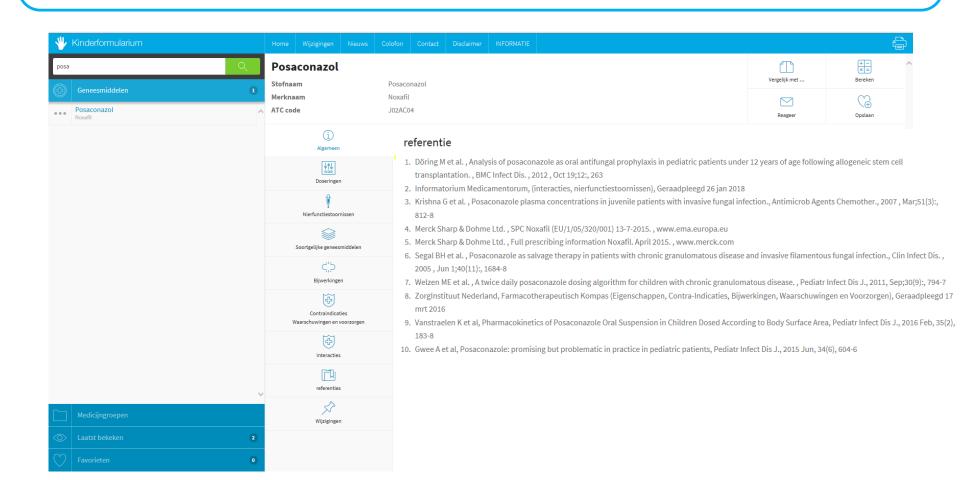
Assessment of paediatric medical needs through the Dutch Paediatric Formulary -



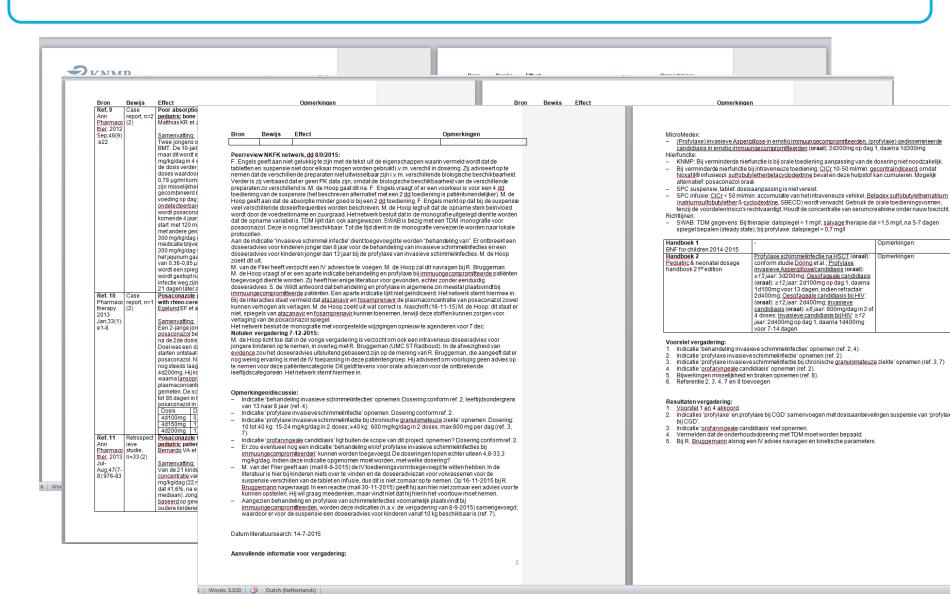
Tjitske van der Zanden

Managing director Dutch Paediatric Formulary, PhD candidate

Setting the scene



Behind the scenes:



How a drug monograph is created

Review of literature

Summarizing literature in draft monograph and risk analysis

Review by editorial board (multidisciplinary expert network: Pediatric specialists, general practioners, clinical pharmacologists, pharmacists)

Reporting decisons of editorial board

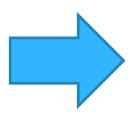
(Adaption of monograph if indicated)

Publishing monograph

Maintenance of monograph

Which ongoing initiatives to identify paediatric medical needs are you working on or aware of?

- Dutch paediatric formulary has reviewed and documented original literature for 300 most frequently used drugs in children:
 - Drugs not (completely) licensed for use in children (off-label)
 - 'Old' drugs rather than recently licensed drugs
 - Dosing recommendations for all clinically relevant age-groups and indications
 - Practice based evidence (consensus) complements limited scientific evidence



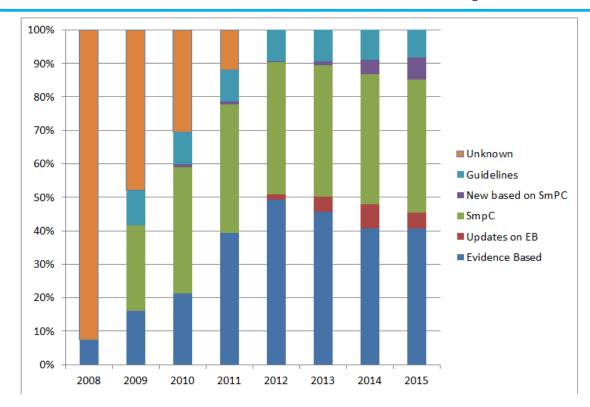
Dutch Paediatric Formulary represents <u>clinical medical needs</u> for dosing recommendations.

Which criteria and methodology would you suggest to prioritise diseases/conditions of unmet paediatric needs?

- Medical need combined with low level of evidence for dosing recommendation indicates areas of interest for research (paediatric research needs)
- Level of evidence (lack on knowlegde/research gaps)
 can be extrapolated from structured formulary database
 and background documentation, but takes effort
 - Drugs/Routes of administration and formulations/Ages/ Indications
- Pilot with regulator and Dutch Paediatric Formulary to develop method

Extra slides.....

Evidence base for paediatric dosing



Van der Zanden 2017

- SmPC: ~40%
- Original literature: ~50%
- Guidelines: ~10%

