



POSTER

Case report: Results of the first case of Stem cell transplantation from cord blood cryopreservation for β -thalassemia patient at Vinmec International Hospital

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Competing interests: The authors declare that no competing interests exist.

Received: 2017-03-06

Accepted: 2017-04-06

Published: 2017-09-05

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Abstract

Background: To report the result of first case of β thalassemia, which is successfully transplanted by using allogeneic cord blood at the Vinmec International Hospital.

Methods: Male patient, born in January 2014, was diagnosed with β thalassemia at 3 months of age. Patient was received cord blood transplantation from his younger sibling who matches HLA index of 10/10 in August 2016.

Results: The number of cells in cord blood met high quality and after 30 days of transplantation, engraftment of patient fully developed with the Chimerism test was 100%. After 3 months of follow-up, it was demonstrated that the transplantation was successful.

Conclusion: We present an effective case of hematopoietic stem cell transplantation from human umbilical cord blood of sibling for treatment of thalassemia.

Keywords

Funding

References