

**Table S3 Demographic information of simulated patients**

	median	min	max
Adults			
Age (years)	60	30	80
Body weight (kg)	70	40	100
Lean body weight (kg)	50	30	70
Body surface area (m <sup>2</sup> )	1.7	1.4	2.0
Body mass index (kg/m <sup>2</sup> )	24	18	30
Gender	Male		
Serum creatinine (mg/dL)	1	0.3	2
Creatinine clearance (mL/min)	80	15	120
Creatinine clearance calculated using lean body weight (mL/min)	60	10	90
Estimated glomerular filtration rate (mL/min)	80	15	120
Blood urea nitrogen (mg/dL)	16	10	40
Hematocrit (%)	40	30	50
Albumin (g/dL)	4	2	6
Hemoglobin (g/dL)	14	8	20
Alanine aminotransferase (U/L)	22	5	40
Total bilirubin (μmol/L)	14	5	50
transformed Child-Turcotte-Pugh Score	5.7	5	8
Total cholesterol (mmol/L)	4	2	8
ABC expression	1.25	0.2	1.6
<i>ABCB1</i> rs4728709	GG		
<i>ABCB1</i> rs1045642	TT		
CYP3A4 inhibitor/CYP3A4 inducers/P-gp inhibitors	No		
Children			
Body weight (kg)	30	10	50
Formula	Tablet		