

DEFERIPRONE

Class: Chelating Agent.

Indications:

Treatment of transfusional iron overload due to thalassemia syndromes with inadequate response to other chelation therapy.

Available dosage form in the hospital:

- DEFERIPRONE 500MG TAB

Dosage:**Note:** Round dose to the nearest 250 mg (or 1/2 tablet). If serum ferritin falls consistently below 500 mcg/L, consider temporary treatment interruption.

-Transfusional iron overload: Oral: Initial: 25 mg/kg 3 times/day (75 mg/kg/day); individualize dose based on response and therapeutic goal; maximum dose: 33 mg/kg 3 times/day (99 mg/kg/day).

Geriatric

Refer to adult dosing. Begin at the low end of dosing range.

Renal Impairment:

No dosage adjustments are provided in the manufacturer's labeling (has not been studied).

Hepatic Impairment:

No dosage adjustments are provided in the manufacturer's labeling (has not been studied).

Dosing: Adjustment for Toxicity

- ANC <1500/mm³: Interrupt treatment
- ANC <500/mm³: In addition to treatment interruption, consider hospitalization (and other clinically-appropriate management); do not resume or rechallenge unless the potential benefits outweigh potential risks
- Infection: Interrupt treatment; monitor ANC more frequently

Common side effect:

Gastrointestinal: Nausea (13%)

Genitourinary: Chromaturia (15%)

Pregnancy Risk Factor: D.