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## Placental characteristics and complications in monochorionic twin pregnancies

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## Stellingen

### Placental Characteristics and Complications in Monochorionic Twin Pregnancies

1. Colored-dye injection is a reliable method to demonstrate angioarchitecture in monochorionic placenta. *This thesis*
2. The angioarchitecture varies in monochorionic placentas with different fetal complications. *This thesis*
3. The presence of veno-venous anastomoses contributes to the development of twin-twin transfusion syndrome and adversity of perinatal outcome. *This thesis*
4. The risk of fetal inflammatory response is increased after fetoscopic laser surgery for twin-twin transfusion syndrome. *This thesis*
5. Novel technologies are urgently needed to *in vivo* detect the presence of various types of vascular anastomoses and to evaluate the hemodynamics in vascular anastomoses in relation to fetal condition.
6. A prediction model with involvement of vascular anastomoses is required to assess the prognosis of twin-twin transfusion syndrome prior to fetoscopic laser surgery.
7. Multicenter efforts are required to study the correlation between angioarchitecture and perinatal outcome in twin anemia-polycythemia sequence.
8. Genome-editing techniques and stem cell therapy are promising for boosting the growth of the placental territory in the smaller twin with selective intrauterine growth restriction.
9. It's not the will to publish, but the will to prepare to publish that makes the difference. *Own experience*
10. You must learn from the mistakes of others. You can't possibly live long enough to make them all yourself. *Sam Levenson*
11. To learn from a variety of places, To ask until you satisfy your desire to learn, To reflect meticulously, To distinguish clearly between truth and lies, To manifest that which you have learnt. *Book of Rites*
12. A journey of a thousand miles begins with a single step. *Tao Te Ching*