INTRAVENOUS FLUIDS Cheat Sheet

by harpieee via cheatography.com/71374/cs/18443/

ISOTONIC

INDICATION:	CHARACTERISTICS:	SOLUTIONS:
Treatment of vascular system fluid deficit	Concentration equal to plasma	Normal saline (0.9% NS)
	Prevent fluid shift between compartments	Lactated Ringer's (LR)
		5% dextrose in water (D5W)

HYPOTONIC

INDICATION:	CHARACTER-ISTICS:	SOLUTIONS:
Treatment of intrac-ellular dehydration	Lower osmolality than the ECF	0.45% normal saline (0.45% NS)
	Shift fluid from ECF to ICF	2.5% dextrose in 0.45% saline (D2.5 45% NS)

HYPERTONIC

INDICATION:	CHARAC-TERISTICS:	SOLUTIONS:
Used only when serum osmolality is critically low	Osmolality higher than the ECF	10% dextrose in water (D10W)
	Shift fluid from ICF to ECF	50% dextrose in water (D50W)
		5% dextrose in 0.9% saline (D5NS)
		5% dextrose in 0.45% saline (D5W in 0.45% NaCl)
		5% dextrose in Lactated Ringer's (D5LR)

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