

SAVE THE DATE: A Drug for Every Bug? PK/PD of Antibiotics

Wednesday November 18, 2015

University Medical Center Groningen (UMCG)

Symposium organized by the UMCG core A-team

What is the best antimicrobial treatment for patients with infections? The general idea is that it is all about 'the choice of an appropriate antimicrobial agent, the appropriate dosage, the appropriate duration of therapy, the appropriate route of administration, and the timely switch from intravenous to oral therapy'.

But what is 'appropriate', and is appropriate always optimal? Is it a matter of 'one dosage fits all' pathogens and does it apply to all locations of infection? It is widely acknowledged that a suboptimal dosage of antibiotics is associated with a worse clinical outcome and an increase in resistance development. If the antibiotic susceptibility of the relevant pathogen and the location of the infection are not taken into account, then it is more likely that the risk of suboptimal therapy will increase.

The symposium will focus on the optimal dosage of antibiotics based on pharmacokinetic/ pharmacodynamic principles in combination with precisely ascertained antimicrobial susceptibility data of the respective bacterial pathogens. This symposium will offer you guidance to apply PK/PD principles in daily clinical practice.

The symposium is open to microbiologists, ID physicians, hospital pharmacists, pediatricians, intensivists, and other professionals/students interested in the topic.

PK/PD OF ANTIBIOTICS

Chair: Jerome Lo Ten Foe, Daan Touw

13:30-14:00 Registration, tea/coffee

14:00-14:30 **Welcome by Sander van Assen (UMCG)**

Basics, aminoglycosides as a model by Daan Touw (UMCG)

14:30-15:00 **Glycopeptides: Vancomycin, Teicoplanin by Sander Croes (MUMC)**

15:00-15:30 Break

15:30-16:00 **Colistin by Erik van Kan (Gelre Ziekenhuizen)**

16:00-16:30 **β -Lactams incl. OPAT by Leo Visser (LUMC)**

16:30-16:45 Q & A with **Kasper Wilting (UMCG)**

16:45-17:00 **Wrap up by Prashant Nannan Panday and Bhanu Sinha (UMCG)**

Costs € 75,-

Accreditation NVZA and others

This symposium will take place prior to the Noordelijk Schimmel Symposium

For more information:

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