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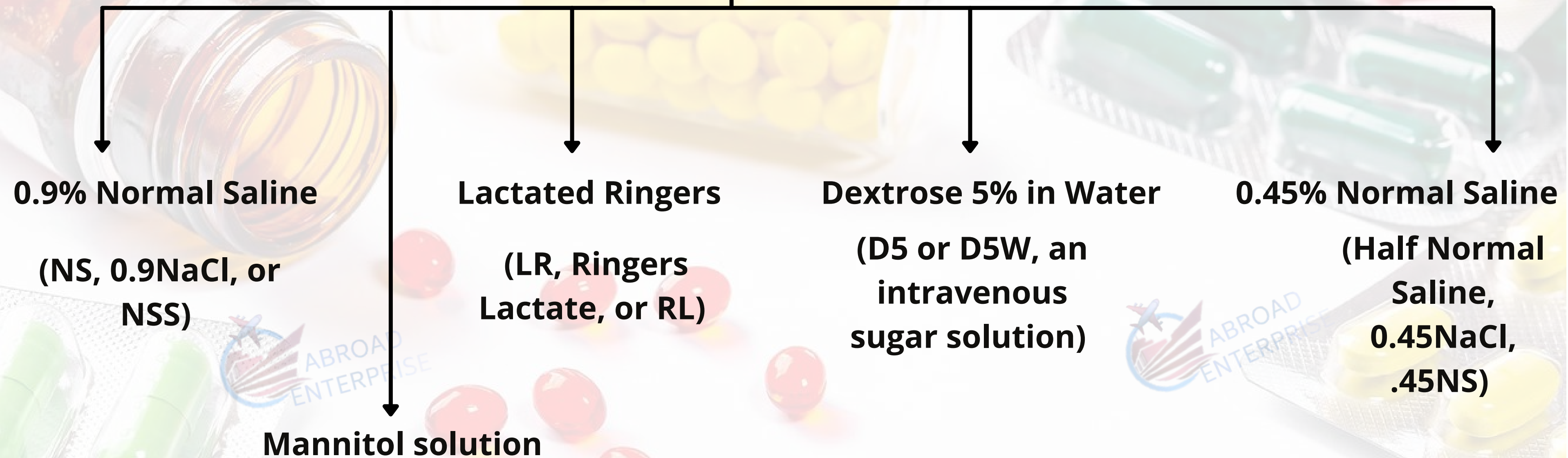


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# Types of IV fluids



# → 0.9% Normal Saline (NS, 0.9NaCl, or NSS)



# Lactated Ringers

(LR, Ringers Lactate, or RL)

Composition	Concentration (mg/L)
NaCl	6
KCl	0.42
CaCl <sub>2</sub> ·2H <sub>2</sub> O	0.24
NaC <sub>5</sub> H <sub>5</sub> O <sub>3</sub>	3.1
pH	7.3-7.4

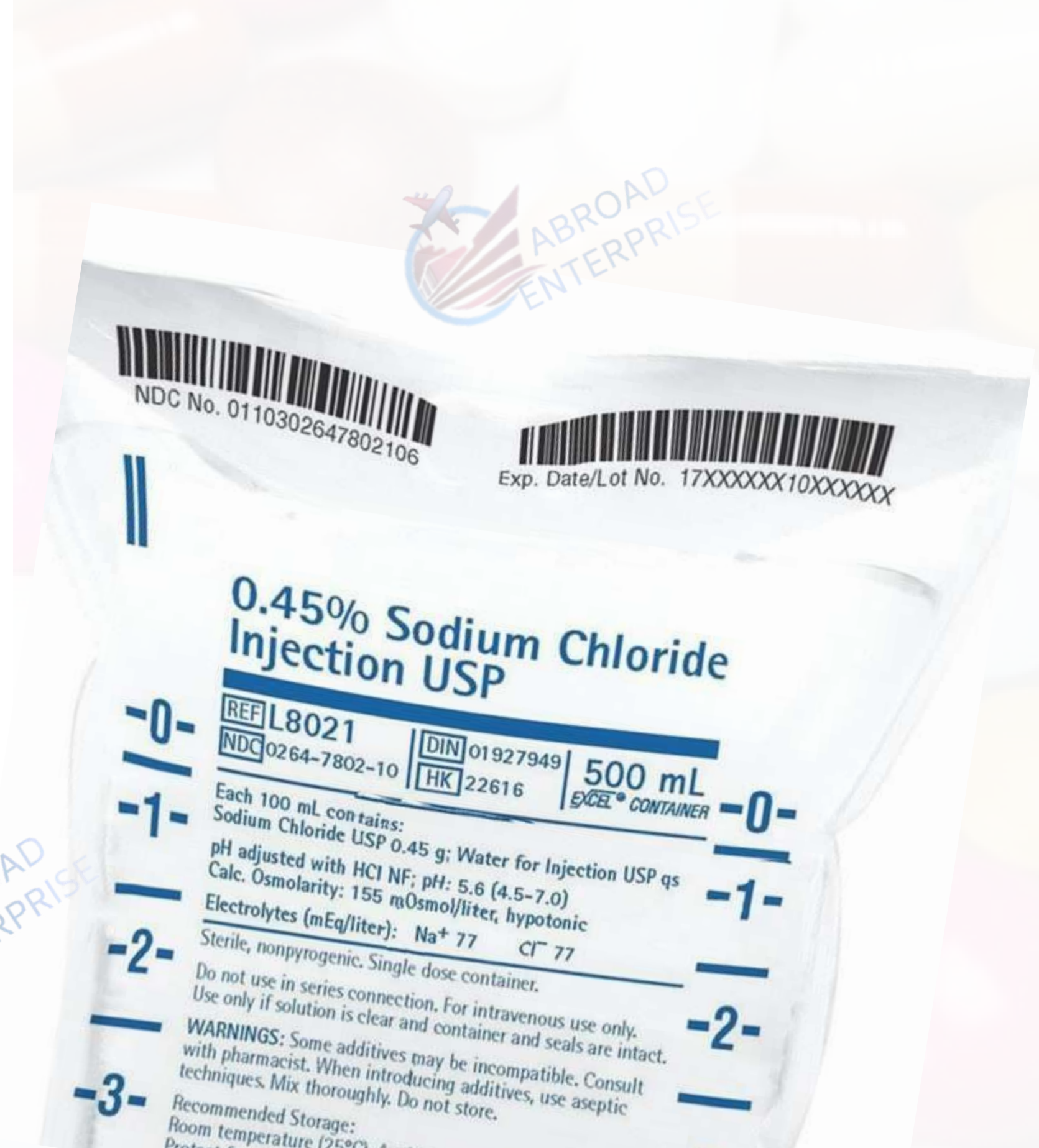


→ **Dextrose 5% in Water**  
**(D5 or D5W, an intravenous sugar solution)**



# → 0.45% Normal Saline

(Half Normal Saline, 0.45NaCl, .45NS)



# Mannitol solution

