## PATIENT BLOOD MANAGEMENT:

TEAM WORK FOR BETTER PATIENT CARE

- ✓ Orders testing to determine transfusion plans
- ✓ Reviews results to make transfusion decisions
- **✓** Determines when blood products are needed, utilizing Blood **Bank Residents and** faculty for consultation
- ✓ Receives and verifies specimens for patient safety
- **✓** Determine priority and location
- ✓ Send to appropriate laboratories for testing



Specimen Management

**Technicians** 



**Nursing Team** 

Transfusion Medicine

**Physicians** 

**Patient** 



Medical Laboratory **Scientists** 

- ✓ Assesses signs and symptoms of anemia
- **✓ Draws blood for testing**
- ✓ Perform safety checks, vitals, and closely monitors patient to ensure safe transfusions
- ✓ Acts as a communication bridge between laboratories and Providers
  - ✓ Available for consultation 24/7 providing transfusion expertise
  - **✓** Reviews all special needs and transfusion protocols
  - **✓** Research and develops standards on transfusion safety and effectiveness

Serological testing to determine ABO and Rh type

- **✓** Complex antibody investigations
- **✓ Reports to Providers and Pathology Faculty**
- ✓ Maintain a large changing inventory of blood products

Our TEAM efforts reduced overall blood utilization by 30%

By transfusing less we have decreased <sup>1</sup>:

**Complications (4% per unit)** 326

Length of Stay (1.5 days /unit) 12,226

**Deaths (0.9% /unit) 73** 

Nursing Hrs (2.2 /unit) 17,931

