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Optimised administration of anti-infective drugs for prophylaxis and treatment in immunocompromised patients

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Propositions

accompanying the dissertation

Optimised Administration of Anti-Infective Drugs for Prophylaxis and Treatment in Immunocompromised Patients

by

Anne-Grete Märtson

1. Drug exposure parameters should be included in the evaluation of outcome in clinical studies. *This thesis*
2. The current dosing of ganciclovir is inadequate to achieve fast reduction of viral loads. *This thesis*
3. A fixed dose of caspofungin for obese patients has a large inherent risk of underexposure and subsequent treatment failure. *This thesis*
4. Therapeutic drug monitoring for both fluconazole and caspofungin should be considered in the management of patients with complex and less susceptible fungal infections. *This thesis*
5. The use of left-over samples has the potential to reduce the burden of clinical trials for both patients and clinical staff. *This thesis*
6. Modeling and simulation of drug exposure with correct validation will help solve difficult clinical questions. *This thesis*
7. To reach the known pharmacokinetic/pharmacodynamic target for *Candida parapsilosis*, it is necessary to monitor caspofungin exposure. *This thesis*
8. All models are wrong, but some are useful. *George E. P. Box*
9. Perfect is the enemy of good. *Voltaire*
10. To all fellow feminist scientists: we have come far, alone we might be faster, together we will go further. *Adapted from an African proverb*