

# 11<sup>th</sup> WORLD HEMATOLOGY AND ONCOLOGY CONGRESS

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# 47<sup>th</sup> WORLD CONGRESS ON NURSING CARE

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## Preoperative haemoglobin assessment and optimization pathway at the Mater Hospital Brisbane

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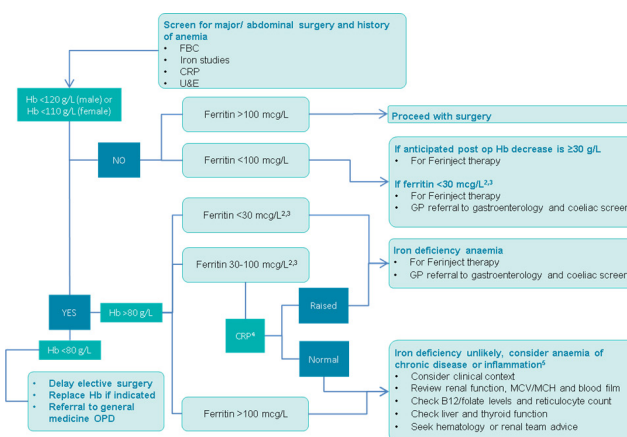
Preoperative anaemia is associated with increased perioperative complication rate in patients undergoing elective surgery. Perioperative blood transfusion is associated with increased morbidity and mortality, even when as little as one unit of packed red blood cells is administered.

Patient blood management is a nation-wide hospital standard requirement. Our hospital has devised a management pathway to reduce post-operative blood produce replacement. The pathway was created to streamline iron replacement therapy in our hospital.

The current pathway has been part of our hospital policy since 2018 and currently we are performing clinical audit to look at the rate of post-operative blood transfusion and the associated transfusion complication before and after the pathway has been in effect.

Also, as part of state-wide hospital standard requirement of blood management, we formed a working party in perioperative blood management to ensure we comply with the required national standard by ensuring all our surgical patient are fully optimized prior to their elective surgery.

In conclusion, we have devised a preoperative hemoglobin assessment and optimization pathway which will require ongoing audit to ensure compliance with national blood management standard.



## Biography

Gus Go is a general and perioperative medicine physician currently practicing at Mater Hospital Brisbane. He is a committee member of the perioperative blood management working party and actively participated in the ongoing clinical governance of Mater Hospital to comply with national blood management standard. He is also an associate lecturer at University of Queensland actively involved with clinical teaching of medical students.

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