



Preferred Drug List

NEW DRUG REVIEW

Proprietary Name: Ferriprox[®]

Common Name: deferiprone

PDL Category: Antidotes

<u>Comparable Products</u>	<u>Preferred Drug List Status</u>
Deferoxamine mesylate	Preferred
Exjade [®]	Non-Preferred

Summary

Indications and Usage: Iron chelator indicated for the treatment of patients with transfusional iron overload due to thalassemia syndromes when current chelation therapy is inadequate.¹

Mechanism of Action: Chelating agent with an affinity for ferric ion (iron III).¹

Dosage Forms: Film coated tablets: 500mg

Recommended Dosage: 25 mg/kg to 33 mg/kg body weight, orally, three times per day, for a total daily dose of 75 mg/kg to 99mg/kg body weight.¹

Common Adverse Drug Reactions: Nausea, vomiting, arthralgia, chromaturia, neutropenia, increased alanine aminotransferase.¹

Contraindications: None

Manufacturer: ApoPharma USA, Inc.

Analysis: Ferriprox[®] is a chelating agent indicated to treat iron overload due to blood transfusions in patients with thalassemia who had inadequate response to prior chelation therapy. The safety and efficacy of Ferriprox[®] was based on a pooled analysis of 236 patients from several studies. The criterion for prior chelation failure was serum ferritin > 2,500 mcg/L before treatment with Ferriprox[®]. Assessment of efficacy in these trials was based on a $\geq 20\%$ decline in serum ferritin within one year of starting therapy. The endpoint of at least 20% reduction in serum ferritin was met in 50% of patients. Approval was based on reduction of ferritin levels. There are no controlled trials documenting a direct treatment benefit. In addition, use in other chronic anemias has not been established. Ferriprox[®] is not intended as a first line therapy and is only indicated in a certain subset of patients. Therefore, it is recommended that Ferriprox[®] be added to the Preferred Drug List as a non-preferred drug.

IME Recommendation:

<input type="checkbox"/> Preferred Drug	<input type="checkbox"/> Recommended Drug
<input checked="" type="checkbox"/> Non-Preferred Drug	<input type="checkbox"/> Non-Recommended Drug
<input type="checkbox"/> Preferred Drug with Conditions	

1. Ferriprox[®] [package insert]. Rockville, MD: ApoPharma USA, Inc.; 2011.