

REGIONAL WHOLE BLOOD PROGRAM MANAGER

GETAC Prehospital Whole
Blood Task Force

and



AGENDA



Background



Standards



Program
Design



The Rules

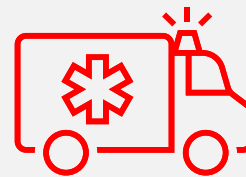


NOW WHAT?

Product Program



System of Care



THE
PREHOSPITAL
WHOLE BLOOD
SYSTEM OF
CARE MANAGER



HERDING CATS

There's no feeling in the world like it

WHAT THE WBPM DOES



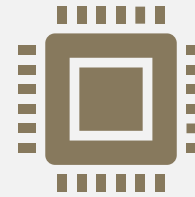
Strategic
(build
system)



Operational
(keep it
running)

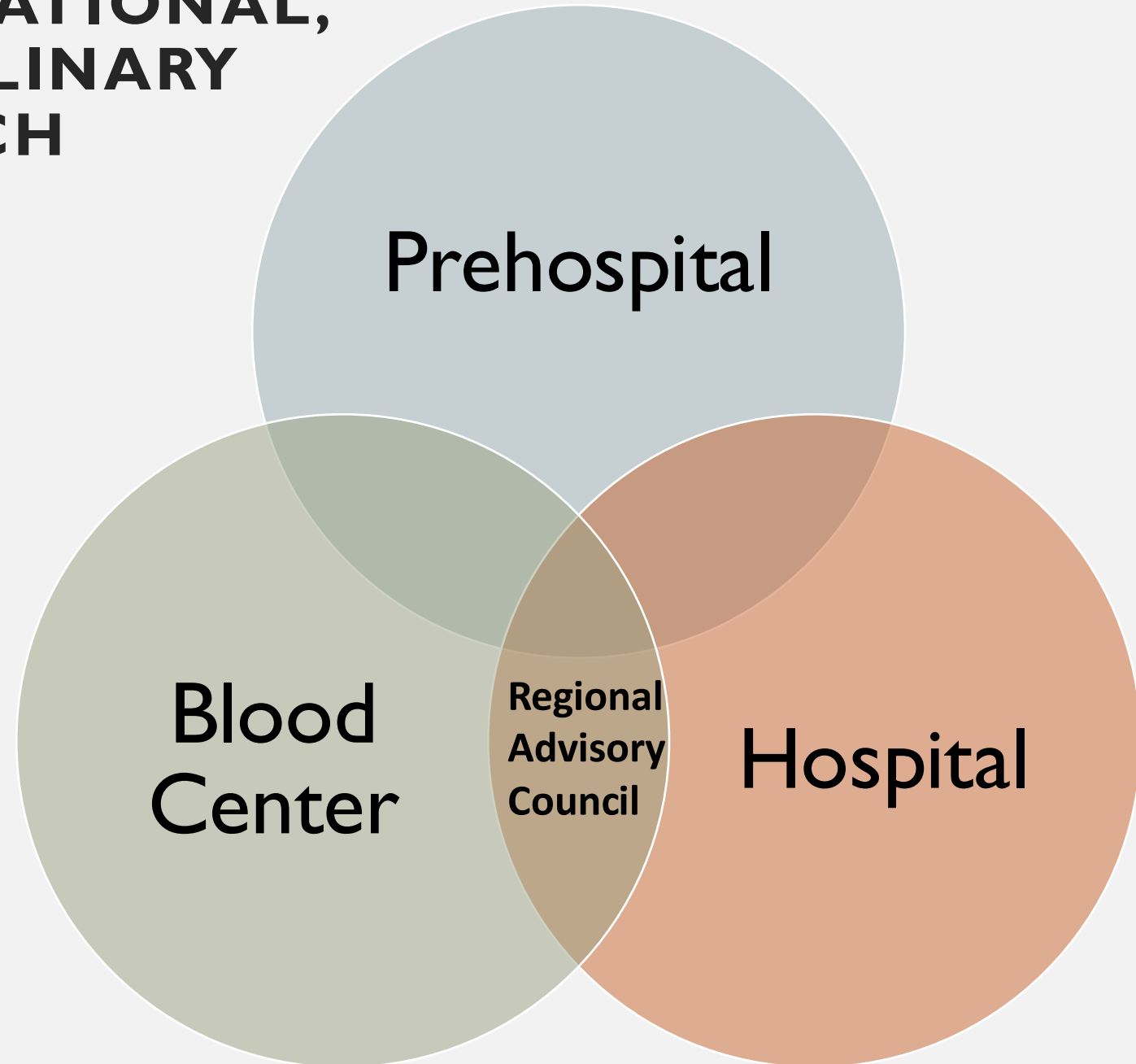


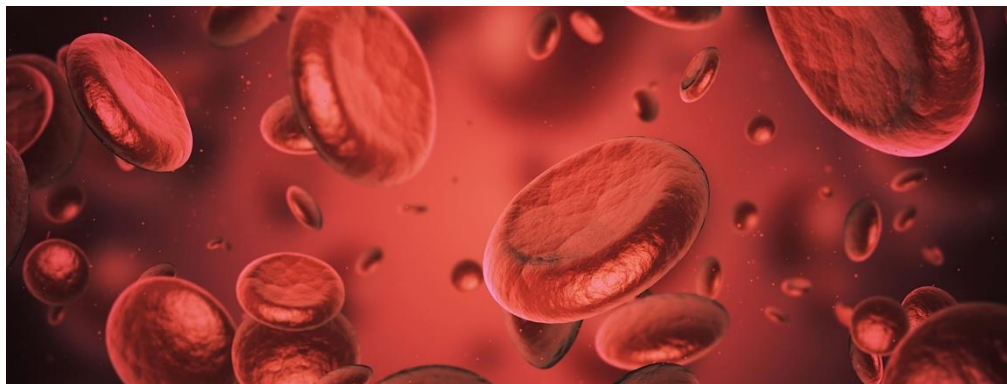
Relational
(align
stakeholders)



Analytical
(monitor
PI/data)

**MULTI-ORGANIZATIONAL,
MULTI-DISCIPLINARY
APPROACH**





REGIONAL WHOLE BLOOD COMMITTEE

WHOLE BLOOD COMMITTEE

- **Identify Stakeholders**
- **Develop MOU**
- **Establish a Rotation Model**
- **Develop Participation Process**
- **Develop process for identifying patients receiving blood prehospital**
- **Develop PI Process**
- **Blood Drives**

#1 IDENTIFY STAKEHOLDERS

BLOOD PROVIDER

- It's an organ
- It's a precious resource
- It's highly regulated
- It's expensive
- Wastage
- Donors

HOSPITAL

- Patient safety
- Product quality
- Patient selection
- Process Improvement



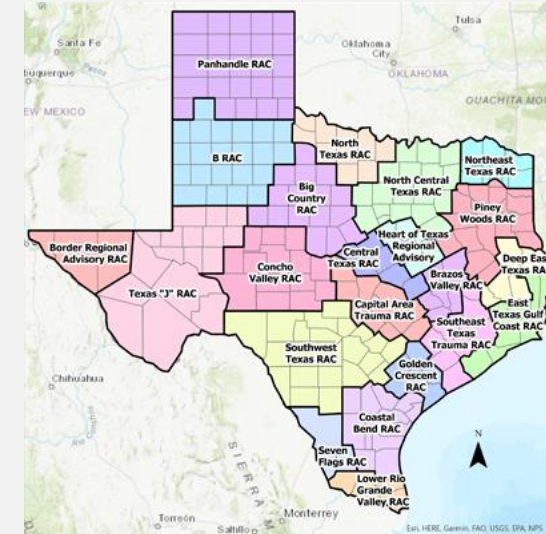
PREHOSPITAL

- Cost/Reimbursement
- Supply
- Wastage



RAC

- Responsible for the **SYSTEM**



#2 DEVELOP MOU

MOU

- Purpose
- Roles and Responsibilities for all Stakeholders
- Procedures
 - Receiving blood
 - Storing and transporting blood
 - Equipment
 - Administration
 - Reporting/ Process Improvement
- References
- Approved Products List
- Signed by all stakeholders

#3 DEVELOP ROTATION MODEL

ROTATION MODEL

- Why?
- What will it look like?
- Roles for each stakeholder
- How many days?
- Where does the blood go?



PROCESS FOR PROGRAM PARTICIPATION

1. Discuss with Key Stakeholders

- Blood Center, Rotation Center, WB Committee, RAC

2. Schedule a call with the agency

- Review MOU to include APL
- Send sample policies/protocols
- Explain next steps
- Add to committee listserv

3. Connect agency with Blood Provider

4. Agency order equipment

5. Agency work on policy/procedures

- Process to identify blood unit numbers in the event of a product recall
- ePCR Documentation
- Dispatch procedures
- Female administrations
- PI Process
- Transfusion Criteria

6. WBPM constantly checking on progress

7. LTOWB Program Training

OPERATIONAL IMPLEMENTATION



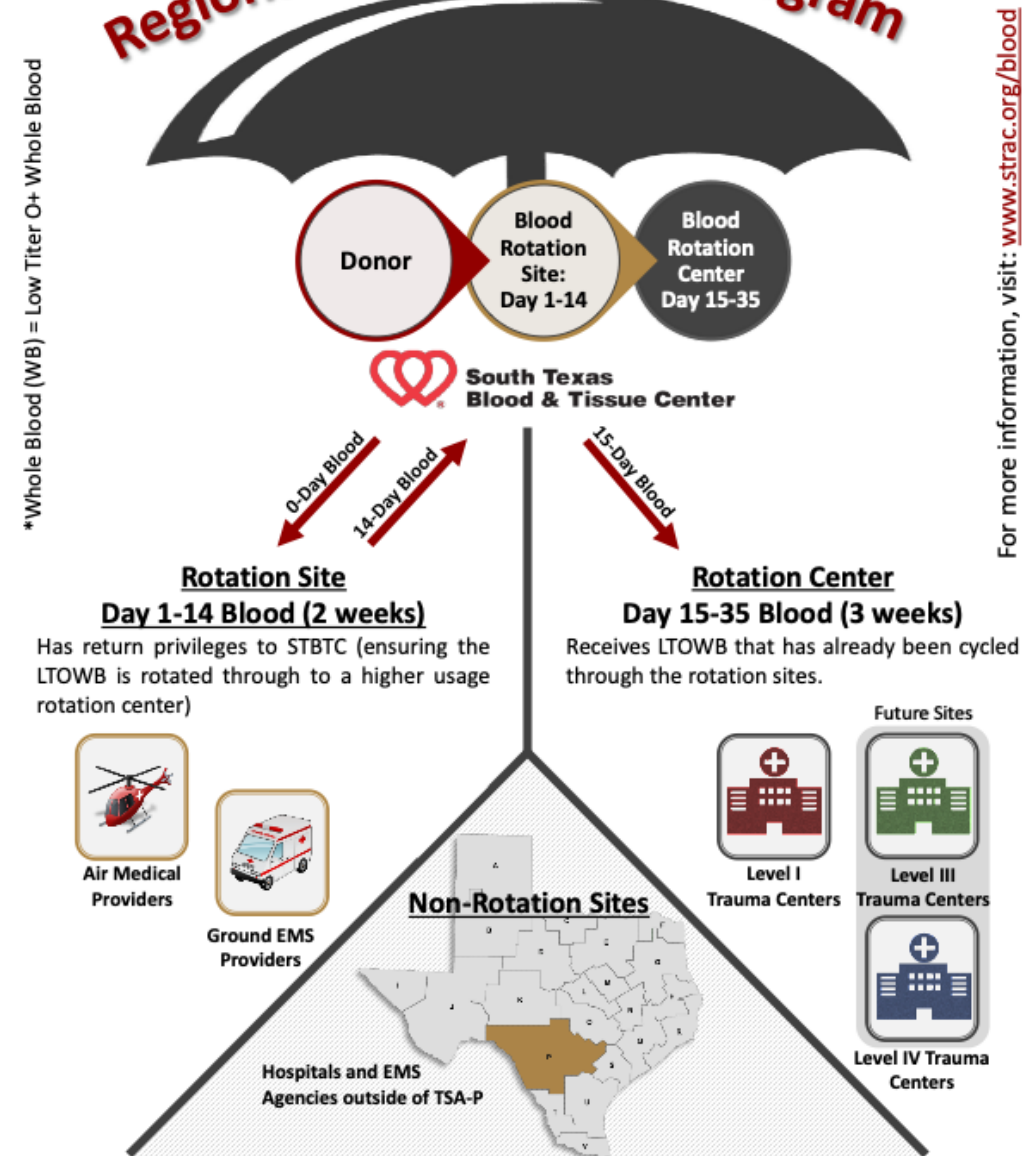
UNDERSTAND THE PRODUCT

- What kind of product
- Types of products
- Life span
- Provider
- Segs
- Cost (s)



EXPLAIN ROTATION MODEL

- How it works
- What to do when it doesn't
- Who to call



PROGRAM EXPECTATIONS

- Coolers & Warmers
- Temperature monitoring
- Daily Checks
- Documentation
- Policies/Procedures
- What to do if....



FAILURES

- What happens when:
 - Blood wastage spikes
 - Temperature excursions
 - Stakeholder disengagement
 - EMS variation
 - Documentation failures
 - Supply interruptions

FOLLOWING LTOWB PROGRAM TRAINING

1. Program Manager notifies Blood Provider 👍
2. Blood Provider conducts on-boarding training
3. Blood Provider notified WBPM training complete
4. Ready for “Go Live”
 1. Agency POC info
 2. Update map
 3. Add to appropriate dashboards
 4. Add POCs to GroupMe

PICTURES! CELEBRATE!





FEMALE CONSIDERATIONS

Hemolytic Disease of the Fetus and Newborn

HDFN

- Prehospital transfusion of blood components is becoming standard of care for traumatic or medical hemorrhage
- RhD+ RBCs/WB are used due to inventory limitations of RhD- products
- Patients will be exposed
- Requires a system to identify these patients and determine if intervention is required
- Requires a robust system to identify patients and audit/ review for compliance with corrective actions

HDFN



How and who will identify patients?



Who will determine patient eligibility for intervention?



What team(s) will perform interventions & counseling?



Who will follow these patients for alloimmunization (with or without intervention)



Who will monitor the process?

PI PROCESS

PROCESS IMPROVEMENT

AGENCY PI

- Review every transfusion
- Evaluate protocol adherence
- Identify operational issues

REGIONAL PI

- Aggregate program data
- Evaluate utilization and outcomes
- Identify system improvement opportunities

PROCESS MONITORING

METRICS

- Utilization/Wastage Rates
- Unusable units
- Outcomes
- Adverse events
- Demographics
- HDFN

TOOLS

- Whole Blood Portal
- Spreadsheet
- TAS-PI forms (PWBTF)

KEY TAKEAWAYS

Whole blood programs are
SYSTEMS of care

Regional collaboration enables
success

Program managers maintain
operational coordination

- Coordinate stakeholders
- Support agency onboarding
- Monitor utilization
- Support Regional PI



Questions?

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STRAC.org/blood