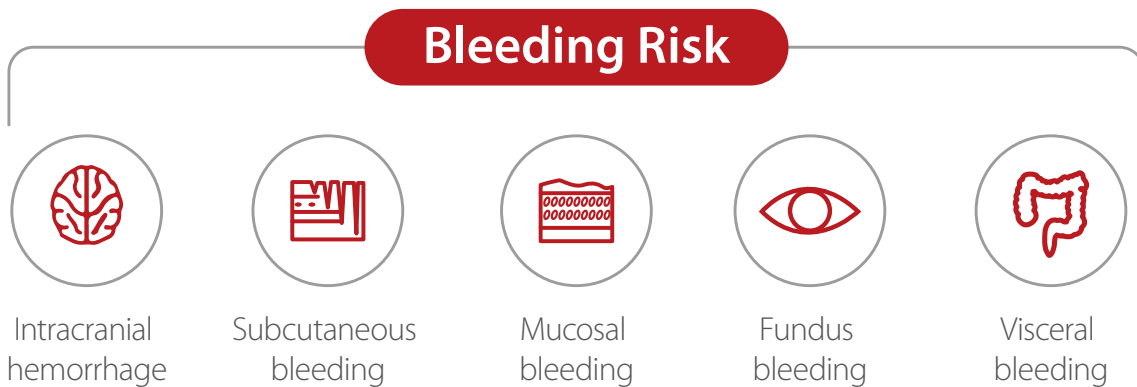


Low value? High risk?

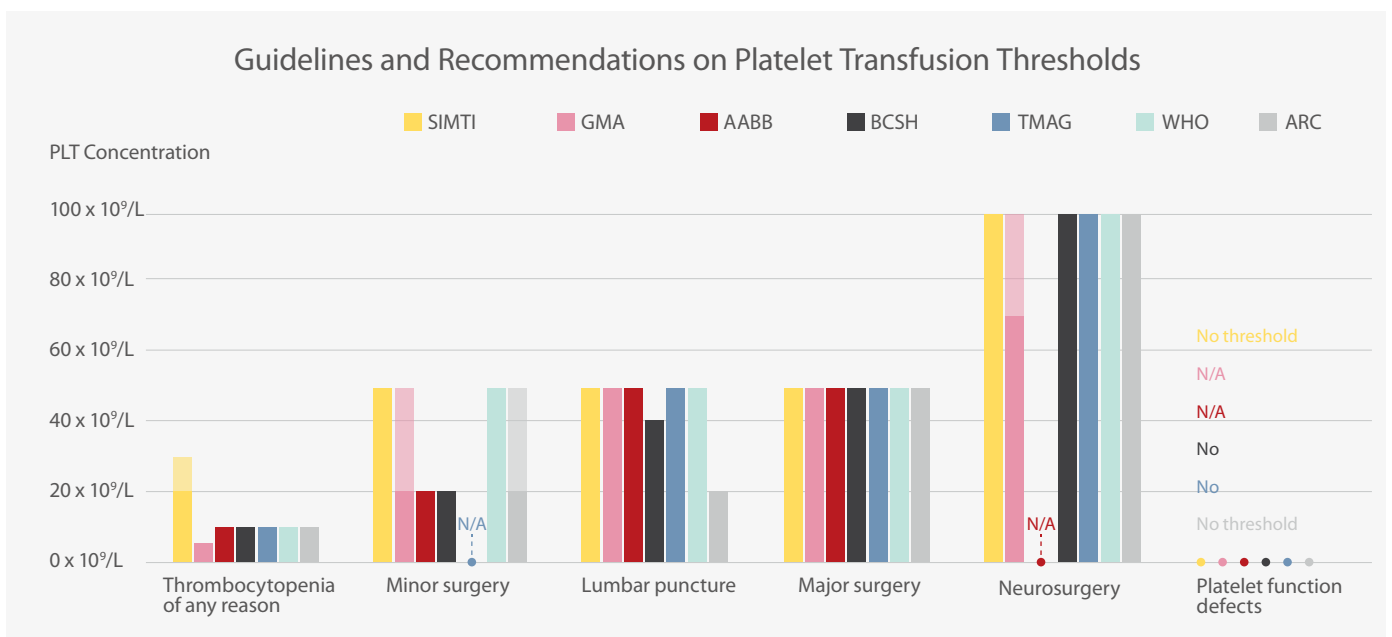
# Resolve your concerns about the risk of low-value platelet measurements

When the platelet value is low, patients are at risk of bleeding. Bleeding in vital organs is life-threatening.



According to Giuseppe Lippi and other professors, there is no universal agreement on the definition of platelet transfusion thresholds.<sup>[1]</sup> However, the degree of accuracy and imprecision of the vast majority of fully automated hematological analyzers appears unsatisfactory, especially in the lower thrombocytopenic range, i.e.,  $<50 \times 10^9/L$ .

The current guidelines and recommendations show that there is no consensus on the low PLT infusion threshold in several specific clinical situations, as shown in the following table.<sup>[1]</sup>



Abbreviations: SIMTI, Italian Society of Transfusion Medicine and Immunohaematology; GMA, German Medical Association; AABB, American Association of Blood Banks; BCSH, British Committee for Standards in Haematology; TMAG, British Columbia Transfusion Medicine Advisory Group; WHO, World Health Organization; ARC, American Red Cross; N/A, not available.

\*Only in case of perioperative bleeding.



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