

pharmacometrics Simulation with NONMEM Model

developing a “Drug Simulation Model for Pharmacodynamic –Pharmacokinetic Interaction”. This interaction is defined as a Pharmacometrics Systems Biology Model simulation. This project is running at children’s cancer Hospital Egypt C CHE 57357. The simulation Model is built using MATLAB Sim-Biology® software application and R programming language built-in R studios® software. The project is aiming to build a simulation using mathematical differential equations and pharmacokinetic equations modelling for a Drug to estimate or predict the effective dosing in cancer pediatric patients.

Summary

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