Adequacy of 24 hour urine specimen

Amount of creatinine in the specimen

Urine Cr mg/dl **Or** Urine Cr mg/day

IF in mg/dl:

1) Find urine volume (usually in ml)

2) Calculate urine volume in dl (divide by 100)

3) Multiply urine volume in dl by the Cr in mg/dl

4) Get weight of patient in kg

5) $\frac{\text{Amount of Cr}}{\text{Wt in kg}}$

Example:

Urine Cr = 164 mg/dl Urine volume = 1400 ml 97.7 kg

1) 1400 ml

2) 14

3) 164 x 14 = 2296 mg

4) 97.7 kg

5) $\frac{2296}{97.7}$ = 23.5 mg /kg

Adequate Collections: Females 15-20 mg/kg

Males 20-25 mg/kg