

MAGNESIUM SULPHATE for Hypomagnesaemia

NOTE - DOSAGE CHANGES (Dec 2006)

ACTION and USES

Magnesium sulphate is used to correct hypomagnesaemia (mg <0.7mmol/L) or in the management of severe persistent pulmonary hypertension of the newborn (PPHN).

DOSAGE

IV 100mg/kg. Repeat after 12 hours if required for 2-3 doses

ADMINISTRATION

By short infusion over 30 min.

RECONSTITUTION

Magnesium sulphate is available as a solution containing 500mg/ml (50%) in a 2ml ampoule. Reconstitution is not necessary but it must be diluted for intravenous administration.

Magnesium sulphate 50mg/ml

Add 1ml magnesium sulphate 50% to 9ml glucose 5% and shake well to mix.

OTHER COMPATIBLE DILUENT

Sodium chloride 0.9%

glucose 10% (no stability data).

INCOMPATIBILITIES

Do not mix or infuse with alkaline drugs, sodium bicarbonate or sodium phosphate.

STORAGE

Discard opened ampoules immediately after use. Diluted solutions are stable for 24 hours at room temperature.

MONITORING

Monitor blood pressure as hypotension may occur if administered too rapidly. Monitor serum electrolytes. It may enhance the effects of neuromuscular blocking agent or central nervous system depressants.