

Stellingen behorende bij het proefschrift:

Under the surface

Perioperative pathophysiology of the surgical newborn

1. The single use of NIRS or aEEG to monitor the brain neither adds to understand perioperative neonatal pathophysiology, nor enables early detection of deviation from the norm (this thesis)
2. Thoracoscopic surgery might be safe, but affects the neonatal physiology more than open surgery (this thesis)
3. Clinicians are not able to handle continuously highly-changing simultaneous parameters and need a computational approach to interpret peri-operative neonatal physiology (this thesis)
4. A pediatric intensivist or neonatologist who performs anesthesia during a surgical procedure at the ward should have had extensive anesthesiologic training (this thesis)
5. Integrative (neuro)monitoring is the best approach to detect perioperative brain injury (this thesis)
6. Clinicians should use objective information provided for instance by big data to better understand the clinical condition of the patient and use this information in their clinical decision making (Hulsen, *Frontiers in Medicine* 2019)
7. The use of artificial intelligence in healthcare forces clinician to empathize more in their daily practice (*Deep Medicine*, Eric Topol)
8. Mothers who consume chocolate during pregnancy have happier babies. (Räikkönen, *Early Hum Dev*, 2004)
9. There are benefits to working fathers being more involved at home not just for their children and their female partners, but also for the fathers themselves and their organizations (*Harvard business review* 2021)
10. The art of medicine consists in amusing the patient while nature cures the disease (Voltaire)
11. At the end of the day, the only thing that really matters is the smile of a little boy.

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