



Alabama's Organ & Tissue Donation Alliance

Shepherding the Gift of Life

Mission and Vision

We will end the wait and the suffering by shepherding the gift of life to those in need of organ and tissue transplants.



Core Values

Compassion
Integrity
Collaboration



Hope
Dedication
Belonging



TRADITIONAL APPROACH

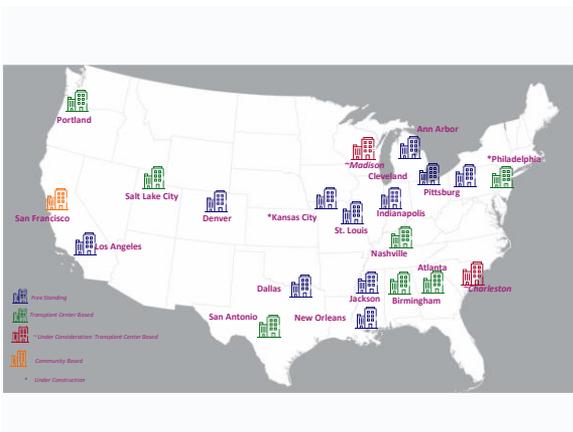
- Entire organ donation process occurs at the hospital where donor was originally admitted
- Donor is managed in the ICU until OR is available
- Potential effects of traditional process
 - Stresses donor hospital resources
 - Stresses organ recovery team
 - Stresses donor
 - Stresses donor families



CHANGING PARADIGM

- Receive authorization for organ donation and transport organ donor from originating hospital to a dedicated Donor Recovery Center (DRC) for:
 - Organ donation management
 - Organ allocation
 - Recovery
- Post authorization stages occur within the DRC





OTHER CONSIDERATIONS WHICH SUPPORTED NEW MODEL

- Removal of distraction of donor hospital bed/staffing pressure
- Predictability of donor management and recovery time
 - Increase quality of life for recovering surgeons and staff
- Better communication with donor families
- Control of donor management protocols
 - Real-time training opportunities for our PTCs from our medical director
 - PTCs able to collaborate and help each other from the same location
 - Increase organs transplanted per donor
- Reduce process variability experienced when recovering organs in multiple donor hospitals



LOH- DONOR RECOVERY CENTER STRUCTURE

- **Donor Recovery Center is University Hospital Space**
 - Organized under Perioperative Surgery
 - Provides Scrub & Circulator to staff recovery
 - Compliant to Hospital Regulatory Agencies (CMS – JCAHO)
 - LoH Staff work under existing Hospital Donation Agreement
 - Manager, Donation Support liaises with UH operating room leadership & staff
 - LoH established Professional Service Agreements
 - Critical Care Nurses
 - CRNA's
 - Has direct enclosed access to the University Hospital
 - CT, Cardiac Cath
 - Bedside Procedures performed in Donor Recovery Center
 - Chest X-ray • Biopsies • Echo • Bronch
- Adjacent to the morgue & garage that enables transfer donors in and out to funeral homes or ME
- Transport performed by Critical Care Transport
 - Ambulance (≤2 hours)
 - Jet (Mobile & Dothan)







ESTABLISHED PROTOCOLS WITH UNIVERSITY HOSPITAL

- Admitting & Registration of transported patients
- Unit to Unit transfer of patients from University Hospital
- Recovery Suite scheduling with OR
- Equipment maintenance
- Instrument sterilization
- Supply management
- Pharmacy process
- Facility maintenance and cleaning
- Charting in electronic health record
- Training LoH staff on hospital protocols and equipment



PATIENT MANAGEMENT

- Patient is registered as either:
 - o UAB patient transfer within units (ICU to DRC)
 - o Bedded outpatient (if from outside Hospital)
- Donors managed under supervision of LoH Intensivist/Medical Director
- LoH Clinical Coordinators (PTCs)
- Bedside Nursing- per diem critical care nurses
- Onsite equipment operated either by LoH or with hospital support



OR MANAGEMENT

- PTC's schedule OR thru Hospital
- Hospital provides surgical staff:
 - Scrub
 - Circulator
- CRNAs – per diem LoH staff
- Hospital maintains/cleans facility
- Hospital maintains supplies and equipment



OUTSOURCED SERVICES

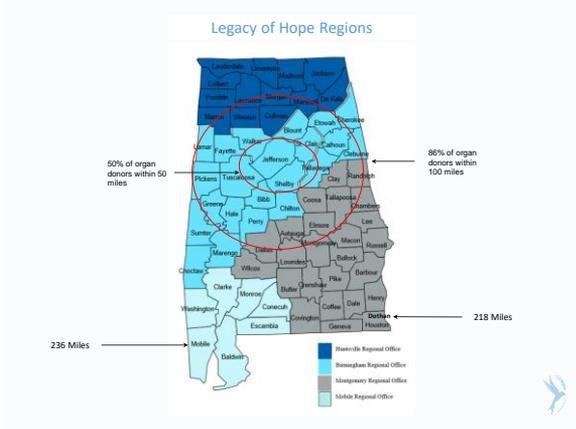
- Serology- Eurofins Atlanta
- Airspace Technologies
- Transportation
 - UAB Critical Care Transport
 - Ambulance
 - Fixed wing aircraft
 - Mortuary Service Transport (post case)



ON-SITE EQUIPMENT

- All OR equipment
- All ICU equipment (percussive beds)
- Bronchoscope
- Portable X-Ray
- Ultrasound
- Allows for on-site perfusion technology





ADVANTAGES

- Increase in lungs, hearts, kidneys recovered for transplant
- Medical director presence during donor process
- More consistent & controlled environment for donor management
- Greater surgeon satisfaction
- Greater LoH clinical staff satisfaction
- Greater staff/management engagement
- Facilitates training of new PTC's
- Timely availability of full range of diagnostic testing
- Cost savings- fixed OR cost, reduced travel, lower test costs
- Privacy & support of donor families
- Donor Hospital satisfaction



DISADVANTAGES

- Confuses auditors as to ownership and applied standards
- Longer case times (cost/staff impact)
- Less visibility of donation process in hospitals
- PTCs losing comfort and confidence to perform case activity in donor hospitals
- Risk for donor issues due to transport (has not happened to date)



DRC OPERATIONS

- >75% of total donors are recovered in DRC
- Some families will decline transport
- Donor instability could delay or preclude transport
- Some instances of DRC ICU bed capacity delaying or preventing transport



THE FUTURE – LESSONS LEARNED AND IMPLEMENTED

- Increased to 4 ICU Beds
- Co-locate perfusion lab
- You can never have enough storage
- Donor family space to accommodate more than one family





PERFUSION CAPABILITIES

Within our DRC, we are able to provide machine perfusion for kidneys



TRANSPLANT CENTER DRIVEN PRESERVATION TECHNOLOGIES

- Transplant center driven methods
- Can increase distance for safe organ travel from donor to recipient
- Legacy of Hope supports transplant centers that utilize these systems during recovery of organs



MACHINE PRESERVATION

TransMedics Organ Care System (ICS™): The only FDA-approved technology for lung, heart & liver transplantation indication in the U.S.



Current Chapters

- Chelsea High School
- Oak Mountain High School
- University of Alabama
- Greenville High School
- University of Alabama Birmingham
- University of South Alabama
- Calera High School
- Northridge High School
- Troy University



Recruiting New SODA Chapters

- Social Media
- School visits
- Community Outreach Events
- Ambassador Trainings
- Staff Meetings
- HOSA Conference

DO YOU KNOW A HIGH SCHOOL OR COLLEGE STUDENT WHO WANTS TO MAKE A LIFE-SAVING IMPACT ON CAMPUS?

They can host an event or start a chapter with SODA Student Organ Donor Advocates and share their peers blood organ and tissue donation!

SODA will provide students with funding and resources for events, resource guides to become successful advocates for organ and tissue donation, mentorship, and more with help from Legacy of Hope.

Encourage students to join an existing Alabama chapter or:

- CHELSEA HIGH SCHOOL
- OAK MOUNTAIN HIGH SCHOOL
- UNIVERSITY OF ALABAMA
- GRENVILLE HIGH SCHOOL
- UNIVERSITY OF SOUTH ALABAMA

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Our Chapters Rock!



- In the 2022-2023 school year, our chapters registered 197 news donors and educated 11,639 people about organ, eye, and tissue donation!
- Activities from our state's SODA chapters:
 - Attended HOSA Leadership Conference with Legacy of Hope
 - Tabled at the Mercedes Marathon
 - Organized blood drives at their schools
 - Promoted donation at their school's Dance Marathon
 - Presented at a meeting of principals from their school district
 - Hosted Donuts for Donors events
 - And More!