Hereditary elliptocytosis

Contents

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Condition

Hereditary elliptocytosis (HE) aka hereditary ovalocytosis, is a heterogeneous group of inherited red blood cell (RBC) disorders characterized by elongated, oval, or elliptically shaped RBCs on peripheral blood smear. Hemolytic anemia in these disorders can range from absent to life-threatening.

Guidance at RECRUITMENT

ACCEPTABLE

Guidance at CT/WORK-UP

Accept, if no clinically significant hemolysis, at the discretion of transplant center.

Unacceptable if active hemolysis.

Justification for guidance

Hemolytic anemia poses risk to both donor and recipient. If no evidence of hemolysis, inform transplant center of diagnosis and proceed if TC prefers. Donor must not donate if clinically significant hemolysis.

References

Donor suitability working group WMDA meeting Hanau 2023.

Kalfa, T., Takemoto, C., & Tirnauer, J. (2023). Hereditary elliptocytosis and related disorders. *UpToDate*. Retrieved October 10, 2023 from

https://www.uptodate.com/contents/hereditary-elliptocytosis-and-related-disorders?search=hereditary%20elliptocytosis&source=search_result&selectedTitle=1~150&usage_type=default&display_rank=1

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