

NVKFB

Anne-Grete Märtsone

Klinisch farmacoloog in opleiding, apotheker, onderzoeker

UMCG



rijksuniversiteit
groningen



umcg

KFF Laboratorium

UHPLC-MS/MS (5) 50-60000 per jaar

UHPLC-MS

Gaschromatografie

Immune assay

ICP-MS

ICP-MS-MS (quadrupole ICP-MS)

Dried blood spot

Saliva

~200 medicaties

~130 LC-MS/MS

Journal of
Applied Bioanalysis



<http://dx.doi.org/10.17145/jab.18.022>

RESEARCH ARTICLE

Determination of Ganciclovir and Acyclovir in Human Serum using Liquid Chromatography-Tandem Mass Spectrometry

Anne-Grete Märtsøn¹, Kai van Hateren¹, Gerben van den Bosch¹, Tjip van der Werf^{2,3}, Daan Touw¹, Jan-Willem C Alffenaar^{1,*}

EdSim
MWPharm++
NONMEM
Pmetrics

In house software kennis PK/PD onderzoek



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PHARMACOLOGY

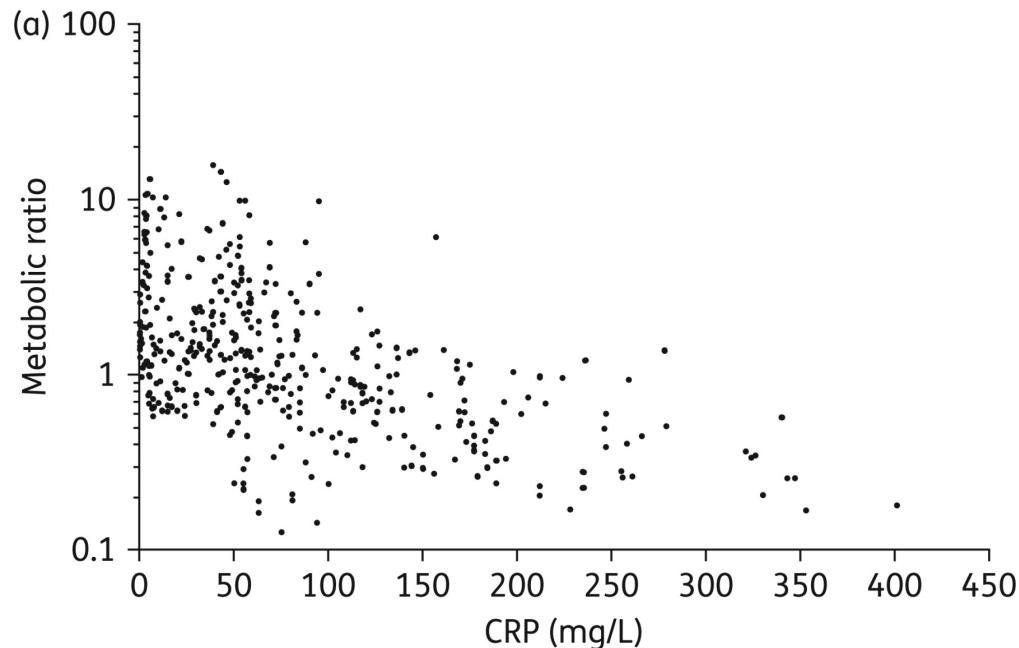


Caspofungin Weight-Based Dosing Supported by a Population Pharmacokinetic Model in Critically Ill Patients

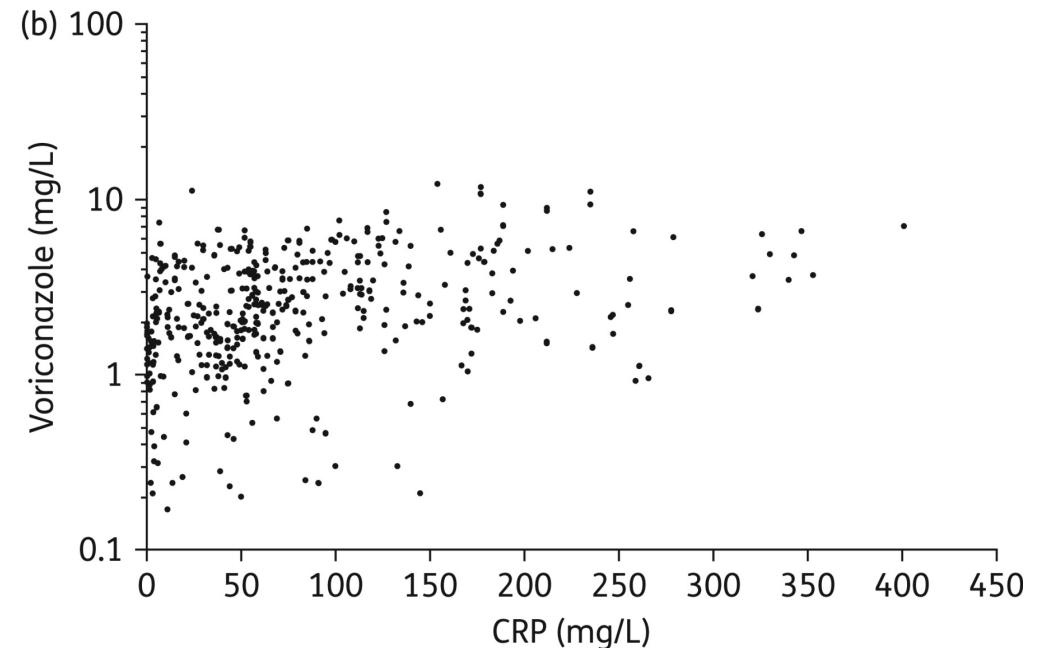
Anne-Grete Märtsøn,^a Kim C. M. van der Elst,^b Anette Veringa,^a Jan G. Zijlstra,^c Albertus Beishuizen,^d Tjip S. van der Werf,^{e,f} Jos G. W. Kosterink,^{a,g} Michael Neely,^h Jan-Willem Alffenaar^{a,i,j,k}

Voriconazole metabolism is influenced by severe inflammation: a prospective study

Annette Verenga¹, Mendy ter Avest¹, Lambert F. R. Span², Edwin R. van den Heuvel³, Daan J. Touw¹, Jan G. Zijlstra⁴,
Jos G. W. Kosterink^{1,5}, Tjip S. van der Werf^{6,7} and Jan-Willem C. Alffenaar^{1*}



Studie van klinische praktijk (1)



Studie van klinische praktijk (2)

Ganciclovir Therapeutic Drug Monitoring A Case Series

Märtson, Anne-Grete, MSc¹; Touw, Daan, PhD¹; Damman, Kevin, MD²; Bakker, Martijn, MD³; Lansink-Hartgring, Annemiek Oude, MD⁴; van der Werf, Tjip, PhD^{5,6}; Knoester, Marjolein, PhD⁷; Alffenaar, Jan-Willem C, PhD*

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Grand Rounds: PDF Only