The term β-thalassemia intermedia (β-~~TI~~TI) ~~is a term that~~ describes ~~patients with~~a form of milder anemia than ~~patients with~~ β-thalassemia major. Ineffective erythropoiesis, chronic hemolytic anemia, and iron overload are the main factors responsible for prognosis ~~the disease process~~ in patients with β-TI. Chronic hemolytic anemia may ~~have such adverse effects as~~result in increased ~~in~~ gastrointestinal iron absorption and iron overload, which~~-~~ in turn can cause endocrine abnormalities, diabetes mellitus, osteoporosis, hypothyroidism, and hypogonadism. The options available for managing patients with β-TI include ~~Iron~~ iron chelation therapy, splenectomy, transfusion therapy, and modulation of fetal hemoglobin (HbF) production~~ are several available options for managing patients with β-TI~~. Pharmacological agents that increase γ-globin production [e.g., ~~like~~ ~~Hydroxyurea~~ hydroxyurea (HU~~),~~)], as evidenced by ~~an~~ increased ~~in~~ HbF levels, have been considered ~~as~~ therapeutic agents for patients with β-~~thalassemia~~TI. Increased~~ing the synthesis of fetal hemoglobin~~HbF synthesis can help reduce anemia ~~and~~, thereby~~, improve~~ improving the clinical condition of these patients~~ of patients with β-TI~~. ~~In several patients with β-TI and in patients with sickle cell disease, a rise~~Increases in total HbF levels during HU treatment ~~has~~ have been repeatedly reported~~ during HU treatment~~ in several patients with β-TI and in those with sickle-cell disease. HU treatment can reduce blood transfusion dependency and even make some patients transfusion free, increasing their energy ~~state~~ level and decreasing splenomegaly. ~~HU treatment~~It also ~~is protective~~protects ~~for~~ against hypothyroidism, pulmonary hypertension, extramedullary hematopoiesis, leg ulcers, and osteoporosis. The ~~commonest~~ most common side effects of HU ~~therapy~~ treatment include neutropenia and thrombocytopenia~~,~~ ~~; both of which~~ these are predictable and can be easily ~~manageable~~managed. In the few studies conducted on the side effects of HU treatment in ~~β-TI~~ patients with β-TI, dermatological, neurological, and gastrointestinal adverse effects ~~were~~ have been ~~seen~~ observed without any reports of endocrine abnormality, bone marrow

Comment [A1]: Once an abbreviation is introduced in the text, the abbreviated form is used consistently at all subsequent mentions.

Comment [A2]: The pronoun "it" is used at this instance to avoid repeating the term "HU treatment" as the previous statement also pertains to HU treatment.

Comment [A3]: In academic writing, it is preferable to use consistent terminology so that concepts are clearly understood. The term "HU therapy" has been revised to "HU treatment" for consistency.

SAMPLE

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suppression, or hematological toxicity. ~~In the present study,~~We~~-~~ aimed to perform medium~~-~~ to long-term follow-up of chronic low-dose HU treatment ~~was inspected to~~ for ~~analyze~~ analyzing ~~the~~ its effect ~~of HU treatment~~ on the thyroid function of patients with β-TI.

Comment [A4]: Compound adjectives that modify a single noun are typically hyphenated, except when the first word of the adjective is an adverb ending with "-ly." Hyphens are used with these terms so that their meaning is understood clearly.

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