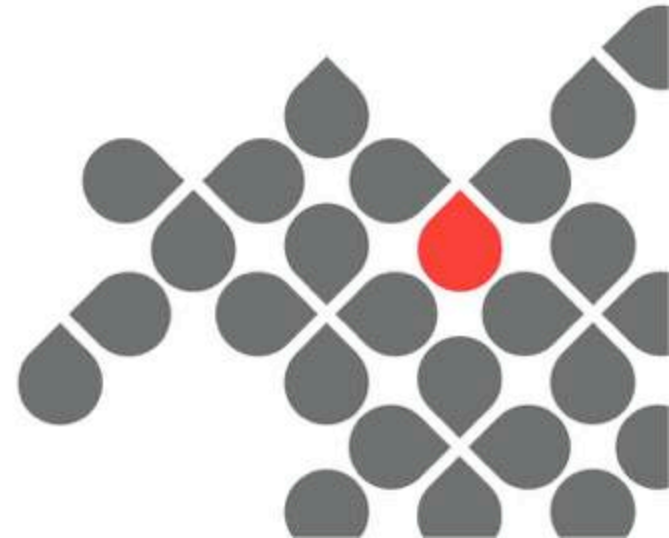


Getting to Know Each Other



Why?



55% of blood components used in the Portland area



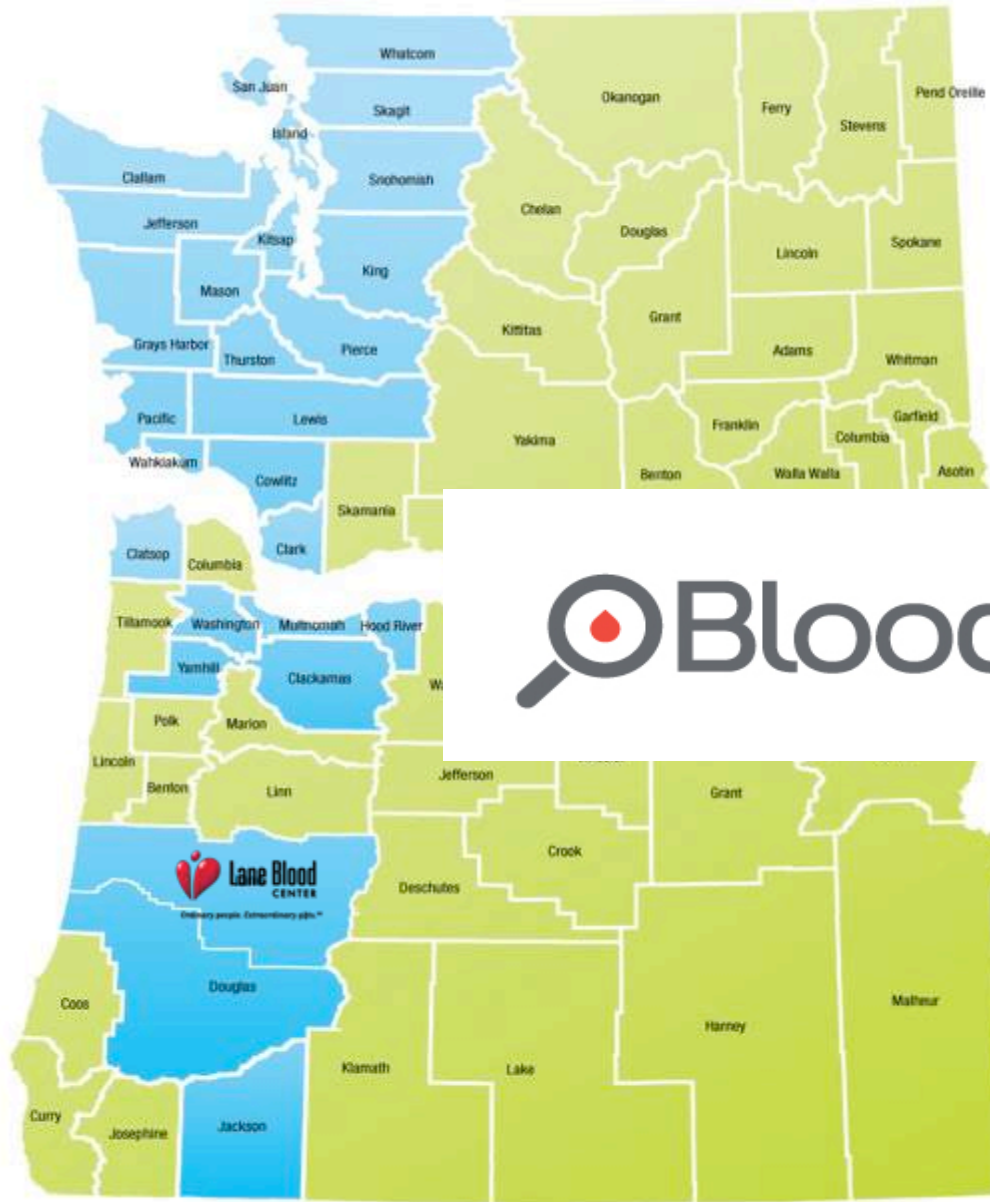
Who are we?

900
employees
across
17 locations



3000
volunteers
donating
over 100,000
hours
annually





 **Bloodworks**
Northwest

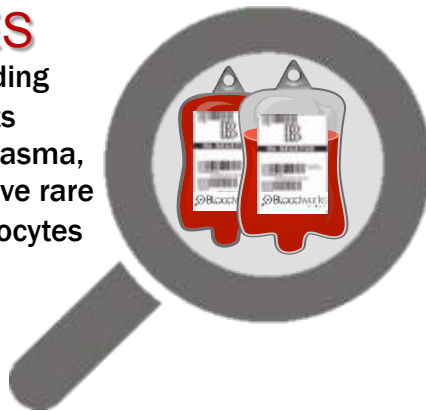
Serving 90 hospitals with over 300,000 blood components annually.

BLOOD SERVICES

Routine Blood Products including
Pre-storage Pooled Platelets
Special Blood Products: liquid plasma,
low titer products, antigen negative rare
units, matched platelets, granulocytes



Volunteer
service



 **Bloodworks**
Northwest

LABORATORY SERVICES

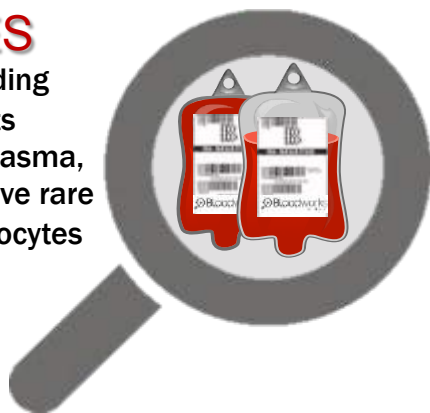
Transfusion Service Testing
Advanced Immunohematology
RBC and Hemostasis Genomic Testing
Platelet Testing
Special Coagulation
Donor Testing



PLATELET THERAPY
HPC, Apheresis
Cell Processing
Cord Blood Bank
NMDP

BLOOD SERVICES

Routine Blood Products including
Pre-storage Pooled Platelets
Special Blood Products: liquid plasma,
low titer products, antigen negative rare
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LABORATORY SERVICES

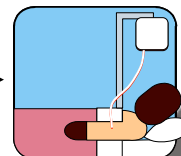
Transfusion Service Testing
Advanced Immunohematology
RBC and Hemostasis Genomic Testing
Platelet Testing
Special Coagulation
Donor Testing
Immunogenetics Testing



→ ~2 ounces
of blood →

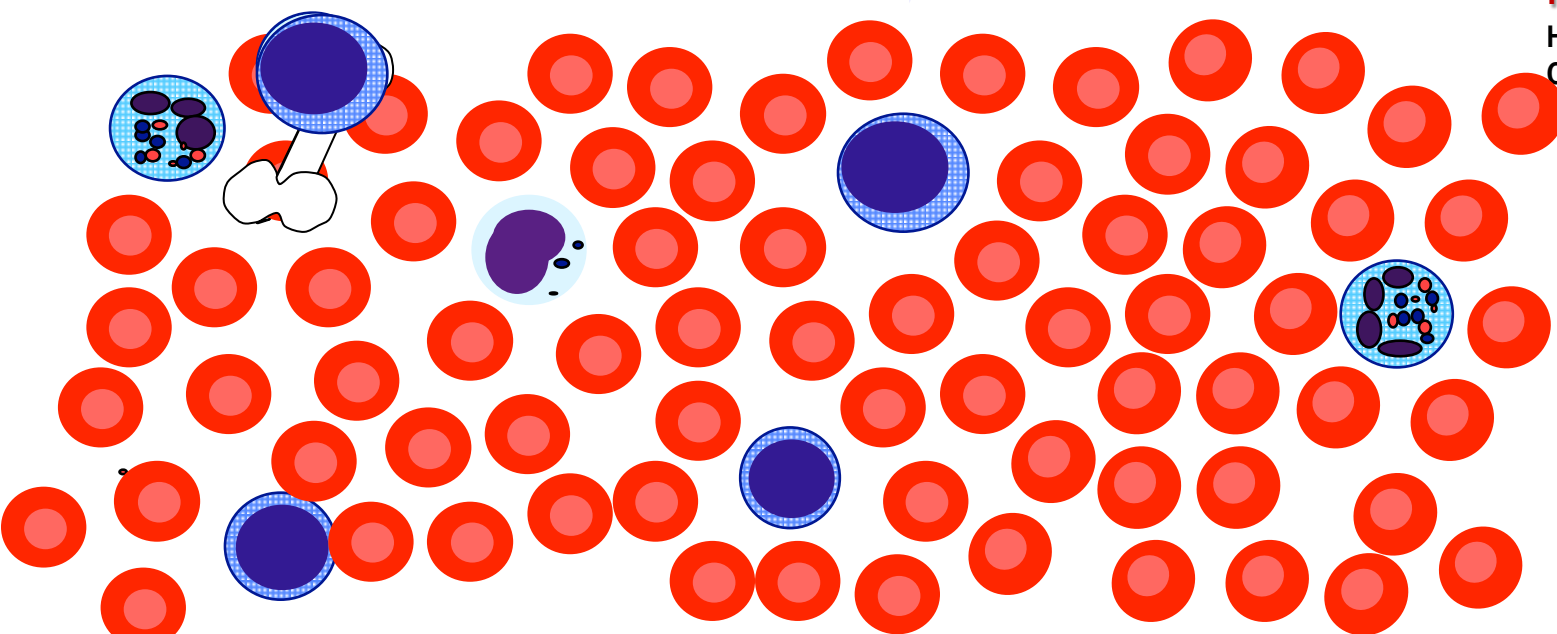


TISSUE
TYPE
MATCHING



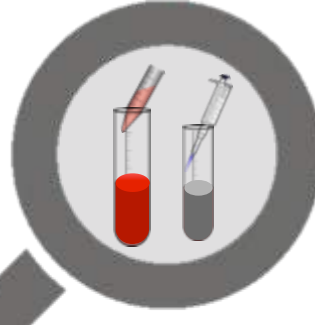
CELLULAR THERAPY

HPC, Apheresis
Cell Processing
cord Blood Bank
NMDP



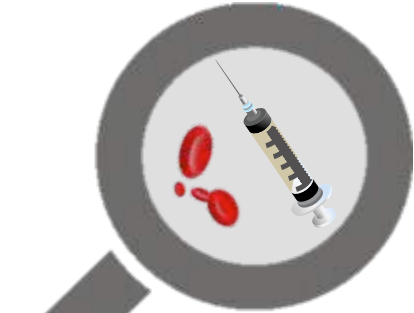
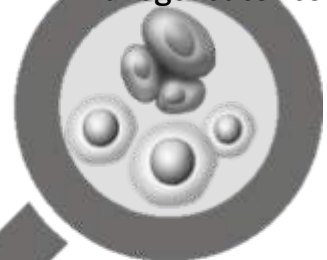
BLOOD SERVICES

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LABORATORY SERVICES

Transfusion Service Testing
Advanced Immunohematology
RBC and Hemostasis Genomic Testing
Platelet Testing
Special Coagulation
Donor Testing
Immunogenetics Testing



CLINICAL SERVICES

Therapeutic Apheresis
Treatment Center for Bleeding Disorders
Therapeutic Phlebotomy
Transfusion



CELLULAR THERAPY

HPC, Apheresis
Cell Processing
Blood Bank
P



TRANSFUSION MEDICINE

Patient Blood Management
Transfusion Services
Medical Consultation

Hematologist

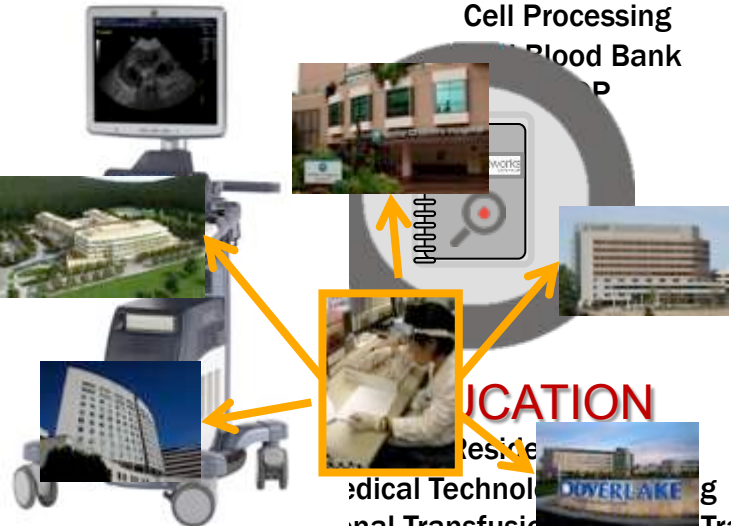
Pharmacy

Research



Basic Science Res
Clinical and Translations

Nursing
ic
pi



EDUCATION

Medical Technol
onal Transfusion medicine Training
Other Education

Research: New Knowledge, New Solutions



“We still don’t know all the uses of blood.”

- October, 1944



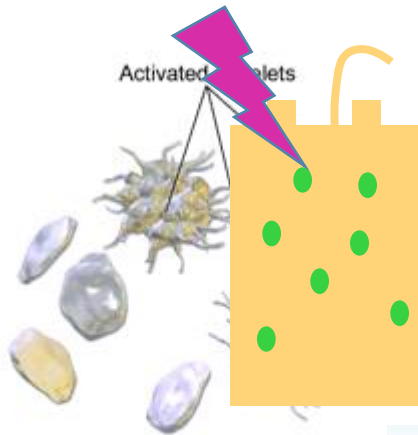
1957

Research: New Knowledge, New Solutions

Improving blood collection and storage

Platelets

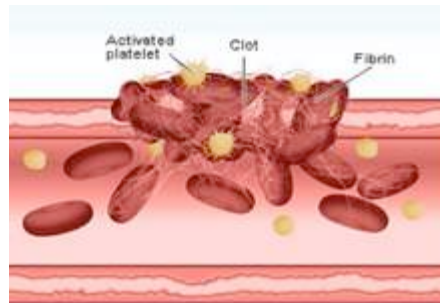
- Viability and function → Bone marrow transplantation
- Extended storage
- Remote/military use
- Pathogen inactivation



Platelets



++~~5~~ days



Research: New Knowledge, New Solutions

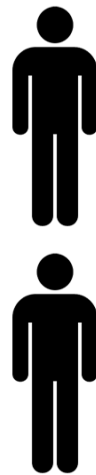
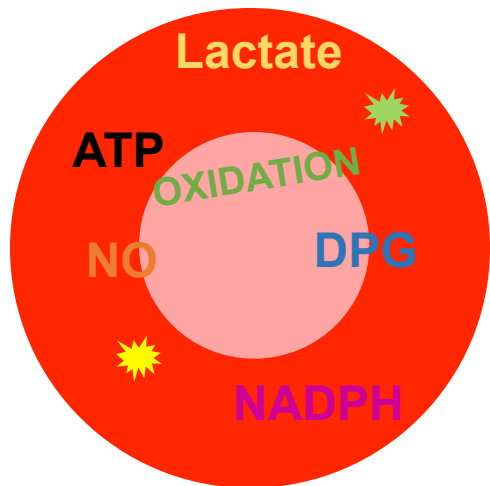
Improving blood collection and storage

Platelets

- Viability and function → Bone marrow transplantation
- Extended storage
- Remote/military use
- Pathogen inactivation

Red Blood Cells

- Metabolism during storage
- What makes a “good” donor?



Research: New Knowledge, New Solutions

Improving blood collection and storage

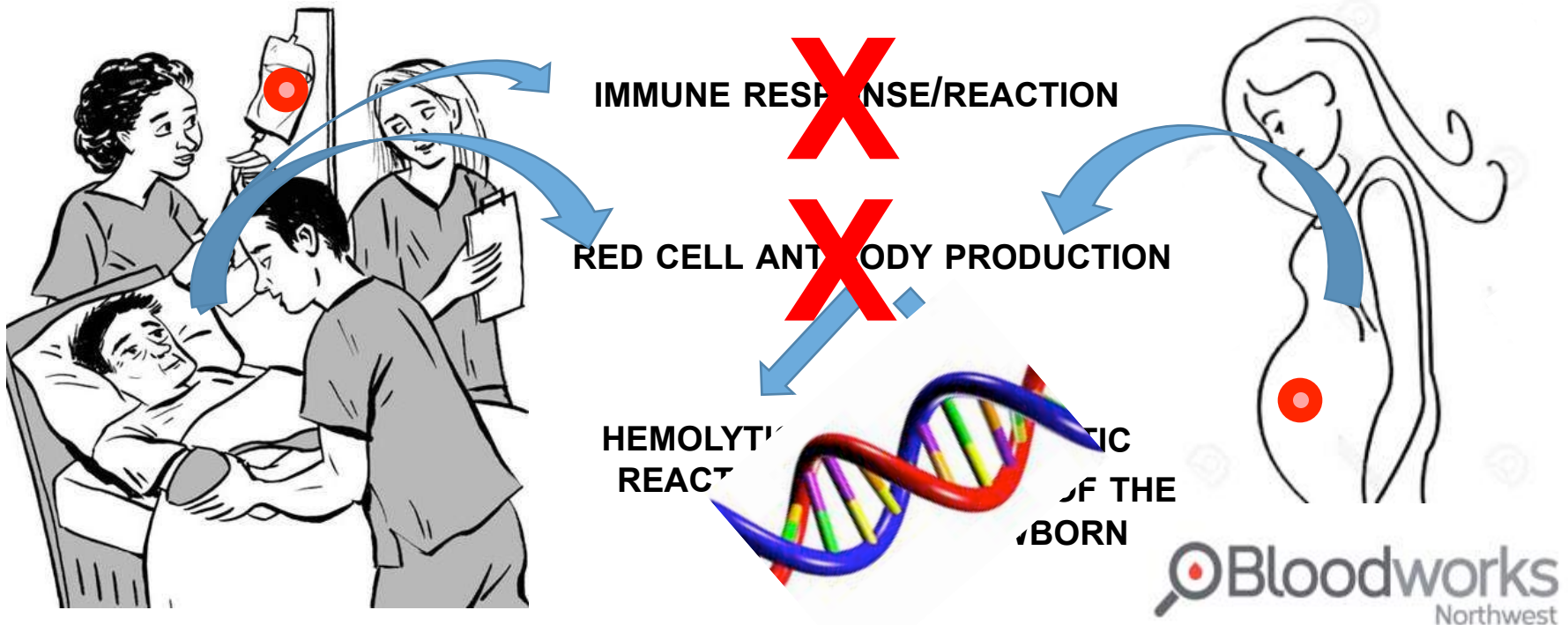
Platelets

Red Blood Cells

Reducing transfusion complications

Identifying and blocking immunologic responses

Expanding knowledge of blood groups through genomics



Research: New Knowledge, New Solutions

Improving blood collection and storage

Platelets

Red Blood Cells

Reducing transfusion complications

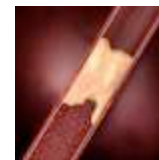
Making bleeding disorders irrelevant

Hemophilia: Genotyping → Appropriate therapy

von Willebrand Disease: Understanding genetic differences

Pregnancy: Saving two lives at once

Trauma: Why doesn't blood clot?



Research: New Knowledge, New Solutions

Improving blood collection and storage

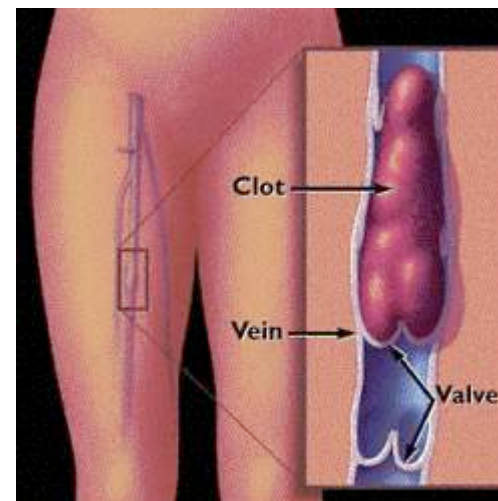
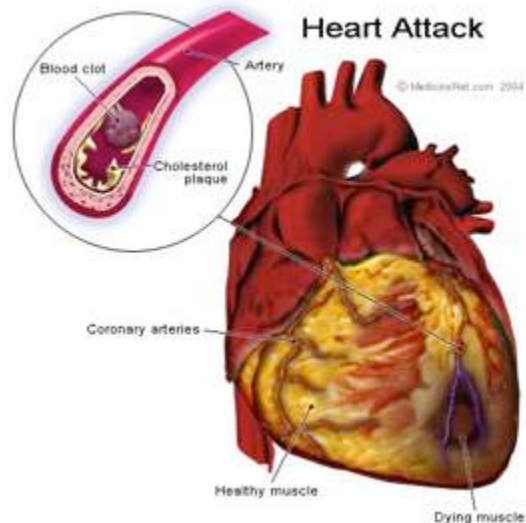
Platelets

Red Blood Cells

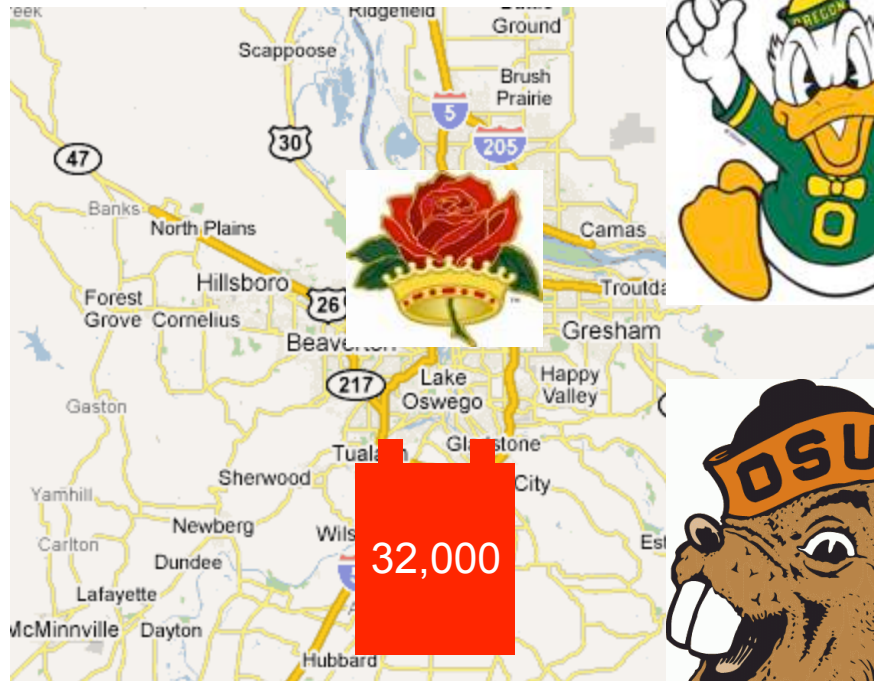
Reducing transfusion complications

Making bleeding disorders irrelevant

Stopping the #1 killer: Thrombosis



The Problem



Be Part of the Solution!

Heart Walk – Portland International Raceway – May 21

**Clackamas Community College - May 23rd and 24th
Gregory Forum building, close the center of the campus**

**Providence St. Vincent – May 26th
9205 SW Barnes Road, Portland
In front of the Souther Auditorium - by the main doors of the East Pavilion**

**Providence Portland – June 8th
4805 NE Glisan St, Portland - Social Room**

**Legacy Meridian Park – June 30th
19300 SW 65th Ave, Tualatin - Education Center Auditorium**



Advancing health, shaping the future of transfusion and transplantation medicine.

Saving lives, through research, innovation, education and excellence in blood, medical and laboratory services, in partnership with our community.



... because blood works miracles every day!

Please support your community.