- It is made from frozen plasma through a process that leaves only cryoprecipitate.
- Plasma is transfused to burn patients and patients suffering from antibodies as it circulates throughout the body.

**Plasma**
- Plasma is the liquid portion of the blood in which red cells, white cells, and platelets are suspended.
- It carries clotting factors, electrolytes, nutrients, hormones, and antibodies as it circulates throughout the body.
- Plasma’s transfusion is used in the treatment of von Willebrand’s disease and to replace fibrinogen.
- It is made from frozen plasma that is processed into plasma that leaves only Factor VIII, fibrinogen and von Willebrand factor.

**Cryoprecipitate**
- Cryoprecipitate is a specialty product that is made and used in the treatment of von Willebrand’s disease and to replace fibrinogen.
- It is made from frozen plasma that is processed to remove platelets, leukocytes, platelet components, and red cells.
What is in my blood?

Blood is composed of plasma and cellular components (white blood cells, red blood cells, and platelets). The percentage of red cells is your blood’s greatest need because the hematocrit test that is done prior to donation. In order to donate whole blood, your hematocrit must be at least 50% and to donate double red cells, your hematocrit must be at least 45%.

Plasma substances and water (almost 55 percent)

Red blood cells and platelets (less than 0.5 percent)

Example of Blood Use

<table>
<thead>
<tr>
<th>Blood Group</th>
<th>Average Number of Units Used</th>
</tr>
</thead>
<tbody>
<tr>
<td>Severe Automobile Accident</td>
<td>50 units of blood</td>
</tr>
<tr>
<td>Heart Surgery</td>
<td>6 units of blood, 6 units of platelets</td>
</tr>
<tr>
<td>Organ Transplant</td>
<td>40 units of blood, 20 units of platelets, 20 units of cryoprecipitate, 25 units of frozen plasma</td>
</tr>
<tr>
<td>Bone Marrow Transplant</td>
<td>120 units of platelets, 20 units of blood</td>
</tr>
<tr>
<td>Average Transfusion Event</td>
<td>3.4 units of blood</td>
</tr>
</tbody>
</table>

What is the rarest blood type?

The rarest blood type is the one NOT on the shelf when it is needed. Therefore, we need blood donors of ALL blood types to make regular donations so that we can ensure a safe and adequate blood supply for the communities we serve.

Who does Hoxworth serve?

When you donate with Hoxworth Blood Center, you are helping patients in need of blood and blood components at 32 hospitals and medical centers in the Tri-State.

DOWNTOWN

ANDERSON

FT. MITCHELL

MASON

9170 Anderson Mill Road
513-451-0010 or 866-450-1091
www.hoxworth.org

To find a community blood drive near you or to schedule online, visit www.hoxworth.org.

513-451-0910

To schedule an appointment to donate at one of these centers, call

You need to be 17 years old (16 years with parental consent), weigh at least 110 pounds and generally feel healthy and well to donate.

Where can I donate?

Hoxworth Blood Center has eight conveniently located neighborhood donor centers.

Blood is composed of plasma and cellular components (white blood cells, red blood cells, and platelets). The percentage of red cells is your blood’s greatest need because the hematocrit test that is done prior to donation. In order to donate whole blood, your hematocrit must be at least 50% and to donate double red cells, your hematocrit must be at least 45%.

Plasma substances and water (almost 55 percent)

Red blood cells and platelets (less than 0.5 percent)

What is the rarest blood type?

The rarest blood type is the one NOT on the shelf when it is needed. Therefore, we need blood donors of ALL blood types to make regular donations so that we can ensure a safe and adequate blood supply for the communities we serve.

Who does Hoxworth serve?

When you donate with Hoxworth Blood Center, you are helping patients in need of blood and blood components at 32 hospitals and medical centers in the Tri-State.

DOWNTOWN

ANDERSON

FT. MITCHELL

MASON

9170 Anderson Mill Road
513-451-0010 or 866-450-1091
www.hoxworth.org

To find a community blood drive near you or to schedule online, visit www.hoxworth.org.

513-451-0910

To schedule an appointment to donate at one of these centers, call

You need to be 17 years old (16 years with parental consent), weigh at least 110 pounds and generally feel healthy and well to donate.

Where can I donate?

Hoxworth Blood Center has eight conveniently located neighborhood donor centers.

Blood is composed of plasma and cellular components (white blood cells, red blood cells, and platelets). The percentage of red cells is your blood’s greatest need because the hematocrit test that is done prior to donation. In order to donate whole blood, your hematocrit must be at least 50% and to donate double red cells, your hematocrit must be at least 45%.