

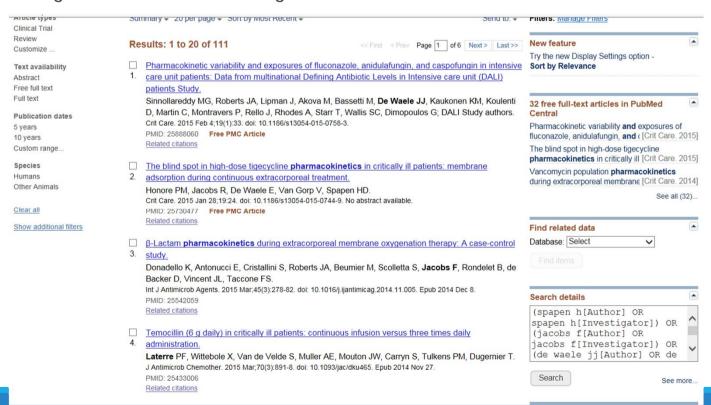


PRESENTATION OF THE PKPD WORKGROUP

On behalf of the members of the PKPD workgroup Isabel Spriet SBIMC - BVIKM symposium 23 04 2015

Background

1) Last decade: a significant amount of Belgian research in antimicrobial PKPD



Background

- 2) Same PKPD issues in Belgian hospitals
- reference interval for vancomycin trough levels?
- continuous vs. intermittent infusion for vancomycin
- benefit of routine TDM for betalactams?
- 0
- 3) Need for collaboration
- Research in subpopulations: need for multicentre studies in order to meet sufficient sample size
- Analysis methods (e.g. for meropenem) already up and running in several Belgian centres
- Sharing experience in PK calculation and modeling

Setup of PKPD workgroup

- Idea to setup a PKPD workgroup
- Common topic is 'antimicrobial PKPD research' → workgroup part of the BVIKM-SBIMC
- Multidisciplinary group
 - Microbiologists
 - Infectious disease specialists
 - Intensivists
 - Nephrologists
 - Pharmacists
 - 0
- Aim is to meet 3 à 4 times a year, meeting place is Brussels

Objectives of the PKPD workgroup

QUALITY CONTROL ANALYSIS METHODS

- external (belgian) validation of analysis methods (e.g. for betalactam)

PRACTICE GUIDELINES

- develop practice guidelines
- e.g. TDM of betalactams: which targets? time of sampling and reference interval? algorithm for dose adjustments?
- Publication of guidelines on SBIMC-BVIKM website?

ORGANISATION OF PKPD EVENTS

- PKPD symposium every 2 year? - in collaboration with SBIMC-BVIKM board

COLLABORATIVE RESEARCH

- define research needs and priorities
- setup common research projects multicentre studies

Contact

Antimicrobial PKPD related questions and ideas are warmly welcomed!

- Please send these to the SBIMC-BVIKM board via Mme. Elise Brisart (elise.brisart@erasme.ulb.ac.be)
- New members are welcome max. 2à3 members per hospital