Supplementary Figure 1. Causative Factors, Pathophysiologic Mechanisms and Resultant Thrombocytopenia

- Direct bone marrow suppression secondary to viruses, alcohol, iron, or drugs
- Decreased hepatic TPO production
- Anti-platelet antibodies, shear stress, infection, or increased fibrinolysis
- Massive fluid resuscitation; massive transfusion
- Hypersplenism secondary to portal hypertension
- Decreased platelet production
- Increased destruction/consumption of platelets
- Dilution of platelets
- Sequestration of platelets

Thrombocytopenia

TPO, Thrombopoietin