

$$\text{\$TPG} = \text{mPAP} - \text{PCWP}\text{\$}$$

$$\text{\$SVR} = \frac{\text{MAP} - \text{CVP}}{\text{CO}} \cdot 80\text{\$}$$

$$\text{\$CO} = \text{LVOT}_{\text{\{area\}}} \cdot \text{LVOT}_{\text{\{VTI\}}} \cdot \text{HR}\text{\$}$$

Swan-Ganz Equations

$$\text{\$CO} = \frac{\text{VO}_{\text{\{2\}}}}{\text{C}_a - \text{C}_v}\text{\$, where } \text{\$C}_v = \text{ScvO}_2\text{\$ (mixed venous oxygen content)}$$

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