

## **Glucose:**

Change D50 to D25- 1 part D50 to 1 part sterile water

Change D50 to D12.5- 1 part D50 to 3 parts sterile water

Change D50 to D10- 1 part D50 to 4 parts sterile water

Example: MD orders: 1gm/kg glucose with D25

Patient's weight is 5kg

You need 5gm of glucose

$D25 = 25g/100ml = 1gm/4ml = 5gm/20ml$

Mix 10ml of D50 to 10ml of sterile water = 20ml D25

Give slowly-Peripheral vein sclerosis

Occurs with concentrated Dextrose  $\geq$  (D25)