

# Post-operative Intravenous Iron to Treat Iron-deficiency Anemia in Patients Undergoing Cardiac Surgery

NCT06287619

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Status	RECRUITING
Phase	Phase 2
Sponsor	University Health Network, Toronto
Enrollment	60 participants

## Key Eligibility Criteria

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### Inclusion (6)

- Patients who are undergoing any non-emergency open cardiac surgery and who meet all following criteria:
- Age greater than 18 years old
- Preoperative iron-deficiency with or without anemia (defined as Hb  $\leq$  130 g/L) with any one of:
  - ferritin  $\leq$  100  $\mu$ g/L; or
  - ferritin  $\leq$  300  $\mu$ g/L and transferrin saturation  $\leq$  20%; or
- ... and 1 more (see full listing online)

### Exclusion (15)

- Patients who meet any of the following criteria are not eligible for the study:
- specialized procedures (e.g., ventricular assist device insertion, thoracoabdominal aneurysm, complex adult congenital surgery and heart transplant)
- established contraindications to IV iron:
- hypersensitivity to the iron product
- history of  $\geq$  2 food and/or drug allergic reactions (excluding drug intolerance)
- ... and 10 more (see full listing online)

## Locations (3 total)

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Kingston Health Sciences Centre, Kingston, Ontario, Canada  
Sunnybrook Health Sciences Centre, Toronto, Ontario, Canada  
Toronto General Hospital - University Health Network, Toronto, Ontario, Canada