

**WHY IS BLOOD
MANAGEMENT
NECESSARY?**

*Improves patient safety
by reducing the need for
transfusion thereby
reducing risk associated
with transfusions.*

*Improves patient
outcomes by reducing
complications and
improving recovery
times.*

*Ensures blood is available
for patients who need it
by reducing demand on
the blood supply.*

*Supports fiscally
responsible health care.*



**WRHA Blood
Management Service**

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BLOOD 
MANAGEMENT SERVICE

**Blood
Management
Service**



*Enhancing patient care.
Supporting quality improvement.*



Winnipeg Regional
Health Authority
Caring for Health

Office régional de la
santé de Winnipeg
À l'écoute de notre santé



What is Blood Management?

Blood Management is a multidisciplinary approach to patient care that encompasses all aspects of patient evaluation and clinical management surrounding transfusion of blood and blood products.

Our service goals are:

To enhance patient care and patient satisfaction through blood & blood alternatives education.

To provide a process whereby patients are informed and appropriate alternatives are implemented.

To promote adherence to established transfusion medicine guidelines.

To decrease the demand on the blood supply.

Patients are referred by surgeon/primary care provider, preoperative assessment teams and self-referral. Blood Management Service evaluates patients for appropriate alternatives and provides education to patient, family and health care team. Coordination of conservation strategies is performed by nurses and communicated to health care team.

THE HISTORY OF BLOOD MANAGEMENT?

Blood Management emerged as a specialty service in Anesthesia and Surgery in the late 1990's following the 'Tainted Blood Scandal' in Canada. Justice Krever made several key recommendations:

1. Patients should be made aware of the benefits, risks and alternatives to blood transfusion.
2. These discussions should occur well before a transfusion so that the patients has time to make an informed decision and have timely access to alternatives.

Blood Conservation Service has been available to Winnipeg patients since the mid 1990's.

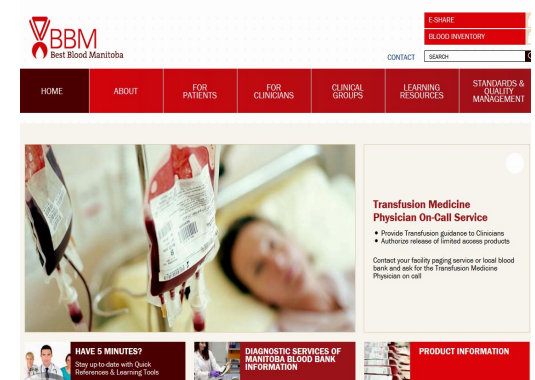
WHO COULD BENEFIT FROM BLOOD MANAGEMENT?

All patients can benefit from blood management, especially elective surgical patients who:

- will have an expected high-blood-loss procedure
- have pre-operative anemia
- have low blood volumes (i.e. small in size)
- are difficult to obtain compatible blood for, or
- have objections to transfusion

WHAT ROLES DO OTHER HEALTH CARE TEAM MEMBERS PLAY?

- ◇ Primary Care Providers are responsible for anemia recognition and management.
- ◇ Surgeons are responsible for special surgical techniques to reduce blood loss.
- ◇ Anesthesiologists are responsible for specialized peri-operative techniques that reduce blood loss and administering blood intra-operatively.
- ◇ Nurses, pharmacists, therapists and office assistants provide supportive care.
- ◇ Canadian Blood Services (CBS) collects, screens, and performs pre-transfusion testing and supplies blood.
- ◇ Diagnostic Services Manitoba (DSM) oversees transfusion medicine and distribution of all blood products.
- ◇ The Blood Management Service team collaborates with all of these members to provide patients with optimal care.



*BBM website is the collaboration of
BMS, CBS and DSM*