

# Versed Protocol

Standard Concentration: 1mg/ml  
Stable for at least 10 days.

Dosing: (Sedation in critical care setting)

10-50mcg/kg bolus to initiate sedation (given slowly or infused over several minutes). Repeat dose every 10-15 minutes until adequate sedation is achieved. Then, initiate infusion at 20-100mcg/kg/hr. (start at the lower end of the dosage range for patients with residual effects from anesthetic drugs) Adjustments should be made in increments of 25-50%. Rate should be decreased by 10-25% every few hours to determine the minimum effective dose.

Calculations:

$\text{Mcg/kg} \times \text{weight in kg} \div 1000 = \text{ml from drip or mg}$

$\text{Mcg/kg/hour} \times \text{weight in kg} \div 1000 = \text{ml/hr}$

To increase rate by 25%:  $\text{current rate} \times 1.25 = \text{new rate}$ . To increase rate by 50%:  $\text{current rate} \times 1.50 = \text{new rate}$ . Etc. (If the new rate is not higher than the old rate, you made a math error)

To decrease rate by 10%:  $1 - 0.10 = 0.9 \times \text{current rate} = \text{new rate}$ . To decrease rate by 25%:  $1 - 0.25 = 0.75 \times \text{current rate} = \text{new rate}$ . Etc. (If the new rate is not lower than the old rate, you made a math error)

If there is any confusion about how to calculate the rate, call the pharmacy.