

Preparation of 3% sodium chloride using 30% sodium chloride

Hypertonic 3% sodium chloride is no longer available & so 30% sodium chloride vials must be used to produce a 3% solution.

Volume of 30% sodium chloride (ml)	Volume of 0.9% sodium chloride (ml)	Final volume of 3% NaCl (ml)
7.2	92.8	100
14.4	185.6	200
18	232	250
21.6	278.2	300
28.8	371.2	400
36	464	500

e.g. to produce **250ml of 3% sodium chloride** remove 18mls from a 250ml bag of 0.9% sodium chloride & discard. Then add 18mls of 30% sodium chloride to the remaining 232mls in the bag.

Final concentration = 2.995%