

Transfusion Medicine Bootcamp for Nurses

2025 Additional Questions

Session 1

Transfusion Considerations – Patients with Liver Disease

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1. Is there a preference between SDP vs. FFP for patients with liver disease?

(Zoom Chat question)

Discussion/Rationale:

For the most part, SD plasma and frozen plasma are considered interchangeable.

In the context of liver disease, two randomized controlled trials evaluating SD versus frozen plasma transfusion in patients undergoing liver transplantation found no difference in clinical efficacy or bleeding (Bartelmaos T. et al, Transfusion 2013; Bindi M.L. et al, Vox Sanguinis 2013).

While there is no evidence that one is preferred over the other in liver disease, an important consideration is that the risk of TRALI and allergic transfusion reactions is reduced with SD plasma.