

CTP – Advanced Patient Blood Management (PBM)

Module Description

This module focuses on Advanced Patient Blood Management (PBM), addressing its principles and practical application across clinical transfusion practice. Throughout this module, you will explore the foundations of PBM, including the three core pillars: optimisation of red cell mass, minimisation of blood loss, and enhancement of anaemia tolerance. Emphasis is placed on appropriate transfusion decisions, transfusion alternatives, and the safe and effective use of adjunct therapies.

Building on the Core PBM module, this advanced module is designed to extend your understanding by focusing on more complex clinical scenarios and specialist areas of transfusion practice. It deepens knowledge through case-based learning that challenges you to apply theoretical principles in real-life situations, encouraging critical thinking and reflective decision-making. These cases cover a variety of patient presentations from chronic anaemia in outpatient settings to ethical dilemmas such as transfusion refusal, and emergency scenarios requiring rapid intervention and blood conservation strategies.

The module incorporates a series of clinical discussions and examples that reflect everyday practice, ensuring knowledge is contextualised and relevant. Topics such as intraoperative cell salvage, community-based transfusion delivery, and PBM programme implementation are explored in greater depth, allowing you to consider PBM as both a clinical and organisational framework.

Recognising that participants come from varied clinical and transfusion backgrounds, the module is designed to be accessible and relevant to different roles and levels of experience. Some learners may already be familiar with PBM strategies or transfusion governance, while others may be encountering these concepts for the first time. Therefore, the module uses reflective activities, practical examples, and guided learning to deepen understanding.