

a  
sponder

Share  
locyte  
tion

DANS LE CAS D'UNE UTILISATION  
ORIENTER LE DIFFUSEUR VERS L'AVANT  
POSER. POUR REMPLACER LA BULBILLO  
COURANT. CONSULTER LE FEUILLETON  
MAX. 25 WATTS TYPE B214



LifeShare. It's About Life.

www.LifeShare.cc  
A 501 (c) (3) Charity  
Administration: 440.322.5700  
Granulocyte Hotline: 440.322.7150 or  
Toll Free: 800.317.5412 ext. 132  
Administrative Office:  
105 Cleveland Street, Elyria, Ohio, 44035

Be  
First Re

Life  
Granu  
Dona

# Haematology



When a patient needs a granulocyte (gran yeh lo site), the LifeShare staff shifts into emergency overdrive.

The concentrated white cell donation, or series of donations, is called for when every form of antibiotic therapy has failed and generally either the patient's life or an appendage is immediately at stake.

The urgency of the clinical situation and fragility of the cellular matter require the granulocyte be transfused into the patient immediately after donation. The patient is infused slowly over two- to four-hours.

Formed in the bone marrow, granulocytes are defined on the basis of their granular appearance on microscopic examination after application of a stain.

Granulocytes are collected through a process called pheresis (fur-ee-sis) which comes from a Greek word meaning to take away or to separate.

When you donate whole blood to LifeShare, your gift is separated into four components: red cells, platelets, plasma, and cryoprecipitate. Each meets a different and very important medical need.



When you make an apheresis donation, you give only one part of the blood, most often platelets, but sometimes in the case of a patient-specific emergency, granulocytes are immediately essential to preserve the life of a child or adult.

## Volunteer Station



Donors for this emergency, patient-specific product are very difficult to identify. Donations must be compatible by blood type and RH factor. In most cases the attending physician also requires a donor who is cytomegalovirus (CMV) negative.

The donation process for granulocytes is similar to donating platelets. The same cell separating machine is used, but the procedure time is longer and can take up to 135 minutes.

LifeShare is the only source of granulocytes to all of Northern Ohio. The Blood Center also provides the first donor in a patient's series with a teddy bear and a card to personalize. The gift and personal well-wishes are sent to the patient along with the emergency white cell donation.

**If you are willing to be placed on our First Responders List to save a person whose life is immediately at stake, please call 440.322.7150 or toll free 800.317.5412 ext. 132.**



**LifeShare. It's About *Life*.**