



**NAC ENDORSEMENT: ICTMG GUIDELINES ON PLATELET TRANSFUSION FOR PATIENTS
WITH HYPOPROLIFERATIVE THROMBOCYTOPENIA**



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Platelet wastage is a significant problem for Canadian Blood Services and transfusion services across Canada. Discard of apheresis (single donor) platelets is of particular concern, as these are significantly more costly to produce than pooled platelets. It is believed that hospital practices involving handling of platelets by ABO and Rh group may be contributing to platelet wastage.

To encourage appropriate utilization of platelets by ABO and Rh group, as well as appropriate utilization of apheresis platelet units, the NAC endorses the ICTMG guidelines on platelet transfusion for patients with hypoproliferative anemia (Nahirniak et al. (2015)).

This endorsement was reviewed in December 2023 by the Endorsement Subcommittee. No changes to the endorsement are made, given no updates to the guidelines are currently available. Updates to the guideline are anticipated to occur.

Guideline Citation:

Nahirniak S, Slichter SJ, Tanael S, et al. Guidelines on Platelet Transfusion for Patients with Hypoproliferative Thrombocytopenia. *Trans Med Rev.* 2015 January; 29(1):3-13. Available from: <https://doi.org/10.1016/j.tmr.v.2014.11.004>

ICTMG Webpage Link:

<https://www.ictmg.org/platelets-1>