

Model based dosing of tacrolimus after renal transplantation

1. The tacrolimus starting dose in adults should be higher in *CYP3A5* expressers, younger patients and those with a higher body surface area. It should be lower in patients carrying the *CYP3A4*22* allele – *this thesis*
2. Dosing tacrolimus solely on bodyweight results in overexposure in more than half of overweight or obese patients – *this thesis*
3. The weight-normalized starting dose of tacrolimus should be higher in children with a lower bodyweight and in those who are a *CYP3A5* expresser – *this thesis*
4. Dosing algorithms need to be tested prospectively in newly transplanted patients in a single arm study with PK endpoints – *this thesis*
5. Dosing algorithms will only be incorporated in clinical practice if they are proven more effective than standard bodyweight-based dosing in a prospective trial with clinical endpoints – *this thesis*
6. Implementing PK-guided dosing in clinical practice is more challenging than the modelling itself
7. Investigators greatly overestimate the pool of available patients who meet the inclusion criteria for clinical trials – *Thoma A. et al., Can J Surg. 2010.*
8. Knowledge is expanding faster than our ability to assimilate and apply it effectively – *Densen P., Trans Am Clin Climatol Assoc. 2011.*
9. De overheid heeft de plicht om kwetsbare burgers te beschermen en als vrijwillige vaccinatieprogramma's niet langer volstaan, zijn meer verplichtende maatregelen proportioneel en gerechtvaardigd – *“Maak vaccineren verplicht”, De Volkskrant 2018*
10. Brexit zal in de toekomst vrijwel zeker als een historische vergissing worden gezien – *Marcel Levi, Medisch Contact, 27-03-19.*
11. If you think education is expensive, try ignorance – *Robert Orben*