

At the internationally renowned Institute for Patient Blood Management & Bloodless Medicine and Surgery, compassionate, world-class medical care is delivered in a state-of-the-art facility.

### Our Mission

Improve outcomes through optimal patient blood management.

### Our Expertise

Since its inception in 1994, the Institute for Patient Blood Management & Bloodless Medicine and Surgery at Englewood Hospital and Medical Center has established itself as a world-recognized leader in patient blood management.

Physicians from every discipline have been specially trained to practice bloodless medicine and surgery at Englewood Hospital and Medical Center. Tens of thousands of patients from the United States and abroad have come here to receive medical treatment and undergo highly complex procedures such as brain, open-heart, orthopedic and gastrointestinal surgeries without blood transfusions.

Medical professionals from leading institutions across the nation and throughout the world have come to Englewood Hospital and Medical Center to learn how our physicians use proven, effective technologies to improve patient outcomes. The U.S. government as well as governments of multiple countries have consulted with us to learn how to apply patient blood management techniques in dealing with catastrophic situations where blood is an issue.

To reach the Institute for Patient Blood Management & Bloodless Medicine and Surgery, call 888-766-2566 or visit [BloodlessMed.org](http://BloodlessMed.org).



**ENGLEWOOD**  
HOSPITAL AND MEDICAL CENTER

Your hospital for life.

The Institute for Patient Blood Management  
& Bloodless Medicine and Surgery

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[BloodlessMed.org](http://BloodlessMed.org)

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# Patient Blood Management & Bloodless Medicine and Surgery

Driving Innovation, Opening Minds, Honoring Life



**ENGLEWOOD**  
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### Patient Blood Management

The Institute for Patient Blood Management & Bloodless Medicine and Surgery at Englewood Hospital and Medical Center is proud to offer a progressive approach to blood management to all patients in our care. Our safe and effective transfusion-free medical and surgical techniques reduce the risks of blood transfusions, improve patient outcomes, and respect the needs of patients for whom blood transfusion is not an option.

### Frequently Asked Questions

#### What is patient blood management?

Patient blood management is the use of safe and effective medical and surgical techniques aimed at conserving a patient's own blood and minimizing or avoiding the need for the transfusion of donor blood components.

#### Why do patients choose bloodless care?

Many people object to receiving blood or blood products as part of their medical treatment. Many, such as Jehovah's Witnesses, object due to religious beliefs, while others do so as a result of healthcare concerns, knowledge of potential complications, or other personal convictions.

#### What are the medical benefits of patient blood management?

There is strong scientific evidence that overall, patients who avoid transfusions have fewer complications, faster recoveries, and shorter hospital stays. Benefits of patient blood management include:

- Lower rates of the most serious postoperative complications, including heart attack, stroke, and infections
- Decreased risk of immunological complications and allergic reactions
- Less exposure to blood-borne viruses and infections
- No risk of receiving the wrong blood type

#### How do patient blood management and bloodless surgery work?

Patient blood management and bloodless surgery involve a combination of medical and surgical techniques, as well as technology and strategies to decrease blood loss and enhance a patient's own blood supply.

#### I am having surgery. What can I expect?

At Englewood Hospital and Medical Center, patient blood management is a hospital-wide effort. Physicians, nurses, and every other member of the healthcare team work together to assess and address each patient's blood management needs.

- **Before Surgery:** Based on the results of a patient's blood test, doctors may recommend a regimen of medications and dietary supplements to ensure optimal levels of hemoglobin (an oxygen-carrying protein in red blood cells).
- **After Surgery:** Blood loss will be minimized and blood production enhanced through medication, technology, and by reducing the amount of blood testing.

#### How can I be sure I receive bloodless care?

Our clinical team has agreed to provide bloodless (transfusion-free) medicine and surgery to patients who request it. Specially trained, compassionate coordinators at the Institute for Patient Blood Management & Bloodless Medicine and Surgery provide patients with information and counseling on bloodless care and assist them in completing appropriate documents. Individuals are then identified as "bloodless patients" throughout their hospital stay, allowing physicians, nurses, and other members of the healthcare team to honor their request.

- **Minimally Invasive Surgery & Meticulous Surgical Techniques:** Surgical instruments and techniques specially designed to minimize blood loss by using the smallest or most efficient incisions
- **Blood Salvage:** Devices that recycle a patient's own blood that is lost during or after surgery, collects it, cleans it, and returns it to the patient
- **Oximetry:** Tracks how well a patient's blood cells are carrying oxygen
- **Argon Beam Coagulator:** Coagulates or clots blood during surgery to minimize blood loss
- **Hemostatic Drug Therapy:** Medications that assist with the clotting functions of blood
- **Volume Expanders and Hemodilution:** Enhance the circulation of a patient's own blood via intravenous fluids
- **Erythropoietin:** Stimulates bone marrow to produce more red blood cells
- **Harmonic Scalpel:** A scalpel that employs vibration and friction to cut and cause blood clotting at virtually the same time
- **Electrocautery:** Uses heat to stop vessels from bleeding

▼ Dr. Samuel Suede, Englewood Hospital and Medical Center cardiologist

