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## Hospitalized Patients With and Without Hemodialysis Have Markedly Different Vancomycin Pharmacokinetics: A Population Pharmacokinetic Model-Based Analysis

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Therapeutic Drug Monitoring, 2018, 40, 212-221.

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#	Paper	IF	Citations
37	Review and Validation of Bayesian Dose-Optimizing Software and Equations for Calculation of the Vancomycin Area Under the Curve in Critically Ill Patients. <i>Pharmacotherapy</i> , <b>2018</b> , 38, 1174-1183	5.8	60
36	Towards precision dosing of vancomycin: a systematic evaluation of pharmacometric models for Bayesian forecasting. <i>Clinical Microbiology and Infection</i> , <b>2019</b> , 25, 1286.e1-1286.e7	9.5	50
35	Critique of Vancomycin Dose-Optimizing Software Review. <i>Pharmacotherapy</i> , <b>2019</b> , 39, 619	5.8	1
34	Hospitalized Patients With and Without Hemodialysis Have Markedly Different Vancomycin Pharmacokinetics: A Population Pharmacokinetic Model-Based Analysis: Erratum. <i>Therapeutic Drug Monitoring</i> , <b>2019</b> , 41, 549	3.2	
33	Development and comparison of population pharmacokinetic models of vancomycin in neurosurgical patients based on two different renal function markers. <i>Journal of Clinical Pharmacy and Therapeutics</i> , <b>2020</b> , 45, 88-96	2.2	2
32	Assessing the accuracy of two Bayesian forecasting programs in estimating vancomycin drug exposure. <i>Journal of Antimicrobial Chemotherapy</i> , <b>2020</b> , 75, 3293-3302	5.1	8
31	An Update on Population Pharmacokinetic Analyses of Vancomycin, Part I: In Adults. <i>Clinical Pharmacokinetics</i> , <b>2020</b> , 59, 671-698	6.2	14
30	Vancomycin nomograms in children admitted to an intensive care unit. <i>Drugs and Therapy Perspectives</i> , <b>2020</b> , 36, 166-172	1.5	0
29	Towards precision dosing of vancomycin in critically ill patients: an evaluation of the predictive performance of pharmacometric models in ICU patients. <i>Clinical Microbiology and Infection</i> , <b>2020</b> ,	9.5	11
28	A Model Averaging/Selection Approach Improves the Predictive Performance of Model-Informed Precision Dosing: Vancomycin as a Case Study. <i>Clinical Pharmacology and Therapeutics</i> , <b>2021</b> , 109, 175-183	6.1	12
27	Population pharmacokinetic modeling and clinical application of vancomycin in Chinese patients hospitalized in intensive care units. <i>Scientific Reports</i> , <b>2021</b> , 11, 2670	4.9	2
26	Use of Age-Adjusted Serum Creatinine in a Vancomycin Pharmacokinetic Model Decreases Predictive Performance in Elderly Patients. <i>Therapeutic Drug Monitoring</i> , <b>2021</b> , 43, 139-140	3.2	2
25	Accuracy of documented administration times for intravenous antimicrobial drugs and impact on dosing decisions. <i>British Journal of Clinical Pharmacology</i> , <b>2021</b> , 87, 4273-4282	3.8	4
24	Predictive Performance of Bayesian Vancomycin Monitoring in the Critically Ill. <i>Critical Care Medicine</i> , <b>2021</b> , 49, e952-e960	1.4	3
23	Comparison of area under the curve for vancomycin from one- and two-compartment models using sparse data. <i>European Journal of Hospital Pharmacy</i> , <b>2021</b> ,	1.6	
22	A hybrid machine learning/pharmacokinetic approach outperforms maximum a posteriori Bayesian estimation by selectively flattening model priors. <i>CPT: Pharmacometrics and Systems Pharmacology</i> , <b>2021</b> , 10, 1150-1160	4.5	3
21	Establishment and application of population pharmacokinetics model of vancomycin in infants with meningitis. <i>Pediatrics and Neonatology</i> , <b>2021</b> ,	1.8	1

20	New Ways to Skin a Cat or Still a Cat Chasing Its Tail? Bayesian Vancomycin Monitoring in the ICU. <i>Critical Care Medicine</i> , <b>2021</b> , 49, 1844-1847	1.4	
19	Population pharmacokinetics of cefotaxime in intensive care patients. <i>European Journal of Clinical Pharmacology</i> , <b>2021</b> , 1	2.8	0
18	Do Vancomycin Pharmacokinetics Differ Between Obese and Non-obese Patients? Comparison of a General-Purpose and Four Obesity-Specific Pharmacokinetic Models. <i>Therapeutic Drug Monitoring</i> , <b>2021</b> , 43, 126-130	3.2	2
17	Population Pharmacokinetic Modeling of Vancomycin in Thai Patients With Heterogeneous and Unstable Renal Function. <i>Therapeutic Drug Monitoring</i> , <b>2020</b> , 42, 856-865	3.2	0
16	Dose Tailoring of Vancomycin Through Population Pharmacokinetic Modeling Among Surgical Patients in Pakistan. <i>Frontiers in Pharmacology</i> , <b>2021</b> , 12, 721819	5.6	
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13	Comparison of Bayesian-derived and first-order analytic equations for calculation of vancomycin area under the curve.. <i>Pharmacotherapy</i> , <b>2022</b> ,	5.8	3
12	Clinical Practice Guidelines for Therapeutic Drug Monitoring of Vancomycin in the Framework of Model-Informed Precision Dosing: A Consensus Review by the Japanese Society of Chemotherapy and the Japanese Society of Therapeutic Drug Monitoring.. <i>Pharmaceutics</i> , <b>2022</b> , 14,	6.4	10
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7	Systematic Comparison of Hospital-Wide Standard and Model-Based Therapeutic Drug Monitoring of Vancomycin in Adults. <i>Pharmaceutics</i> , <b>2022</b> , 14, 1459	6.4	0
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5	Discrepancies Between Bayesian Vancomycin Models Can Affect Clinical Decisions in the Critically Ill. <b>2022</b> , 2022, 1-7		0
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- 2 Population Pharmacokinetics of Vancomycin in Patients Receiving Hemodialysis in a Malian and a French Center and Simulation of the Optimal Loading Dose. **2023**, Publish Ahead of Print,
- 1 Norvancomycin plasma concentration monitoring in hemodialysis patients with end stage kidney disease: A retrospective cohort study.