

## **Drug therapy in critically ill children** are you awake?

1. In pediatric intensive care, children are oversedated in approximately one third of observations (this thesis)
2. There is no beneficial effect of daily sedation interruption in addition to protocolized sedation for critically ill children (this thesis)
3. The midazolam clearance in critically ill children is up to 77% lower in the presence of inflammation and multi-organ failure (this thesis)
4. Interleukin-6 seems to play a regulatory role in CYP3A downregulation (this thesis)
5. Increased drug concentrations owing to reduced clearance in critical illness do not necessarily lead to higher efficacy or toxicity, as pharmacodynamics can change concomitantly (this thesis)
6. The dose makes the poison (Paracelsus, 1493-1541)
7. A dedicated pharmacist in the ICU is essential and beneficial for the patients and the team (Chant, Intensive Care Medicine 2015)
8. None of the technical advances can begin to replace the caring physician, nurse and therapist at the bedside (Petty, Chest 1998)
9. Clowns or clown doctors significantly lessen children's anxiety in the operating room / hospital (Manyande, Cochrane 2015)
10. Positieve onderzoeksresultaten hebben een bijna drie keer grotere kans op publicatie dan negatieve resultaten (Korevaar & Hooft, NTvG 2014)
11. Luister naar ieders kritiek, maar behoud uw eigen oordeel (Shakespeare, 1564-1616)