

# Coastal Bend Blood Center

# Quick Facts:

## Blood Trivia

### Did you know...

- Every three seconds someone needs blood.
- One pint of blood can help save as many as three lives.
- Less than 5% of the population donates blood.
- If all blood donors gave two to four times a year it would help prevent blood shortages.
- There are over a million red blood cells in a single drop of blood.
- Blood makes up about 7% of a person's weight.
- The average adult has 10 pints of blood in his or her body; a newborn baby has about one cup.
- January is National Volunteer Blood Donor month.
- A drop of blood takes roughly 20 to 60 seconds to travel away from the heart and back again.
- The first "modern" transfusion was performed by English obstetrician James Blundell in 1818.
- Blood can be separated into three main components: red blood cells, platelets and plasma.
- Donated red blood cells must be used within 42 days of collection; platelets must be used within five days of collection; plasma can be frozen and must be used within one year.

### BLOOD COMPONENT USE                      AVERAGE UNITS

Automobile Accident	Up to 50 units of blood
Bone Marrow Transplant	20 units of blood
	120 units of platelets
Burn Victim	20 units of platelets
Heart Surgery	6 units of blood
Organ Transplant	40 units of blood
	30 units of platelets
	20 bags of cryoprecipitate
	25 units of fresh frozen plasma

### YOU CAN RECEIVE

	O-	O+	B-	B+	A-	A+	AB-	AB+
IF YOU ARE								
AB+	●	●	●	●	●	●	●	●
AB-	●		●		●		●	
A+	●	●			●	●		
A-	●				●			
B+	●	●	●	●				
B-	●		●					
O+	●	●						
O-	●							

For more information

Call the Coastal Bend Blood Center at 1-800-299-4943 or visit our website at [www.coastalbendbloodcenter.org](http://www.coastalbendbloodcenter.org)