

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) |

| 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) |

| 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) |
| | <u> </u> | • |



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