HYOSCINE- N-butyrlbromide  Scopolamine N butylbromide

**Trade name(s)**  BUSCOPAN®

**Classification**  ANTISPASMODIC  ANTICHOLINERGIC

**Indication(s)**  Gastrointestinal, biliary or renal spasm; diagnostic aid in radiology.

**Presentation**  20mg in 1mL, ampoule.

**Storage**  Store below 25°C. Protect from light.

**Reconstitution**  Not required.

**Stability**  Discard any unused solution.

**Compatible Fluid(s)**  
NS; G5W

**Incompatible Drug(s)**  prochlorperazine

**Administration (Mode)**
IVI: BOLUS or CONTINUOUS INFUSION
IMI
SCI

**Intravenous Concentration**
Bolus: Undiluted or dilute the dose with NS to 10mL.
Continuous Infusion: Dilute the required dose in 50 to 100mL.

**Intravenous Rate**
Bolus: Slow injection over 1 to 2 minutes.
Continuous Infusion: 5 to 10mg per hour.

**Manner of Administration and Dosage Guide**

**Adult and Adolescents >12 years**: 20 to 40mg IMI or slow IVI. This may be repeated after 30 minutes if necessary. Maximum daily dose of 100 mg should not be exceeded.

**Infants and Children**: In severe case, 0.3-0.6 mg/kg body weight, to be administered by slow IV, IM or SC injection several times daily. The maximum daily dose of 1.5 mg/kg body weight should not be exceeded.²

**Adverse Effect(s)**
Dry mouth, blurred vision, tachycardia

**Precaution(s)**
Check for hypersensitivity to hyoscine before administration. Parenteral administration is contraindicated in glaucoma, stenotic lesions of the gastrointestinal tract, prostatic hypertrophy with urinary retention, tachycardia and megacolon.
Additional Information
For IMI: Undiluted. Avoid intravascular injection. Deep IMI into a large muscle mass (upper outer quadrant of the buttock or lateral part of the thigh). Before injecting the dose, aspirate to be sure that the needle is not in a blood vessel. If blood appears, withdraw and inject in another site. Vary the site of injection with repeated doses.
Hyoscine- N-butylbromide does not readily cross the blood brain barrier, so central effects are rare.
Hdx: No  Pdx: No data. Sodium: Negligible. Displacement: -

Reference(s)
2. MIMs Annual Thailand 2001