For the use of a registered medical practitioner or a hospital or a laboratory only

IRON SUCROSE





20 mg / mL (100 mg / 5mL) Solution for Injection (I.V.) Anti-Anemia

Therapeutic Category: Iron supplement.

Description:
A homogeneous brown liquid, free from particulate matter filled with 5 mL in flint ampoules with purple snap of, USP Type-1,

Clinical Pharmacology:
Pharmacodynamics:
Pharmac

Distribution:
Following intravenous administration of iron sucrose, the iron component appears to distribute mainly in blood and to some extent in extravascular fluid. Significant amount of the administered iron distributes in the liver, spleen and bone marrow.

Metabolism and Elimination:

Metabolism and Elimination:

Following intravenous administration of Iron sucrose (Referis) is dissociated into iron and sucrose by the reducioendothelial system. The sucrose component is eliminated mainly by urinary excretion. Some iron also is eliminated in the urine.

Indications:

- · where there is a need for a rapid Iron supply,
- In patients who cannot tolerate oral iron therapy or who are non compliant,
- . In active inflammatory bowel disease where oral iron preparations are ineffective
- In chronic kidney disease when oral iron preparations are less effective.

• In Official Basing or Bestaler when the in the processing of the Poscology and method of administration: Monitor carefully patients for signs and symptoms of hypersensitivity reactions during and following each administration of horo Sucrose. Iron Sucrose should only be administred when staff trained to evaluate and manage anaphyticibic reactions is immediately available, in an environment where full resuscitation facilities can be easiered. The patient should be observed for adverse effects for at least 30 minutes following each Iron Sucrose injection.

Posology: The cumulative dose of Iron Sucrose must be calculated for each patient individually and must not be exceeded.

Calculation of Dosage:
The total cumulative dose of fron Sucrose, equivalent to the total fron deficit (mg), is determined by the haemoplobilities of (high part of the part of the total fron deficit (mg), is determined by the haemoplobilities of the following Cancination of the following Cancination formats, for example.

Total fron deficit [mg] = SW [kg] x (target Hb - actual Hb) [g/d/l] x 2.4* + storage iron [mg]

- total iron center(ting) = 8 m (bg) k (larget fro actual rio) (point X.2 * storage fron (ring) Below 398 (bg Y. Target frb 13 glad and storage iron = 360hg) (Bg W. 35 lig BW) and above: Target Rb = 15 glid and storage iron = 360hg (Blood volume is equal to 7% of BW) x 1600 (conversion of (glid (ring)) x 10 Total iron Successor (glid (ring)) x 10 Total

Body Weight	Hb 6.0 g/L	Hb 7.5 g/L	Hb 9.0 g/L	Hb 10.5 g/L
30 kg	47.5 mL	42.5 mL	37.5 mL	32.5 mL
35 kg	62.5 mL	57.5 mL	50 mL	45 mL
40 kg	67.5 mL	60 mL	55 mL	47.5 mL
45 kg	75 mL	65 mL	57.5 mL	50 mL
50 kg	80 mL	70 mL	60 mL	52.5 mL
55 kg	85 mL	75 mL	65 mL	55 mL
60 kg	90 mL	80 mL	67.5 mL	57.5 mL
65 kg	95 mL	82.5 mL	72.5 mL	60 mL
70 kg	100 mL	87.5 mL	75 mL	62.5 mL
75 kg	105 mL	92.5 mL	80 mL	65 mL
80 kg	112.5 mL	97.5 mL	82.5 mL	67.5 mL
85 kg	117.5 mL	102.5 mL	85 mL	70 mL
90 kg	122.5 mL	107.5 mL	90 mL	72.5 mL

Below 35kg BW : Target Hb = 13 g/dl 35kg BW and above: Target Hb = 15g/dl 70 convent 15 (milh) to Hb (g/d), multiply the former by 1.6 If the total necessary dose exceeds the maximum allowed single dose, then the administration must be

Posology:
Adults:
S-10mL of iron Sucrose (100 – 200 mg Iron) 1 to 3 times a week. For administration time and dilution ratio see

Approved by:



Paediatric population:
The use of Iron Sucrose has not been adequately studied in children and therefore, Iron Sucrose is not

Method of administration: Iron Sucrose must only be administrated by the intravenous route. This may be by a slow intravenous injection, by an intravenous drip infusion or directly into the venous line of the dialysis machine. Intravenous drip infusion:
tron Sucrose must only be diluted in sterile 0.9% m/V sodium chloride (NaCl) solution. Dilution must take
place immediately prior to infusion and the solution be administered as follows:

Iron Sucrose dose (mg of Iron)	fron Sucrose dose (ml. of Iron Sucrose)	Maximum dilution volume of sterile 0.9% m/V NaCl solution	Minimum infusion time
50 mg	2.5 mL	50 mL	8 minutes
100 mg	5 mt.	100 mL	15 minutes
200 mg	10 mL	200 mL	30 minutes

For stability reasons dilutions to lower Iron Sucrose concentrations are not permissible

Intravenous injection:
Iron Sucrose may be administered by slow intravenous injection at a rate of 1mL undiluted solution per minute and not exceeding 10 mL Iron Sucrose (200 mg Iron) per injection.

Injection into venous line of dialysis machine: Iron Sucrose may be administered during a haemodialysis session directly into the venous line of the dialysis machine under the same conditions as for intravenous injection.

Note:

Do not mix from Sucrose Injection (Referis) with ofther medications or add to parenteral nutrition solutions for intravenous influsion. Parenteral ring products should be inspected for particulate matter and discoloration prior to administration, whenever the solution and container permit.

Undesirable effects:

Byeton Organ class	Common. (75/188,45/18)	Greamman (75/1,000,+1/100)	Raru (73/18,000+1/1,606)	Frequency not known
inhecitoris and inheciations			Preumonia	
Blood and lymphate. system disorders		Psiky Oromia ¹⁵		
tomune system disorders		Hypotherisitially		Anaphylactorii resctore, angosetema
Metabolism and nutrition Societies			rui setsal :	
Nameus system (Incident	Oysigmatie	Headache, dizznesa, buming sersation, passedenia, hyposodhesia	Булсорк, торгали. напозначая	Depressed total of consciousness, confusional state, less of conscitueness, enough, hence
Certiac dounters			Palphatrons	Bradycardia, techycardia
Vancular Shorters	Hypotension. Prypatension	Pressu	Planting	Constantly collapse, experima sein thrombooks. Errombooklebits
Respiratory disorders and mediastical disorders		Оукрания		Bronchospaum
Renal and wheely disorders		Chrysdalia		
Gestromestrusi discreture	Name	Vombing, abdominal pain, danhose, contigation	Dry mouth	
tion and subouteneous trause disorders		Prorton, seeh		
Musculoskeletal and connective lissue desirales		Muscle stamps, tripalgia, arthrolyse, pain in extremity, back pain	Limb doubt muste speams	Hypolonia
General disorders and attracellution site considen	Prjection sile pain	injection also initiation, injection ade absorbination, injection who	Feeling had, cheed pain, pyreals, injection also purhus, injection also braining	Heperhadrosia
hestprins		Clarinia glutariy translaria normateri, alarine aministranslaria increasast, superlate animitranslarias normateri, free function test aliminansi	Serum territor increasera ⁽¹⁾ , blood preadtone increased, blood lastete behydrogename increased	

Warnings: Hypersentivity reactions have been reported with Injectable iron products.

General:

Benause body into excretion is limited and excess tissue into can be hazardous, caution should be exercised to withhold iron administration in the presence of evidence of tissue iron overload. Patients receiving from a surcess require periodic monitoring of hematologic and hematinic parameters Riamengolein, haematocrit, serum eritin and transferm saturation, iron therapy should be withheld in patients with evidence of iron overload. Transferm saturation values increase anglely after 1/4 administration of iron sucrose (Referts) injection; thus, serum iron values may be reliably obtained 48 hours after 1/4 dosing

Hypersensitivity Reactions:
Serious hypersensitivity reactions have been reported including life threatening and fatal anaphylaction reactions in patients receiving iron sucrose.

Hypotension:
Hypotension has been reported frequently in haemodialysis dependent chronic kidney disease patients
receiving intravenous iron. Hypotension following administration of fron sucrose (Referis) injection may be
related to rate of administration and total dose administered. Caution should be taken to administer iron
sucrose according to recommended quidefines.

sucrose accounts are recommenced judentified. Carcinogenesis, Muttagenesis, and Impairment of Fertility:

Acerinogenesis, Muttagenesis, and Impairment of Fertility:

No long-term studies in animals have been performed to evaluate the carcinogenic potential of iron sucrose. Fertility is judentified in the Ames test, the mouse lymphoma cell (1.5178Y/TK-/ino sucrose (Referis) election was not genotical in the Ames test, the mouse lymphoma cell (1.5178Y/TK-/ino sucrose (Referis) is genotical in the Ames test, the mouse inscribed in the recommendation test, the human hymphocyte chromosome aberration test, or the nouse micromactices test.

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Pregnancy Category 8:
There are, however, no adequate and well controlled studies in pregnant women. Because animal reproduction studies are not always predictive of human response, this drug should be used during pregnancy only if clearly needed.

Nursing Mothers: It is not known whether this drug is excreted in human milk. Because many drugs are excreted in human milk, caution should be exercised when Iron sucrose (Referis) injection is administered to a nursing woman.

Geriatric Use:

No overall differences in safety were observed between these subjects and younger subjects, and other reported clinical experience has not identified differences in responses between the elderly and younger patients, but greater sensitivity of some older individuals cannot be ruled out.

Caution; Before using check for absence of sediments. The injection should be discarded if any visible particles

Overdose:

Dosages of fron Sucrose (Referis) injection in excess of iron needs may lead to accumulation of iron in storage sites leading to haemosiderosis. Periodic monitoring of iron parameters such as serum ferritin and transferring saturation may assist in ecopyrizing iron accumulation. Iron Sucrose (Referis) injection should not be administered to Patients with Iron overload and should be discontinued when serum ferritin levels equal or exceed established guidelines. Particular caution should be exercised to avoid iron overload where anemia unresponsive to treatment has been incorrectly diagnosed as iron deficiency amenia.

Symptoms associated with over dosage or infusing Iron sucrose (Referis) injection too rapidly included pain, edema, and cardiovascular collapse. Most symptoms have been successfully treated with IV fluids, hydrocordisone, and/or antihistamines. Infusing the solution as recommended or at a slower rate may also alleviate symptoms.

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Contraindications:

The use of Iron Sucrose (Referis) injection is contraindicated in patients with evidence of iron overload or hereditary disturbances in utilization of iron, in patients with known hypersensitivity to Iron Sucrose (Referis) injection or any of its inactive compounds and in patients with anemia not caused by Iron deficiency, known serious hypersensitivity to other parenterial rion products.

Caution: Foods, Drugs, Devices and Cosmetics Act prohibits dispensing without prescription.

Availability: Pack of 5 ampoules in a tray

Storage: Store at temperatures not exceeding 30°C. Keep out of reach of children.

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Manufactured Manufactured S Distributed by:

Global Pharmatech Pvt. Ltd
No. 32. Sipcot Industrial Complex,

Phase 1, Hosur-635126, Tamil Nadu, INDIA.

Malugay St. cor. Gill Puyla Ave.,

Brgy, Bel-Air, Makati City.

		Speci	fication box			
Market: Export			Artist : Varnish : NA			
Product name : Iron Sucrose Injection (5 x 5 mL)						
Item : Package Insert			Manufactured by: Global F	harmatech		
Size: 80 x 208 mm			Date: 27 / 01 / 17			
Artwork Code:						
Color:						
Prepared packaging department	Checked by Regulatory Affairs	Checked by Bussiness development	Checked by Quality Assurance	Checked by Quality control	Checked by Quality Operations	

Approved by:

