

## Antineoplastic Therapy Formulas

### Metric to English Conversions

$$1 \text{ kg} = 2.2 \text{ lbs}$$

$$1 \text{ inch} = 2.54 \text{ centimeters}$$

### BSA

$$\text{BSA (m}^2\text{)} = \text{metric units} \sqrt{\frac{\text{height (cm)} \times \text{weight (Kg)}}{3600}}$$

$$\text{BSA (m}^2\text{)} = \text{English units} \sqrt{\frac{\text{(inches)} \times \text{weight (lbs)}}{3131}}$$

### ANC

$$\text{ANC} = (\% \text{ neutrophils} + \% \text{ bands}) \times \text{total WBC}/100$$

### Creatinine Clearance Formula

$$\frac{(140 - \text{age}) \times \text{Weight in Kilograms}}{72 \times \text{Serum Creatinine}} = \text{CrCl males}$$

$$\left( \frac{(140 - \text{age}) \times \text{Weight in Kilograms}}{72 \times \text{Serum Creatinine}} \right) \times 0.85 = \text{CrCl females}$$

### Calvert Formula

$$\text{Dose in mg} = \text{AUC} \times (\text{CrCl} + 25)$$

