

VGH PHARMACEUTICAL SCIENCES
DRUG DATA SHEET: Iron Isomaltoside

Drug Name

Iron Isomaltoside

Alternate Name

MONOFERRIC[®]

Strength

100 mg/mL (5 mL, 10 mL) vials

Dosage Form

IV injection

Indications

- iron deficiency anemia

Reconstitution and Stability

- stable at room temperature
- available as dark-brown, non-transparent preservative-free single use vials
- dilute 500 mg in 50 mL NS minibag and 1000 mg in 100 mL NS minibag
- do not prepare in advance; infuse as soon as possible after dilution in NS (no stability data is available)

Compatibility

- compatible with NS
- incompatible with other drugs

Administration

- IV intermittent
 - 500 mg /50 mL NS infused over 60 minutes
 - 1000 mg/100 mL NS infused over 120 minutes

Dosage

- 500 to 1000 mg IV given as a single dose, or divided into 2 x 500 mg doses given 7 days apart
- Maximum single dose: 1000 mg; if greater than 1000 mg IV required, divide into 2 doses given 7 days apart

Side Effects

- allergic or anaphylactoid reactions have been rarely reported: flushing, hypotension, urticarial, pruritus, bronchospasm, angioedema
 - administration should be stopped immediately when signs of anaphylactoid reaction occur; epinephrine and an antihistamine must be readily available
- common adverse effects (>3%): headache, nasopharyngitis, nausea, vomiting, constipation
- transient hypophosphatemia (serum phosphate less than 0.65 mmol/L (usually asymptomatic, symptoms may include fatigue and weakness)

Contraindications

- For patients with multiple serious drug allergies (ie. 2 or more), use an alternative IV iron preparation (eg. iron sucrose – VENOFER)

Monitoring

- observe for signs and symptoms of hypersensitivity and hypotension for 30 minutes after each infusion
- check hemoglobin, iron studies one month after completion iron dose (s)

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