

$t_{1/2}$ kel ChCl

$$4.82 \cdot 0.144 = 10$$

$$3.52 \cdot 0.197 = 50$$

$$2.39 \cdot 0.290 = 120$$

Female

66.1 kg

~~male~~

65.4"

40 yrs

Sex

0.64 mg/dL

$$IBW = 45.5 + 2.3 \times (65.4 - 60) \\ = 57.9$$

$$ChCl = \frac{(140 - 40) \times 57.9}{0.64 \times 72} \times 0.85$$

$$= 126 \text{ mL/min}$$

$$125.7 \text{ mL/min} \rightarrow 106.8 \text{ mL/min}$$

$$kel = \cancel{0.3} \text{ hr}^{-1}$$

$$0.274 \text{ hr}^{-1}$$

$$t = 24$$

$$V = 1357 \text{ mL}$$

$$C_0 = 122.83 \text{ mL/dL}$$

$$S_{cr} = 1.49 \text{ mL/dL}$$

$$C_{cr} = \frac{1357 \times 122.83 \text{ mL} \text{ mL/dL}}{1.49 \text{ mL} \times 24 \times 60 \text{ min} \text{ mL/dL}} \text{ (min)}$$
$$= 77.7 \text{ mL/min.}$$

$$\cancel{k_{el}} \quad k_{el} = 0.093 + 77.7 \times 0.004392$$

$$= 0.434 \text{ hr}^{-1}$$

