

THE OUTCOME OF HEMATHOLOGICAL PARAMETERS AND ORGANOMEGALY IN ROMANIAN TYPE 1 GAUCHER PATIENTS UNDER IMYGLUCERASE TREATMENT

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Aims: to evaluate the outcome of hemathological parameters and organomegaly in Romanian type 1 Gaucher patients under Imyglucerase treatment

Patients:

- 31 Gaucher patients (30 with type 1 and 1 patient with type 3)
- Age: 31.74 ± 12.02 years; (range: 13 – 53)
- F/M: 2,4/1

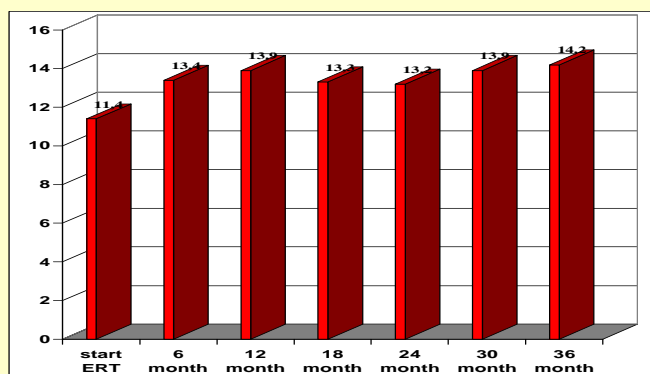
Methods: baseline and every six month of therapy:

- medical history and physical examination
- hemoglobin (g/dl);
- thrombocytes (n/mm³)
- spleen and liver volume (determined by ultrasonography)

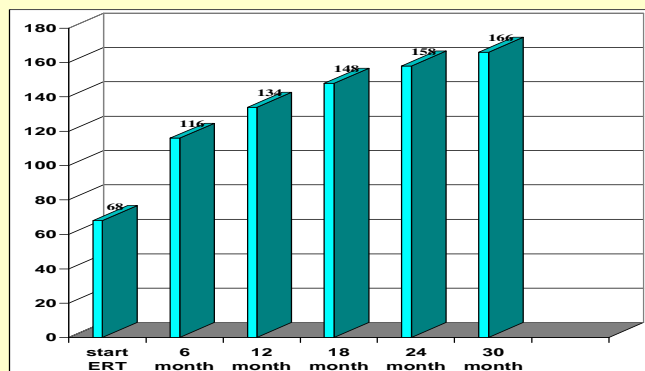
Cerezyme: 20 – 60 U /Kg
every two weeks
minimum 6 month
(28.43 ± 11.39 month)

RESULTS:

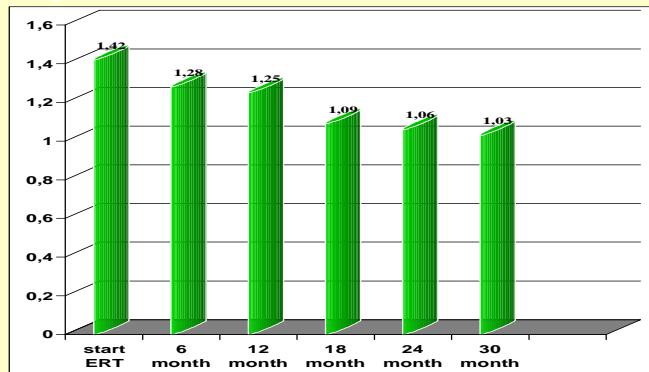
Hb (g/dl)



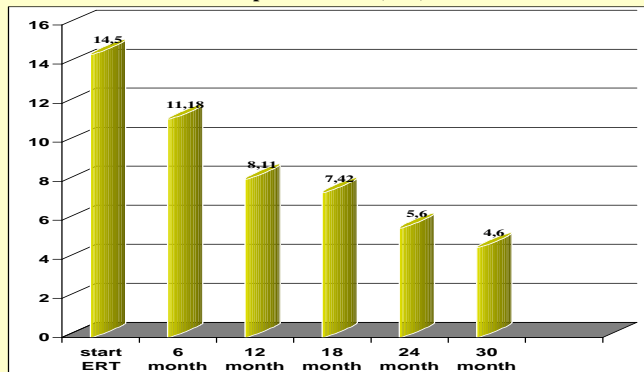
Thrombocytes (x 000/mm³)



Liver volume (cmc)



Spleen volume (cmc)



CONCLUSIONS:

- 1). We report first data of a clinical experience with ERT in Romanian patients with Gaucher disease type 1;
- 2). Anemia resolved after 6 month;
- 3). Thrombocytopenia and spleno-hepatomegaly improved notably over 30 month of therapy;
- 4). No adverse event.