

DAWA

Gripe Water

Composition

Each 5ml of the pleasantly flavoured liquid contains:

Sodium bicarbonate BP.....50mg

Terpenless Dill Seed oil.....2.15 mg

Pharmacology

Infant colic is common in the first few months of childhood and tends to be managed by nonpharmacological measures and assessment of the feeding technique.

Colic is a general term used to describe spasmodic or griping pain, usually of the viscera, and when not otherwise qualified is often understood to refer to pain in the gastrointestinal tract.

Dill seed oil, an aromatic carminative is a traditional remedy in infant colic.

It is thought to act by breaking down air bubbles taken in with suckled milk thereby relaxing and soothing cramped muscles.

Sodium Bicarbonate is an alkalizing agent which neutralizes excess acid characteristic with gripe.

Pharmacokinetics

Sodium bicarbonate neutralises gastric acid with the production of carbon dioxide.

Bicarbonate not involved in that reaction is absorbed and in the absence of a deficit of bicarbonate in the plasma, bicarbonate ions are excreted in the urine, which is rendered alkaline, and there is an accompanying diuresis.

Indication

Gripe water is indicated for the relief of gripe pain, excess acid, flatulence and indigestion in infants and children.

Dosage and Administration

The recommended dosage should be given during or after feeding as required up to a maximum of 8 times a day.

New born infant: Half 5 ml spoonful

1-6 months: One 5 ml spoonful

6 months to 2 years: Two 5 ml spoonfuls

Above 2 years: Two to three spoonfuls

Contraindications

Sodium bicarbonate should not be administered to patients with metabolic or respiratory alkalosis.

Excessive use of bicarbonate or bicarbonate-forming compounds may lead to hypokalaemia and metabolic alkalosis, especially in patients with impaired renal function.

Excessive doses of sodium salts may lead to sodium overloading and hyperosmolality.

Sodium Bicarbonate generates carbon dioxide which can cause rebound stomach cramps, belching, and flatulence.

Side Effects

Gripe water at the recommended doses is generally free from adverse reactions but excessive use can cause:

- Rebound stomach cramps, belching, and flatulence.
- Hypokalaemia and metabolic alkalosis
- Sodium overloading and hyperosmolality
- Sodium Bicarbonate may precipitate absence seizures mainly due to induction of alkalosis.

Distribution Category:

POM

Storage:

Gripe water should be stored below 30°C, in a dry and dark place.

Keep out of reach of children.

Presentation

100 ml and 60 ml bottles.

Manufactured By:



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