

EVALUATION OF THE EFFECTIVENESS OF CARBOXYMALTOSE IRON TREATMENT AT HOSPITAL DISCHARGE



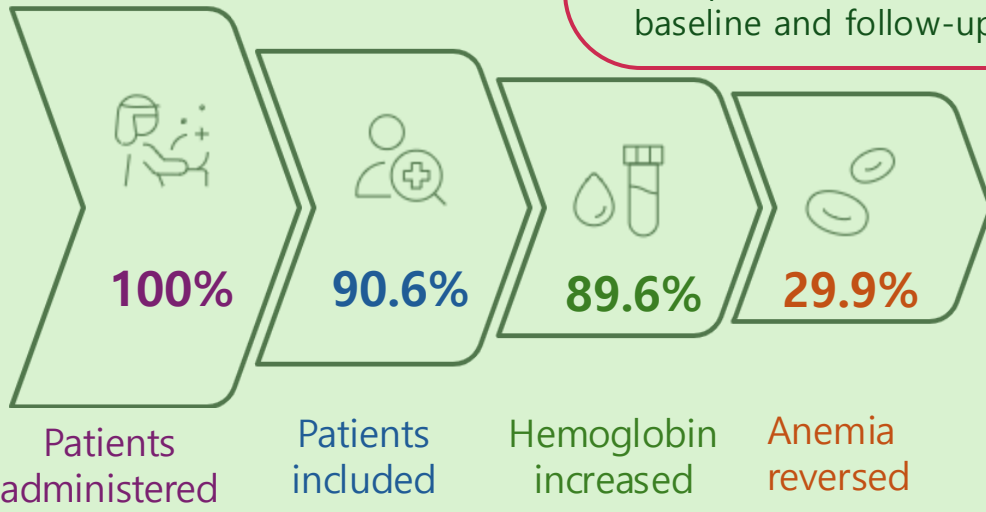
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OBJECTIVE

To evaluate the effectiveness of iron carboxymaltose at discharge and its impact on patient follow-up.

MATERIALS AND METHODS

- ✓ Retrospective observational study.
- ✓ Hospitalized patients who received iron carboxymaltose at discharge between January and December 2024.
- ✓ Data collected: age, sex, hospital readmission, oral iron therapy, baseline and post-treatment hematological parameters.
- ✓ Data sources: Diraya, Dominion Farma Tools and Modulab electronic records.
- ✓ Complete assessment defined as availability of both baseline and follow-up laboratory values.



RESULTS

2.76 g/dL (Hb)
An increase of... respect baseline value

298.97 ng/mL (ferritin)

46.3 µg/dL (iron)

Oral iron therapy { 23 patients prior to admission
33 patients after discharge

CONCLUSIONS

- Administration of iron carboxymaltose improved hemoglobin and serum iron levels.
- The therapeutic goal of anemia reversal was not achieved in nearly two-thirds of patients, likely due to low baseline hemoglobin levels.
- Incomplete assessment of iron metabolism limited optimal analytical monitoring.

