Verbeek L, **Zhao DP**, Te Pas AB, et al. Hemoglobin Differences in Uncomplicated Monochorionic Twins in Relation to Birth Order and Mode of Delivery. *Twin Res Hum Genet*. 2016;19:241-5.
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11. Tollenaar LSA, **Zhao DP**, Middeldorp JM, Slaghekke F, Oepkes D, et al. Color difference in placentas with twin anemia-polycythemia sequence: an additional diagnostic criterion? *Fetal Diagn Ther*. 2016 Jan 21. [Epub ahead of print]
12. **Zhao DP**, Peeters SHP, Middeldorp JM, et al. Monochorionic placentas with proximate umbilical cord insertions: Definition, prevalence and angio-architecture. *Placenta* 2015;36:221-25.
13. **Zhao DP**, Dang Q, Haak MC, et al. 'Superficial' anastomoses in monochorionic placentas are not always superficial. *Placenta* 2015;36:1059-61.
14. **Zhao DP**, Cambiaso O, Otaño L, et al. Venovenous anastomoses in twin-twin transfusion syndrome: A multicenter study. *Placenta* 2015;36:911-4.
15. de Villiers SF[#], **Zhao DP**[#], Cohen D, et al. Correlation between venovenous anastomoses, TTTS and perinatal mortality in monochorionic twin pregnancies. *Placenta* 2015;36:603-6.
16. **Zhao DP**, Cohen D, Middeldorp JM, et al. The role of venovenous anastomoses in twin-twin transfusion syndrome. *Placenta* 2014;35:334-6.
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21. **Zhao D**[#], Liu D[#], Chen X, et al. Prenatal stress disturbs hippocampal KIF17 and NR2B in spatial cognition in male offspring. *J Neurosci Res* 2013;91:535-44.

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Curriculum Vitae

De-Peng Zhao was born on 20th August, 1984 in Zan Huang county, China. He graduated from Shijiazhuang Sili No.1 Middle School in 2004. After his graduation, he was admitted to Jilin Medical University and studied medicine there from 2004 to 2009. After obtaining his bachelor degree, he continued his medical studies at the Shanghai First Maternity and Infant Hospital, Tongji University from 2009 to 2012. In 2012, he contacted Prof. Dr. Enrico Lopriore to apply for a PhD position in Leiden. Afterwards, He submitted the admission letter from Prof. Enrico Lopriore to the China Scholarship council and was awarded a 4-year scholarship for his PhD training in Leiden. Here, Prof. Enrico Lopriore and Prof. Dick Oepkes led him into the field of fetal medicine. His PhD project is mainly focused on the characteristics and complications of monochorionic placentas, successfully yielding this thesis.

Acknowledgment

I am greatly indebted to my promoters for providing me with the opportunity of PhD training in the Netherlands:

Prof. Dr. Enrico Lopriore

Prof. Dr. Dick Oepkes

I also very grateful to all colleagues from the Departments of Pediatrics and Obstetrics and overseas collaborators, in particularly: Ilona Narayen, Viviane Smits-Wintjens, Wendy Matthijsen, Frans Klumper, Monique Haak, Femke Slaghekke, Suzanne Peeters, Joost Akkermans, Monique De Paepe, Lucas Otaño, Tao Duan.

Again, many thanks to the midwives and nurses from labor ward for their contribution to continuous monochorionic placenta stream.

My most loved families: 橙(2014), 雪雨, 爸爸妈妈.

List of Abbreviations

AA	arterioarterial
AV	arteriovenous
CA	chorioamnionitis
CI	confidence interval
DC	Dichorionic
EONS	early-onset neonatal sepsis
FIRS	fetal inflammatory response syndrome
FLS	fetoscopic laser surgery
IL-6	interleukin-6
IQR	interquartile range
MC	Monochorionic
OR	odds ratios
PPROM	preterm prelabour rupture of membranes
PCI	proximate cord insertions
SIUGR	selective intrauterine growth discordance
TAPS	Twin anemia-polycythemia sequence
TTTS	Twin–twin transfusion syndrome
VCI	velamentous cord insertion
VV	Venovenous

