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Launch of the ISBT E-learning Module “Transfusion Reactions E-learning Module”

There is a global recognition of a need to improve transfusion education to further improve the safety of transfusion practice. However, knowledge on transfusion-related adverse events were placed under the least known among non-transfusion medicine physicians (1).

Members of the Clinical Transfusion Working Party of the ISBT and the European Blood Alliance (EBA) recognized the knowledge gap in the basic medical training of Junior physicians, who may be confronted with transfusion-related problems without adequate knowledge. The idea was born to develop an e-learning module that is focused on the acute adverse events after blood transfusion. The project is funded by both ISBT and EBA.

This interactive e-learning module is case-based and intended for early career physicians, who might be challenged with acute transfusion-related reactions.

The training is designed for international use on a global level. Participants are required to register for the module to gain access. The training consists of an introduction followed by 7 interactive cases and associated quizzes. The main and most prevalent acute transfusion reactions will be discussed, based on the presenting signs and symptoms (e.g. fever, dyspnoea and blood pressure changes).

The participant will learn to recognize, investigate and treat:

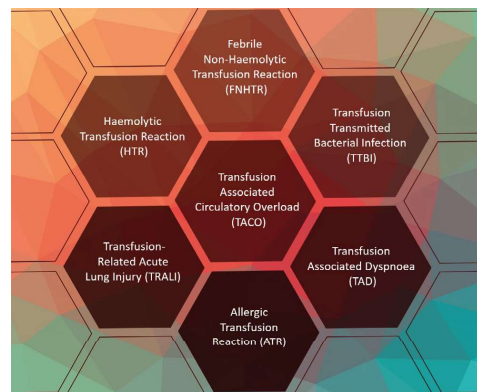
- TRALI and TACO,
- Hemolytic and non-hemolytic febrile reactions,
- Septic reactions,
- Allergic and anaphylactic reactions

Feedback on every given answer will be provided to stimulate the learning process. Completion of all components of the module is required to obtain a certificate, which is accredited by European Board for Accreditation in Hematology (EBAH).

The tutorials will be launched in March 2021 and will be accessible on the society's e-learning platform ISBT Education.

Because of the urgent need and importance of such trainings, the module will be freely available to all ISBT and non-ISBT members all around the globe.

We thank all contributors for their time and input, for their help and support. We hope this initiative will help to improve the quality of blood transfusion practice to minimize complications as much as possible.



References:
1. Lin, Y., and R. L. Haspel. "Transfusion medicine education for non-transfusion medicine physicians: a structured review." Vox sanguinis 112.2 (2017): 97-104.



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