



November 16th 2023



2-4:40 p.m. CET

NEONATAL BLOOD TRANSFUSIONS AND HEMATOLOGIC DISORDERS

Basic/Intermediate level

Preterm neonates often receive multiple transfusions with various blood products, including red blood cells (RBC), platelets and fresh frozen plasma (FFP). Why, when and how much to transfuse is not entirely clear and even sometimes confusing as there are many conflicting guidelines available. In this course we will discuss the current evidence and give you some tools to help you decide whether or not to transfuse. Our aim is to keep things as simple and clear as possible, and provide young specialists with clear and practical guidelines for your daily practice when working at your NICU. We will also discuss the antenatal and postnatal management and outcome in two specific hematologic disorders, namely Hemolytic disease of the Fetus and Newborn (HDFN) and Fetal/Neonatal Alloimmune Thrombocytopenia (FNAIT). In HDFN we will focus on the role of IVIG, exchange transfusions and EPO, whereas in FNAIT we will focus on the role of IVIG and matched or random platelet transfusions.

14:00-14:10

Introduction and objectives

Enrico Lopriore (*The Netherlands*)

14:10-14:30

RBC transfusions

Genny Raffaelli and Stefano Ghirardello (*Italy*)

14:30-14:50

Platelet transfusions

Enrico Lopriore (*The Netherlands*)

15:50-15:10

FFP transfusions

Nina Houben (*United Kingdom*)

15:10-15:30

Short Break

15:30-15:50

HDFN: management and outcome

Enrico Lopriore (*The Netherlands*)

15:50-16:10

FNAIT: management and outcome

Thijs de Vos (*The Netherlands*)

16:10-16:40

Discussion with participants

Enrico Lopriore (*The Netherlands*)



Enrolments are limited to 50 people per course

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