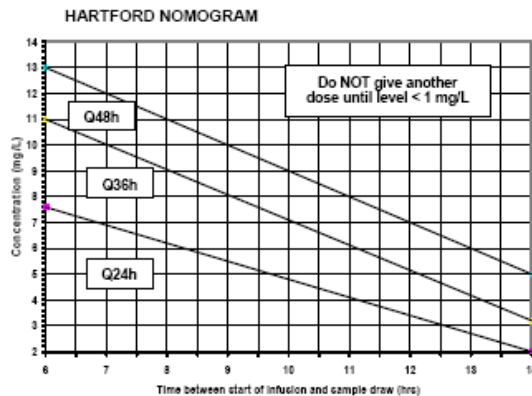
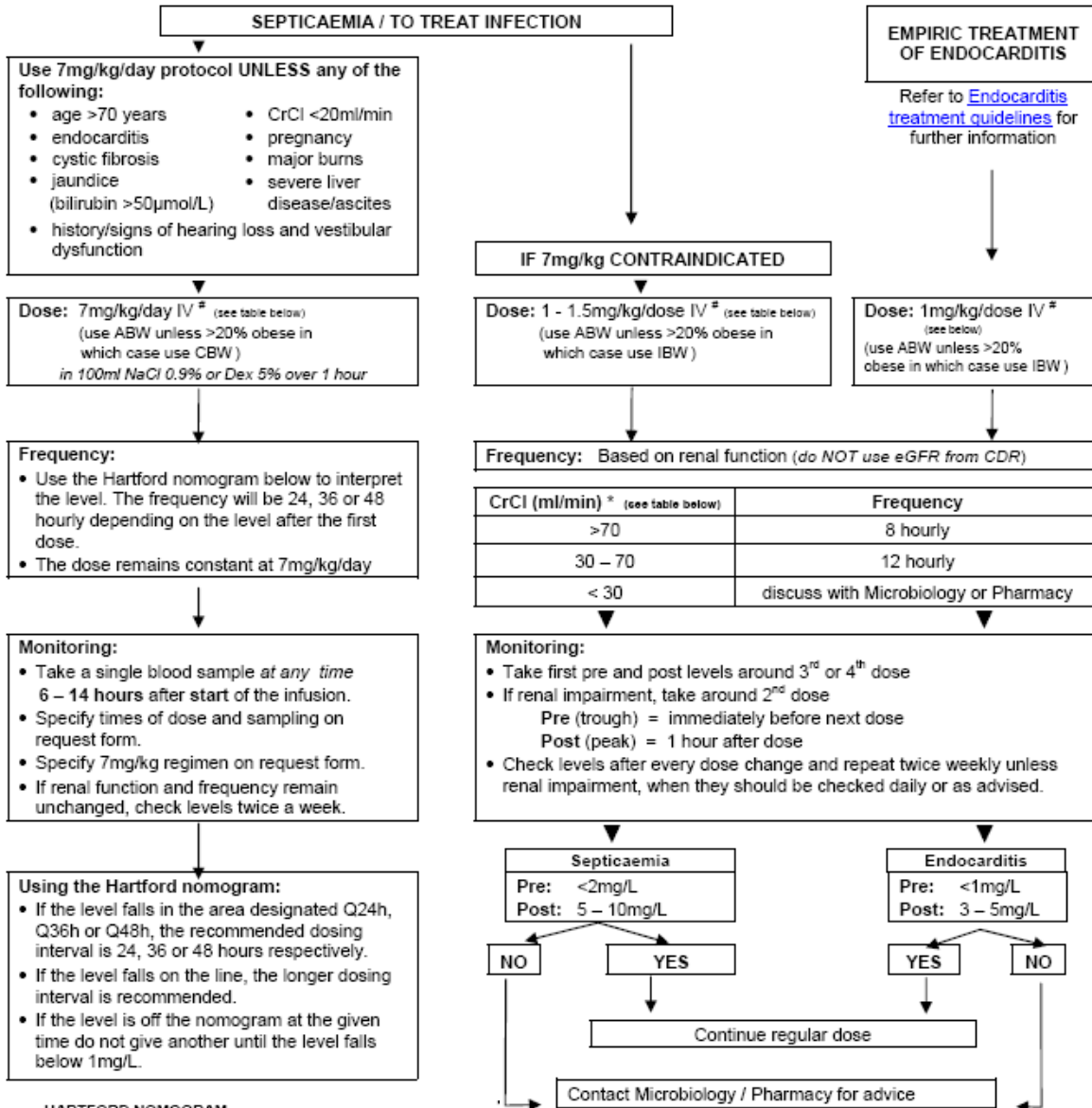


Gentamicin Dosing Guidelines (Adults)



*** WEIGHT CALCULATIONS FOR GENTAMICIN DOSING:**

Get actual body weight (ABW) in kg
Calculate ideal body weight (IBW) in kg

$$IBW = x \text{ kg} + (2.3 \times \text{every inch over 5ft}) \quad \text{where } x = 50 \text{ kg (male)} \\ 45.5 \text{ kg (female)}$$

For 7mg/kg dosing, use corrected body weight (CBW) in obese patients:
 $CBW \text{ (kg)} = IBW + 0.4 (ABW - IBW)$

*** ESTIMATING CREATININE CLEARANCE (CrCl):**

$$CrCl \text{ (ml/min)} = \frac{(140 - \text{age}) \times IBW \text{ (kg)} \times F}{\text{serum creatinine } (\mu\text{mol/L})} \quad \text{where } F = 1.23 \text{ (male)} \\ 1.04 \text{ (female)}$$