



Kadlec Medical Center

Bloodless Medicine & Surgery Program
888 Swift Blvd.
Richland, WA 99352

Phone: 509-942-2817
Johnean Hansen, Coordinator

www.kadlecmed.org

ADDRESS SERVICE REQUESTED

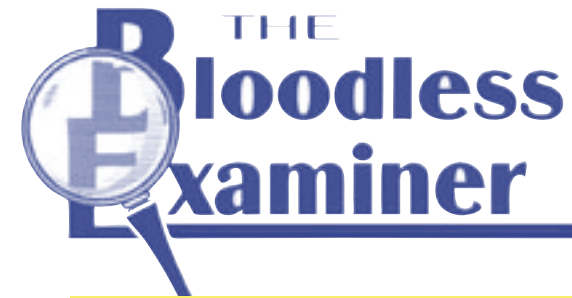
NEED A PHYSICIAN?

If you need a physician referral, please call the program coordinator, Johnean Hansen at (509) 942-2817 or 1-800-780-6067 ext. 2817.

If you are looking for the Bloodless Medicine program office, it is located at the Kadlec Medical Center campus, second floor of the new North Addition in Quality Care Management.

**Next Issue:
AMAZING
PLATELETS!**

PRSR STD
US POSTAGE
PAID
PASCO, WA
Permit No. 361



Kadlec Medical Center
Bloodless Medicine & Surgery Program

Winter 2004

Glancing Back & Looking Forward

When William Stanesby from Sherwood Park, Alberta Canada needed to have hip-replacement surgery, he was given the names of several hospitals in the United States with Bloodless Programs through his local Hospital Liaison Committee for Jehovah's Witnesses. He made the decision to come to Kadlec based on the location and the rapid response and consideration he received when he called the program.

Word of good service traveled to Margo Price in Cochrane, Alberta where she had been put on a waiting list for about 1 1/2 years to have her surgery in Canada.

When Margo called the Bloodless Program at Kadlec she was amazed at the rapid response she received from Financial Services and the Orthopedic Surgeon to arrange for her surgery. She was amazed at the personal interest she was shown when her surgeon called her a month before the surgery and told her how she could help prepare her body physically with iron supplements. This really helped her to have confidence in him as a surgeon.

She arrived with her daughter-in-law at Pasco airport on Monday. She was seen by the Orthopedic Surgeon, had Pre-op and Joint Clinic on Tuesday, and was in the operating room on Wednesday. Margo couldn't believe how on top of things everyone was and appreciated that the arrangements were made to accommodate her as she had traveled so far.

Margo also appreciated the "awesome food service" and the respect and dignity with which she was treated in regard to her decision about Blood Transfusion. She said that once you receive the education from the Bloodless Program Coordinator and sign the Informed Consent/Release nobody gives you a hard time. She also appreciated that she was clearly identified with the Bloodless Program Identification Band and her chart was clearly marked with the "No Blood" stickers.

After returning home she hopes to be able to help someone else (who happens to be a close relative) access the program here.



All Our Best!

Find us on the web: kadlecmed.org



Amazing Hemoglobin

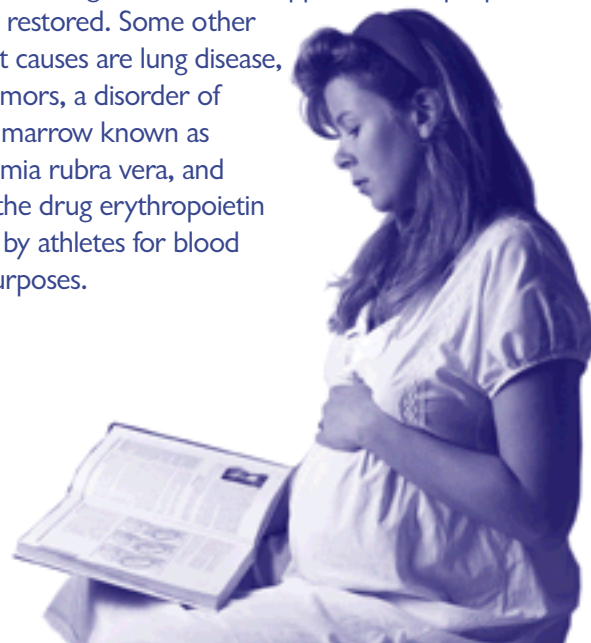
Hemoglobin composition is the same in all people, even though we have different blood types. The red cell is made up of two parts. The hemoglobin is in solution inside the cell. A membrane that holds in the hemoglobin surrounds the cell. An illustration is a rubber water balloon. The rubber is likened to the membrane and the water the hemoglobin. The blood types most of us know, A,B,O and Rh, are properties of the membrane. The hemoglobin inside the red cells of a person with type O blood and one with type A are identical. This would be like red and blue water balloons where the color is different, but the material inside (water) would be the same.

Hemoglobin is a protein that picks up oxygen in the lungs and delivers it to the peripheral tissues to maintain viability of cells. Oxyhemoglobin is a loose bond formed when the oxygen crosses the lungs. Hemoglobin saturation with oxygen is approximately 95% in arterial blood. Oxygen saturation is frequently measured as part of your vital signs if you have been in the hospital. Iron is needed to bind oxygen and if iron is lacking, only small amounts of hemoglobin will be available in the cell.

There are two types of normal hemoglobin. One is **Fetal**, which is predominant in the fetus from the third through the ninth month of gestation. It facilitates the transfer of oxygen across the placenta, and is replaced within six months of life with **Adult** hemoglobin.

A low hemoglobin is referred to as being anemic. There are many reasons for anemia. Some of the more common reasons are loss of blood (traumatic injury, surgery), nutritional deficiency (iron, folate), bone marrow problems (replacement of bone marrow by suppression by chemotherapy drugs, and abnormal hemoglobin.

Higher than normal hemoglobin levels can be seen in people living at high altitudes and in smokers. Dehydration produces falsely high hemoglobin, which disappears when proper fluid balance is restored. Some other infrequent causes are lung disease, certain tumors, a disorder of the bone marrow known as polycythemia rubra vera, and abuse of the drug erythropoietin (Epogen) by athletes for blood doping purposes.



Kadlec Joins Prestigious Planetree Organization

(from www.kadlecmed.org)

Kadlec Medical Center is pleased to announce its affiliation with Planetree—the non-profit, international organization dedicated to demystifying, humanizing and personalizing the health care experience for patients and families. Kadlec is the 86th hospital to join with Planetree.

The Planetree philosophy embodies the holistic, patient-centered care model, which is increasingly evident at health organizations across the country. It changes the way patients and their families traditionally experience health care and is committed to improving the medical care from the patient's perspective. Patients and families are empowered and have access to information so they can become more active participants in decisions affecting their health and well being.

Kadlec is only the second hospital in the state of Washington to join Planetree. For more information about Planetree and its affiliates, visit www.planetree.org.



PLANETREE

*Creating patient-centered care
in healing environments*

Blood LOSS

There are many causes of blood loss. Accidents, surgery, childbirth, stomach ulcers and blood vessel rupture can cause a **sudden loss of blood**.

Large, rapid blood loss can cause severe complications or death. The effects of blood loss depend on a person's general state of health, body size, gender (women generally have a higher risk due to smaller blood volumes) and medications or herbs (blood thinners can increase the risk of bleeding.). The more blood is lost, and the faster it is lost, the more severe the symptoms and complications.

Symptoms of blood loss include:

- Bleeding from a break in the skin
- Bleeding from the vagina (unexpectedly, or much more than expected)
- Blood in the stool (stool may be black and tarry or red)
- Blood in the urine (urine may be pink, red, or brownish in color)
- Bleeding from the mouth
- Vomiting blood or material that looks like coffee grounds
- Bruising (blood under the skin)
- Dizziness, weakness, or confusion
- Trouble breathing
- Fast, weak pulse
- Paleness
- Cool, clammy skin
- Abdominal pain or swelling (symptoms of internal bleeding)

Treatments for Blood Loss

Treatment of blood loss focuses on stopping the bleeding and treating the effects of blood loss. Treatment for the effects of blood loss depends on how much blood was lost, how quickly it was lost, and the person's medical conditions, medications, and sometimes-religious beliefs. When receiving health care, a person must be informed and agree to a treatment before treatment can be given. Patients can make decisions about their treatment after weighing risks and benefits of their options. This is called **informed consent**. Any "competent" patient (one who has the mental capacity to make their own treatment decisions, including an understanding of what may happen if they do not accept the suggested treatment) may refuse a treatment that a doctor recommends, including blood transfusion.

Accidents, surgery, childbirth, stomach ulcers and blood vessel rupture can cause a sudden loss of blood.



Advance Directive Workshop

When: **Saturday, January 15, 2005**

Where: **Kadlec Medical Center
888 Swift Blvd. Richland
Columbia I & II Rooms
North Wing, Third Floor**

Time: **6:00-8:00 p.m.**

Call: **800-780-6067, ext. 2817
or 942-2817**

Reservations required - Class size limited to 30 people. Light meal provided

