MED	
IV fluids	
Dextrose solutions	

Dextrose solutions are for giving water and a bit of nutrition

Primary use: hypernatremia and hypoglycemia

Secondary use: maintenance of fluids

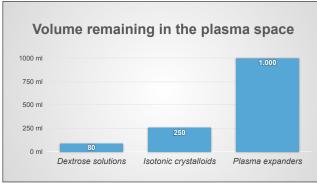


aintenance of fluids	





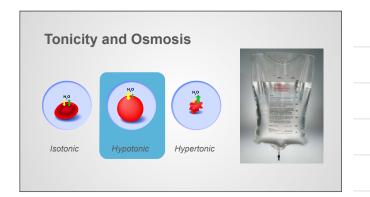














How sweet is D5W?



• D5W is 5% glucose: 5 grams of glucose per 100 mL







Why is D5W so sweet?	TO AND
D5W has a glucose concentration of 5,000 mg/c	dL. Why?
To convert 5,000 mg/dL to units of osmolality div molecular weight and multiply by 10.	vide by the
5,000 mg/dL / 180 mg/mmol x 10 dL/L	= 277 mmol/L
Normal osmolality is 275-2	295

