

Challenge TDT

Transfusion Therapy

Lifelong transfusions address anemia and enable survival, but do not correct the genetics of transfusion-dependent beta-thalassemia (TDT)¹

KEY POINTS

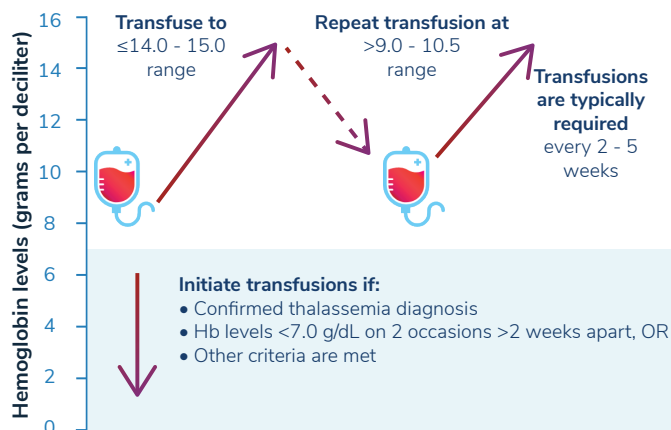
Thalassaemia International Federation (TIF) guidelines recommend that red blood cell transfusions be given every 2 to 5 weeks to correct anemia and suppress ineffective erythropoiesis in patients with transfusion-dependent beta-thalassemia (TDT).^{1,2}

Red blood cell transfusions are the main driver for iron overload, which can subsequently lead to multi-organ damage.^{1,3}

While effective iron chelation therapy has dramatically improved survival and quality of life in patients with beta-thalassemia, complications can still occur, including in the cardiovascular, hepatobiliary, and endocrine systems.^{4,5}

By addressing the genetic cause, there's potential to eliminate the need for chronic transfusions and reduce the risk of long-term complications.^{1,3,6}

TIF GUIDELINES FOR TRANSFUSION: Maintaining a Pre-transfusion Level of 9-10.5 g/dL¹



REFERENCES:

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