

CMH Laboratory

2025 Year In Review

Core Laboratory

In 2025:

- ✓ We collected **66,398** samples
 - This includes **2,118** sets of blood cultures
- ✓ We performed **148,915** tests which includes:
 - **12,374** CBC with auto differential
 - **12,506** Electrolytes
 - **4,935** Troponin
 - **295** blood film reviews
 - ...a whopping total of **469,386** individual component results
- ✓ We called a total of **3,355** critical results
- ✓ Maintained excellent turnaround times (TAT):
 - **92%** of urgent/stat samples collected within 30 minutes
 - **97%** of urgent/stat samples met our designated TAT, from specimen receipt to result in chart
 - ❖ Average of **4** minutes for venous blood gases
- ✓ We implemented new equipment and tests:
 - In-house **Vancomycin** testing
 - Interfaced **ECG** software
 - Replacement **urine toxicology** device
 - New **cytocentrifuge** for body fluid smears
 - New **blood gas analyzers** ('electrolyte backup')
- ✓ Participated in various EQA programs:
 - Reported **599** tests for proficiency testing
 - We had 1 discordant result; that's a **99.8%** success rate!

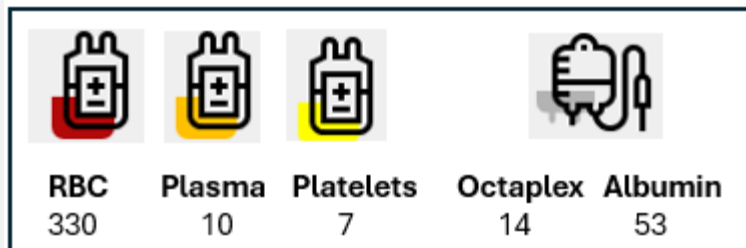
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Transfusion Medicine

In 2025:

- ✓ We collected **368** Type & Screen samples
- ✓ We showed excellent inventory management:
 - We received **394** units of blood from Canadian Blood Services
 - We redistributed **60** units of blood to other facilities to prevent wastage due to expiry
 - We did not waste any blood due to expiry
 - We discarded **1** unit
- ✓ We performed a lot of transfusions:
 - We performed **343** crossmatch tests to determine blood compatibility
 - Our total # of transfusions for the year:



- ✓ Participated in an EQA program:
 - Reported **198** results for Transfusion Medicine
 - We had no discordant results; that's a **100%** success rate!

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Point of Care Testing (POCT)

In 2025:

- ✓ We managed **129** POCT operators in the hospital
- ✓ We performed **7,382** quality control (QC) tests
- ✓ We validated new supplies:
 - a new lot number of test strips
 - a new lot number of QC material
- ✓ We performed a lot of patient testing:
 - **10,698** tests in the IPU and OR
 - **1,543** tests in the ED
 - .. a whopping total of **12,241** POCT glucose results
- ✓ Participated in an EQA program:
 - Reported **42** results for POCT Glucose
 - We had no discordant results; that's a **100%** success rate!

Outpatient Laboratory

In 2025:

- ✓ We facilitated testing for **15,598** lab requisitions from patients in the community
- ✓ We performed **334** Holter Monitor tests
- ✓ We implemented **new scheduling software** which allows for online self-scheduling!