Adult or pediatric patient with hypoproliferative thrombocytopenia

Does the patient have clinically significant bleeding or a platelet count \( \leq 10 \times 10^9/L \)?

No platelet transfusion

No

Yes

HLA- or HPA-Alloimmunized?

Yes

Platelet transfusion

Product: Apheresis platelets or leucoreduced whole blood-derived platelets
Use ABO-identical if available.

Dose recommendation (platelets/m\(^2\))
For inpatient: Low dose (1.1 x 10\(^{11}\))
For outpatient: Standard dose (2.2 x 10\(^{11}\))

Patient is RhD negative female child or female of child bearing age who is receiving RhD positive platelets

No Rh immunoglobulin needed.

No

Yes

Transfuse IV Rh immunoglobulin within 72 hours of platelet transfusion

Yes