

A decision support tool for warfarin prescribing

Anna-Karin Hamberg, Jacob Hellman, Jonny Dahlberg, E Niclas Jonsson and Mia Wadelius (2015)

A Bayesian decision support tool for efficient dose individualization of warfarin in adults and children

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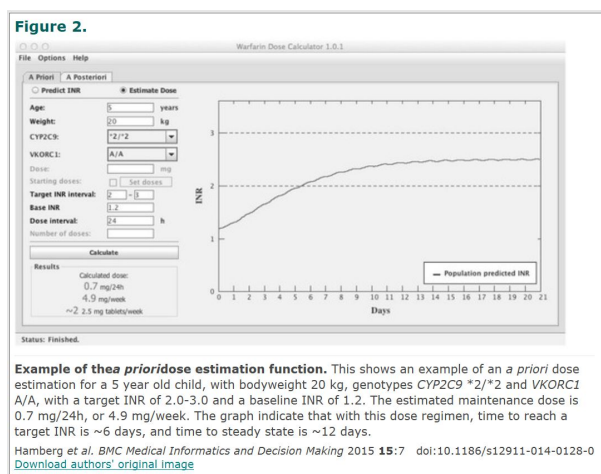
<http://www.biomedcentral.com/1472-6947/15/7>

Based on population based Pharmacokinetic-pharmacodynamic (PK/PD) model of warfarin. The tool is developed in Java.

“.. user enters information on body weight, age, baseline and target INR, and optionally CYP2C9 and VKORC1 genotype. By adding information about previous doses and INR observations, the tool will suggest a new dose a posteriori through Bayesian forecasting”.

The tool predicts doses per day/week and the predicted INR curve.

Here an image of what the tools looks like, from the paper:



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