

ENDOFER 20 FARBIO

**IRON DEXTRAN 20%
ANTI-ANEMIC**

PHARMACEUTICAL FORM:

Injectable solution

COMPOSITION:

Each 100 ml contains:

Iron Dextran 20% 100 mL

SPECIES:

Swine, Bovine, Calves.

DOSAGE:

DOSAGE		
SPECIES	REFERENCE DOSAGE	PRACTICAL DOSAGE
 BOVINE ADULTS	500-1000mg/ animal	2,5-5ml
 CALVES	500mg/ animal	2,5ml
 SWINE	100 -200 mg / animal	0,5-1ml at 3 days of age and the dose is repeated at less than 7-21 days of age.
ROUTE OF ADMINISTRATION: Deep intramuscular.		

INDICATIONS AND USE:

ENDOFER 20 FARBIO is indicated for the treatment of anemia caused by iron deficiency, primarily in piglets; it reduces litter mortality and improves growth and development, leading to weight gain. A single dose ensures adequate iron levels in the piglets' bodies, thereby improving disease resistance. Administration to pregnant sows is recommended to prevent anemia in newborn piglets. It serves as an adjunct treatment for animals weakened by hematozoan diseases and hemoglobinuria. It is also indicated for iron deficiency in cattle.

ROUTE OF ADMINISTRATION:

Deep intramuscular

PHARMACOKINETICS:

Iron dextran: When administered intramuscularly, it is slowly absorbed via the lymphatic system. Approximately 60% of the drug is absorbed within three days of administration, and 90% absorption is

complete within one to three weeks. It binds to hemosiderin, ferritin, or transferrin. It crosses the placenta, although the exact mechanism is unknown. Only trace amounts of iron are detected in breast milk. It is slowly eliminated from the body as hemoglobin is broken down. An insignificant amount is excreted in the feces. Small quantities may be found in hair and nails, as well as in desquamated skin and mucous membranes.

MECHANISM OF ACTION:

Iron dextran: Iron is necessary for myoglobin and hemoglobin in the transport and utilization of oxygen. Although it neither stimulates erythropoiesis nor corrects hemoglobin abnormalities not caused by iron deficiency, iron administration corrects the physical symptoms and hemoglobin depression resulting from iron deficiency. Ionized iron is also a component of the enzymes cytochrome oxidase, succinate dehydrogenase, and xanthine oxidase.

PRECAUTION, WARNINGS AND CONTRAINDICATIONS:

- Do not administer to patients that have received chloramphenicol, as it delays iron absorption.
- Do not use iron dextran in adult pigs, as it causes discoloration of the ham muscles.
- Do not use in cases of hemorrhage into tissues and body cavities; this leads to hemosiderosis and causes abnormal tissue discoloration.

DRUG INTERACTIONS:

Not reported

SIDE EFFECTS:

They have not been reported at therapeutic doses.

WITHDRAWAL:

Not applicable

ANTIDOTE:

Not applicable

STORAGE:

Store in a cool, dry place, protected

from light at a temperature between 15 °C and 30 °C. **Keep out of the reach of children and pets.**

SALE:

Veterinary prescription required.

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