

E-Supplement 1: Contents of a drug monograph

Dosing recommendations

The formulary publishes knowledge based dosing recommendations for different indications, routes of administration and specified age groups, including (premature) neonates. The dosing recommendations are individually referenced.

Adverse drug reactions, contraindications, warnings & precautions

Since information on specific side adverse drug reactions, contraindications, warnings and precautions in children was very limited, the board saw fit to include general information on these topics from adult populations, as well as available age-developmental specific pediatric details based on published data. The adult information was copied with permission from the *Farmacotherapeutisch Kompas*, a Dutch handbook on drug use, which is a compilation of the SmPCs [1].

Drug-drug interactions

Information on interactions with other drugs was adopted with permission from the *Informatorium Medicamentorum*, the Dutch Drug Handbook for Pharmacists[2]. In this handbook interactions are independently reviewed and categorized as being relevant for therapeutic care or not.

Licensing information

To make prescribers aware of off-label drug use, the licensing status of the drug was included. Furthermore, the actual dosing recommendations of our handbook were compared with the licensing information in the SmPC and labelled *off-label*, *on-label* or *unlicensed*[3].

Available formulations and strengths

Available formulations and strengths are listed, as well as specifics on excipients, which may cause toxicity, if available. This will help users of the dosage handbook to select the best formulation available for the individual patients.

Pharmacokinetic data in children

Available data on pharmacokinetic parameters in children are listed.

Dose adjustment in renal failure

Recommendations for dose adjustment in children with impaired renal function are incorporated where available.

References

Users of the dosage handbook should be able to retrieve, judge and compare the evidence used. Therefore the reference section lists the scientific documentation used to compile each drug monograph.

References

1. *ZorgInstituut Nederland, Farmacotherapeutisch Kompas 2015. 2015, Amstelveen.*
2. *Koninklijke Nederlandsche Maatschappij ter bevordering der Pharmacie (KNMP), Informatorium Medicamentorum. 2015, Den Haag.*
3. *College ter Beoordeling van Geneesmiddelen, Geneesmiddeleninformatiebank. 2015.*