IRON SUCROSE

SYNONYMS Iron (III) – hydroxide sucrose complex

BRAND NAME VENOFER

DRUG CLASS Iron supplement

AVAILABILITY Ampoule contains 100 mg/5 mL of elemental iron as iron (III) hydroxide sucrose complex. Also contains sodium hydroxide. The solution is non-transparent and dark brown.

WARNING Serious hypersensitivity reactions and anaphylaxis may occur. The reactions may occur even when a previous dose has been tolerated or there has been a negative test dose. Resuscitation facilities must be readily available. Extravasation may cause pain, inflammation, tissue necrosis, sterile abscess and brown discoloration of the skin. Apply ice to cause local vasoconstriction and decrease fluid absorption. Do not massage the area.

pH 10.5–11

PREPARATION Not required

STABILITY Ampoule: store below 25 °C. Do not freeze. Infusion solution: use immediately.

ADMINISTRATION

IM injection Contraindicated due to high pH.

SUBCUT injection Contraindicated due to high pH.

IV injection In haemodialysis patients inject undiluted into the venous limb of the dialysis line at a rate of 1 mL/minute.

IV infusion Dilute the dose in a maximum of 100 mL of sodium chloride 0.9%. Do not dilute to a concentration less than 1 mg/mL. Infuse at a rate of 100 mg of iron over at least 15 minutes.

IV use for infants and children Dilute to 1 mg/mL with sodium chloride 0.9%. Infuse the dose at 1–1.3 mL/minute. The maximum rate is 3.3 mg/minute.

COMPATIBILITY

Fluids Sodium chloride 0.9%

Y-site No information

INCOMPATIBILITY

Fluids Do not dilute in glucose solutions as there is an increased incidence of pain and phlebitis.

Drugs No information

SPECIAL NOTES

Do not give oral and parenteral iron together.

Monitor patients closely for signs of hypersensitivity during and for at least 30 minutes after administration.

Since a test dose without incident does not indicate that subsequent doses will also be reaction-free, test doses may still be carried out but are no longer required.

Hypotension may occur in haemodialysis patients.

REFERENCES