Guidelines for Use of Hydrochlorothiazide

Recommended Neonatal Dose, Route, and Interval

- PO: 1-2 mg/kg/dose every 12 hours
- Give oral dose with nearest feed (improves absorption).

Chief Indications

- Diuretic used in treating both mild to moderate edema and mild to moderate hypertension
- Effects increased when used in combination with spironolactone.
- May improve pulmonary function in patients with BPD

Possible Adverse Reactions

- Hypokalemia, hyperglycemia, hyperuricemia
- Photosensitivity

CONTRAINDICATIONS/PRECAUTIONS:

- Hypersensitivity to hydrochlorothiazide or other thiazides
- Anuria
- Does not use in patients with significant impairment of renal or hepatic function.

Nursing Implications

- Monitor serum electrolytes, calcium, phosphorus, blood glucose, urine output and blood pressure.
- Give oral dose with nearest feed.
- Onset of diuretic action: 1-2 hours; Maximum effect: within 3-6 hours

References:
1. Neofax 2010

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