

Report from JavaPK for Desktop

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Digoxin

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Patient's Data :

Gender : Female

Age = 75 yr

Bw = 60 kg

Scr = 1.5 mg/dL

Dose = 0.25 mg

Tau = 24 hr

Css = 1.16 ng/ml

Explanation :

Bw = body weight

Scr = serum creatinine conc.

Dose = dose for each dosing interval

Tau = dosing interval

Css = steady-state conc.

PK parameters :

Cl/F= 0.1320 L/hr/kg

Final SS = 0.0132

Css-pr = 1.3151 ng/ml

Explanation :

Cl/F = clearance/bioavailability

Final SS = final sum of square

Css-pr = predicted steady-state conc.

Dosage Adjustment(D->C) :

Dose = 0.2 mg

Tau = 24 hr

Css = 1.05 ng/ml

Explanation :

Dose = desired/predicted dose

Tau = desired dosing interval

Css = predicted/desired steady-state conc.

Comment :