

# Colik<sup>®</sup>

Hyoscine butylbromide

## Description

**Colik<sup>®</sup>** is the preparation of hyoscine butylbromide which is an anticholinergic agent with antispasmodic action on the smooth muscle of the gastrointestinal, biliary and genitourinary tracts. It blocks the action of acetylcholine at post-ganglionic parasympathetic nerve endings and relaxes smooth muscles of the hollow organs of the abdominal and pelvic cavities.

## Indications

**Colik<sup>®</sup>** is indicated for symptomatic relief of the following conditions:

- Spasm of the gastrointestinal tract & genitourinary tract
- Spasmodic dysmenorrhea
- Irritable bowel syndrome
- Adjunctive therapy of peptic ulcer diseases

## Dosage and administration

### Oral

#### Adult and children above 12 years

- **For all indications (except irritable bowel syndrome):** The usual recommended dose is 20mg 4 times daily. In case of spasmodic dysmenorrheal treatment should be started two days before the menstruation and treatment should be continued till third day of menstruation.
- **For irritable bowel syndrome:** The usual recommended dose is 10mg 3 times daily, if required increased up to 20mg 4 times daily.

#### Child (6-12 years):

The usual recommended dose is 10mg 3 times daily.

**Parenteral (I/V and I/M injections):**

**Adult and children above 12 years:** 1 ampoule (20mg) may be administered by slow intravenous/intramuscular injection if necessary repeated the same dose after 30 minutes (may be repeated more frequently in endoscopy). The maximum daily dose of 100mg should not be exceeded.

**Infants and young children:** 0.3-0.6 mg/kg body weight may be administered by slow intravenous, intramuscular injection several times a day. The maximum daily dose of 1.2 mg/kg should not be exceeded.

**Pregnancy and Lactation**

There is no evidence of ill consequences during its use in pregnancy, although the drug should be avoided during the first trimester of pregnancy unless absolutely indicated. Safety during lactation has not been established, so it should not be used during lactation.

**Side effects**

Hyoscine butylbromide is well tolerated in the recommended doses. The usual side effects are dry mouth, visual accommodation disturbances, tachycardia, constipation and urinary retention.

**Contraindications**

Hyoscine butylbromide should not be administered to patients with myasthenia gravis, megacolon and narrow angle glaucoma, paralytic ileus, pyloric stenosis and prostatic enlargement.

**Precautions**

Caution should be exercised in conditions like tachycardia, pyrexia and narrow angle glaucoma.

## **Drug Interactions**

The effects may be enhanced by the administration of other anticholinergic drugs, example tricyclic antidepressants.

## **Overdosage**

Although there is no experience of acute overdosage with hyoscine. Overdose should be countered by reducing absorption (e.g., gastrolavage and charcoal followed by magnesium sulphate (15%).

## **Pharmaceutical precautions**

Store in a cool dry place. Protect from light.

## **Presentation**

**Colik<sup>®</sup> 10 mg:** A white, round, film coated tablet. Each tablet contains hyoscine butyl bromide BP 10mg.

**Colik<sup>®</sup> 20mg:** A white, round, film coated tablet. Each tablet contains hyoscine butylbromide BP 20mg.

**Colik<sup>®</sup> 20mg (I/V & I/M injection):** Clear, colorless, non-pyrogenic solution with pH 4.5 to 7.5 in 1 ml ampoule. Each ml ampoule contains hyoscine butylbromide BP 20mg.

## **Package Quantities**

**Colik<sup>®</sup> 10 mg Tablets:** Carton of 100 tablets in blister.

**Colik<sup>®</sup> 20 mg Tablets:** Carton of 100 tablets in blister

**Colik<sup>®</sup> injection:** Each box contains 5's ampoule.

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