Fantagesic

Fentanyl Citrate

Compositions:
Each 2 ml ampoule contains 100 mcg of Fentanyl as Fentanyl Citrate USP.

Pharmacology:
Fentanyl Citrate is a synthetic opioid agonist, which acts primarily at the μ-opioid receptor. It is 100 times more potent than morphine, resulting in an estimated conversion ratio of 1 to 100 to provide an equal degree of analgesia. It acts in the central nervous system (CNS) or brain to relieve pain. Some of its side effects are also caused by actions in the CNS, such as drowsiness or dizziness. This medicine is to be given only by or under the immediate supervision of your doctor.

Dosage And Administration:
dult Dose: Premedication: 50 to 100 mcg IM 30 to 60 minutes prior to surgery. Adjunct to General Anaesthesia: Induction: 50–100 mcg initially IV and may be repeated at 2 to 3 minutes intervals until the desired effect is achieved. Maintenance: 25–50 mcg IV or IM. Adjunct to Regional Anaesthesia: 50–100 mcg IM or slowly IV when additional analgesia is required. Post-operatively: 50–100 mcg IM for the control of pain, tachypnoea, and emergence delirium. The dose may be repeated in one or two hours as needed. Children Dose: For induction and maintenance in children (2–12 years of age), a reduced dose as low as 20–30 mcg/10 kg is recommended.

Contraindications:
undefined

Warning And Precaution:
Following intravenous administration of Fentanyl, a transient fall in blood pressure may occur, especially in hypovolemic patients. Appropriate measures to maintain a stable arterial pressure should be taken.

Side Effects:
Nausea, vomiting, constipation, light headache, dizziness, drowsiness, headache and allergic reactions may also occur

Use in Pregnancy and Lactation:
Pregnancy category C. There are no adequate data from the use of Fentanyl Citrate in pregnant women. Fentanyl Citrate can cross the placenta in early pregnancy. Studies in animals have shown some reproductive toxicity. The potential risk for humans is unknown. Use in Nursing Mother: Administration to nursing women is not recommended as Fentanyl Citrate may be secreted in breast milk and may cause respiratory depression in the infant. Therefore, breastfeeding or use of expressed breast milk is not recommended within 24 hours of treatment. The risk/benefit of breastfeeding following Fentanyl Citrate administration should be considered

Drug Interaction:
  Antipsychotics: - Droperidol: The concomitant use of Droperidol can result in a higher incidence of hypotension. Antihypertensive: - Clonidine: Co-administration of Clonidine may enhance Fentanyl Citrate effects and especially prolong Fentanyl Citrate-induced respiratory depression.

Overdosage:
undefined

Storage:
Store in a cool (below 30°C) and dry place. Protect from light and keep out of reach of children.

Packing:
Each box contains 1 × 5 ampoules in blister pack.

Manufactured By:
The IBN SINA Pharmaceutical Industry PLC.
Shafipur, Gazipur, Bangladesh.