Saving Lives Together

An Overview of Organ, Eye & Tissue Donation
Organ, Eye & Tissue Donation

UNIVERSITY OF MIAMI

- Life Alliance Organ Recovery Agency (LAORA)
- Florida Lyons Eye Bank (FLEB)
- University of Miami Tissue Bank (UMTB)
Responsibilities of LAORA, UMTB & FLEB

- Evaluate potential organ and tissue donors
- Obtain consent from family in collaboration with the hospital
- Collaborate with hospital to maintain donor after brain death declaration
- Allocation of organs
- Coordinate all recovery and preservation activities
- Support services to the donor family
- Provide donor education programs
LAORA’s area of certification is designated by the Department of Health and Human Services:

- Miami-Dade
- Broward
- Monroe
- Palm Beach
- Collier
- St. Lucie
- Commonwealth of the Bahamas

Over 80 hospitals in DSA
1968 Uniform Anatomical Gift Act
- Allowed the gift of donation through documentation, such as a donor card

2003 Nick Oelrich Gift of Life Act (FL)
- An individual has the right to designate their wishes regarding donation. This designation may not be overruled by a family member.

2009 Uniform Anatomical Gift Act (revised)
- A donor designation does not require consent from the legal NOK/healthcare surrogate. This designation is recognized as first person consent

www.DonateLifeFlorida.org

Our Practice on First Person Consent
- Disclosure form and copy of donor designation (in lieu of consent form) will be provided to family
Laws That Impact Hospital Processes

• 1996 Required Request Law
  • Families have the right to be given the option of donation at/near the time of death of their loved one

• 1998 Required Referral Law
  • All deaths and imminent deaths must be reported to the OPO by calling 1-800-255 GIVE (4483)

Hospital staff’s perception that a family’s grief, race, ethnicity, religion or socioeconomic background would prevent donation should never be used as a reason not to approach a family.
CMS Conditions of Participation

- Requires hospitals to establish relationship with their federally designated OPO
- Hospitals must establish protocols for identifying and referring potential donors and for informing families of their opportunity to donate

TJC Requirements (Standard PI.1.10)

- Requires hospitals to measure the effectiveness of their organ procurement efforts including the conversion rate
- Review donation related data to improve conversion rates
UNOS is the private, non-profit organization that manages the nation's organ transplant system under contract with the federal government.

- Ensures an *equitable system* for organ sharing
- Maintains patient *waiting list*
  - Urgency of need
  - Time of waiting
  - Blood/Tissue type
  - Size
- **Matching** recipients with donors
- Responsible for *increasing organ donation*
- Develops and monitors *compliance*
- Reports *outcomes and costs*
## National Waiting List

**as of 1/3/14**

<table>
<thead>
<tr>
<th>Type of Transplant</th>
<th>Patients Waiting</th>
</tr>
</thead>
<tbody>
<tr>
<td>Kidney</td>
<td>106,293</td>
</tr>
<tr>
<td>Liver</td>
<td>16,387</td>
</tr>
<tr>
<td>Pancreas</td>
<td>1,186</td>
</tr>
<tr>
<td>Kidney-Pancreas</td>
<td>2,095</td>
</tr>
<tr>
<td>Intestine</td>
<td>260</td>
</tr>
<tr>
<td>Heart</td>
<td>3,710</td>
</tr>
<tr>
<td>Heart-Lung</td>
<td>46</td>
</tr>
<tr>
<td>Lung</td>
<td>1,632</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>131,609</strong></td>
</tr>
</tbody>
</table>

*Based on OPTN data as of January 3, 2014*
The Organ Donation Breakthrough Collaborative began in 2003 as one of the components of U.S. Department of Health and Human Services Gift of Life Donation Initiative. **The aim of the Collaborative is to dramatically increase the number of organs transplanted.**

*Some of its best practices include:*
- Early referral rapid response  
- Preserving the option of donation

LAORA seeks to collaborate with all the hospitals in its service area in order to help each of them achieve an average donation rate of **75%** thereby saving or enhancing hundreds more lives each year.
Clinical Triggers

**Organ/Tissue Donation Clinical Triggers**

**ORGAN DONATION**
- GCS Equal to or Less than 5 and Ventilator-Dependent
- Brain Death Testing to be Initiated
- Any discussion concerning end of life options (comfort care measures, no escalation of care, or withdrawal of Life Sustaining Therapies)
- Family initiates discussion regarding donation

**TISSUE DONATION**
- Upon Cardiac Death/Asystole

Please call Life Alliance Organ Recovery Agency within one hour of any of the following clinical triggers being met:

1-800-255-GIVE (4483)
Clinical Triggers

To ensure families are not given false hope of saving lives through donation, and in accordance with CMS/TJC regulations, please refrain from mentioning donation. If family asks, “what is next,” the best transitional phrase is “There are end of care decisions that need to be made. A member of our healthcare team will be speaking to you shortly.”

Donation is not to be discussed with families until patient is evaluated for medical suitability to avoid giving families false hope for donation.
Family approach must be done in collaboration with LAORA staff in order to ensure the highest possibility of obtaining consent.

Source: “Improving the Request Process to Increase Family Consent for Organ Donation”; Gortmaker, et al. (Journal of Transplant Coordination 1998; 8:210-217)
Brain Death Law and Determination
Florida Statute 382.085

• Irreversible cessation of brain function including brain stem

• Two board eligible or board certified physicians by clinical exam

• Reversible etiology must be considered and excluded prior to diagnosing brain death

• May confirm brain death by:
  o Negative cerebral flow
  o Flat EEG and/or
  o Apnea test
Immediate rescue of organs within 60 minutes of extubation after asystole/cardiac death occurs.

WDLS trigger must be called within one hour to 1-800-255-GIVE

These patients are:
• On mechanical ventilation
• Are terminally ill or have sustained an irreversible brain injury
• Do not meet brain death criteria
• For whom further treatment is deemed futile and are predicted to die
• Families have made decision to withdraw life sustaining therapies
Donation After Cardiac Death (DCD)

- Donation Opportunity offered AFTER decision to withdraw life sustaining therapies
- Inform family of process in the event patient does not expire
- Family can be present in OR if hospital policy permits
- Pronouncement is made by hospital physician
- Withdrawal is done by hospital staff
- OPO coordinator present to document vitals ONLY
- First incision is made **3-5 minutes** after pronouncement
- Organs that can be donated are liver, kidneys, pancreas, (abdominal organs) and heart valves
Organ Donation Process – Brain Death or WDLS

**Referral**
- Call in trigger within 60 minutes to (800) 255-GIVE
- Have chart readily available when making the referral

**Chart Review**
- Coordinator will call back immediately to review past medical history, lab results, current neurological status, etc.
- HIPPA Exempt
Organ Donation Process – Brain Death or WDLS

- **Coordination**
  - Provide updates accordingly such as status change
  - Coordinate care with the physicians to support patient until brain death is declared.
  - Initiate catastrophic brain injury guidelines/organ preservation orders

- **Care of Family Pre-Donation**
  - Donation *should not be* mentioned to family
  - Reinforce family’s understanding of brain death

- **Donation Collaboration**
  - **Team Huddle!!**
  - LAORA’s designated requestor will make approach in collaboration with hospital staff
  - Requestor to be introduced as “*a member of the healthcare team to discuss end of care decisions*”
Organ Donation Process – Brain Death or WDLS

Consent Obtained
- Medical examiner’s office notified (when applicable), serologies performed for communicable diseases, and specific diagnostic procedures are performed

Organ Recovery
- The organs are surgically removed in the hospital’s OR, unless family has consented transfer to another recovery facility.
- Organs are transported to recipient hospital by LAORA staff
Referral Consultation Note

1-800-255-GIVE (4483)

Date: ___________ Time: ___________

LIFE ALLIANCE ORGAN RECOVERY AGENCY UNIVERSITY OF MIAMI

Referral Consultation Note

HOSPITAL OR MEDICAL CENTER

REFERRAL # ___________

Referral Coordinator: ______________________

☐ ORGAN DONATION - Suitable candidate at this time
☐ GCS Equal to or Less than 3, and Hematoma Dependent
☐ Brain death testing is being initiated
☐ Prior to withdrawal of ventilator
☐ Cardiac death
☐ Withdrawal of Life-Sustaining Procedures is possible, or a discussion about withdrawal is planned with the family. Life Alliance must be contacted and given time to determine final suitability for donation prior to withdrawal.

To prescribe the option of organ donation, the following steps are recommended:

1. Maintain hemodynamic stability
2. If Vasopressor Support is needed, consider the use of Norepinephrine
3. Use Hypertension or ECG to treat for Hypertension
4. Contact the In-Network Organ Recovery Coordinator at 1-800-255-GIVE (4483) for further guidance

FAMILY COMMUNICATION PLAN

Organ donor consultations are initiated by Life Alliance Organ Recovery Agency Specialists after close consultation with the hospital staff, and generally after brain death has been determined and all life sustaining measures are being made. If the family also agrees donation of the hospital staff leads the time to speak with the family. If the boy is still healthy, please contact Life Alliance Organ Recovery Agency immediately to discuss the family communication plan.

☐ ORGAN DONATION - SIGN OFF

Life Alliance will no longer continue to monitor the patient. Please notify Life Alliance immediately if any of the above clinical decisions are made again met. Please consult the Medical/Non-Donation Decision below.

Date: ___________ Time: ___________

Medical Consultation

☐ EYEBALL AND EYEL DONATION - Suitable candidate at this time

HOSPITAL OR MEDICAL CENTER

☐ NOT ELIGIBLE for any type of donation for transplantation

LIFE ALLIANCE ORGAN RECOVERY AGENCY COORDINATOR SIGNATURE: ______________________

Patient Sticker/Identification

Date: ___________ Time: ___________

Donation Consultation Notes / Signatures

1-800-255-GIVE (4483)

RETAIL THIS FORM IN THE HOSPITAL PERMANENT MEDICAL RECORD

LIFE ALLIANCE ORGAN RECOVERY AGENCY UNIVERSITY OF MIAMI

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## Organ Donors & Consent Forms

<table>
<thead>
<tr>
<th>Type of Consent</th>
<th>Form</th>
</tr>
</thead>
<tbody>
<tr>
<td>First Person Consent (BD/DCD)</td>
<td>Donor Designation</td>
</tr>
<tr>
<td>Family Consented</td>
<td>OPO Consent Form</td>
</tr>
</tbody>
</table>

**NOTE** - OR/Anesthesia forms are **NOT REQUIRED** for **ANY** organ donor case.
Tissue Donation to Transplant

Consent

Recovery

Processing

R & D

Transplant
Osteoarticular/Oncology/Revision Total Joints
• Resurfacing of articular cartilage damage in knee, hip, shoulder or ankle with mature hyaline cartilage and healthy subchondral bone in a single procedure from a single donor. This helps avoid limb amputation. Also reduces risk of cancer growth.

Oral & Maxillofacial
• Dental Procedures
• Complete/partial mandible replacement

General Surgery
• Skin grafts for burn victims
• Urological surgeries (fascia lata)
• Inner ear surgery (pericardium)
• Cranioplasty (dura)
General Orthopedics/Trauma Reconstruction
- Peri-prosthetic fractures
- Segmental bone loss
- Ankle fusion/mid-foot fusions

Sports Medicine
- Joint reconstruction in the knee, ankle & hip such as ACL, PCL, MCL & LCL reconstruction. Also includes ligamentous repair of the hand & foot
- Cartilage Repair
- Rotator Cuff Repair

Spine
- Neurosurgery
- Cervical and lumbar spinal fusions
Eye Donation and Benefits to Recipients

**Corneas**
- Restores sight in patients with corneal blindness caused by corneal diseases, traumas, or infections.

**Sclera**
- Used as a patch to cover tube shunts implanted during glaucoma surgery.
- Used to wrap orbital implants for patients who have lost an eye due to trauma, cancer or severe disease.

**Whole Globes**
- Used for research to advance the treatment of ocular disease
- Used to teach residents and fellows surgical procedures
Tissue & Eye Donation Process – Cardiac Death

**Referral**
- Death reported to **(800) 255-GIVE** within 1 hour
- Have chart readily available when making the referral

**Chart Review**
- Name of patient, date and time of admission, cause/date/time of death, fluids administered, current and past medical history, ME status and status of physician signing death certificate
- Portions of chart *may* be requested to be faxed for review by Medical Directors – HIPPA Exempt

**Contact Information**
- Donation *should not* be mentioned to family
- Please obtain two contact numbers where the family member can best be reached in the next few hours (preferably home numbers)
Tissue & Eye Donation Process – Cardiac Death

**Morgue Techs/Transport/Security**
- Nurse to place PTD card on potential tissue donor
- Assure Potential Tissue Donor is placed in refrigerated portion of morgue
- Record/Document time placed in refrigeration

**Release of Body**
- Please call 1-800-255-GIVE prior to releasing body to funeral home and provide funeral home contact information.
- Outcome will be relayed to hospital

**Donation Outcome**
- **Consent Granted:** Hospital notified/Transportation organized/Consent provided to Hospital
- **Donation Declined:** Hospital notified
ATTENTION
Potential Tissue Donor

To preserve tissues for transplantation

PLEASE PLACE IN REFRIGERATED COOLER as soon as possible and document date & time of refrigeration.

1-800-255-GIVE (4483)
• Approximately **every 11 minutes** a name is added to the national patient waiting list.

• Every day approximately **20 people die** waiting for an organ transplant.

• Approximately every **31 hours a person dies** in the State of Florida waiting for a transplant.

• One organ donor can **save the lives of up to 8 People:**
  Kidneys, Heart, Pancreas, Small Bowel, Lungs, and Liver

• One tissue donor can **improve the lives of up to 250 people.**

• Longest surviving organ recipient:   
  
<table>
<thead>
<tr>
<th>Organ</th>
<th>Clinical Transplant 2014</th>
</tr>
</thead>
<tbody>
<tr>
<td>Kidney</td>
<td>51 years (living donor) 43 years (deceased donor)</td>
</tr>
<tr>
<td>Kidney / Pancreas</td>
<td>28 years</td>
</tr>
<tr>
<td>Liver</td>
<td>43 years</td>
</tr>
<tr>
<td>Heart</td>
<td>34 years</td>
</tr>
<tr>
<td>Heart / Lung</td>
<td>29 years</td>
</tr>
<tr>
<td>Pancreas</td>
<td>28 years</td>
</tr>
<tr>
<td>Lung</td>
<td>26 years</td>
</tr>
<tr>
<td>Intestine</td>
<td>24 years</td>
</tr>
</tbody>
</table>
The following are addressed at the time of approach for donation

- No disfiguration, open casket viewing is possible
- Timing
- Religious considerations
- No cost to donate
- No pain to donor
- Organ donation is accomplished within approx. 24 - 36 hours after death
- Tissue & eye donation is accomplished within approx. 24 hours after cardiac death
Organ Donors

Sasha

Talia

Julio

Christian

Edna Mae M. & Edna Mae H.

James
Organ Transplant Recipients

Denise
Kidney Transplant

Michael-
Heart Transplant
(Wish Sasha’s Mom & Son)

Trine and Ryan
Liver Transplants

Stephanie
Double Lung Transplant

Gabie & Gilbert
Liver Transplants

Neal-
Heart Transplant
Tissue Transplant Recipients

Laura Cloward Dowel (Cervical)

Eric Osteoarticular Allograft (Femur/Tibia/Meniscus)

Vivica Osteoarticular Allograft (Pelvic)

Adrianne Patellar Tendon (Bone Tendon Bone)
Cornea & Sclera Recipients

Linda (Cornea)

Sam (Cornea)

Donna (Sclera)

Craig (Sclera)

Juan (Cornea)

Frednel (Sclera)
• Register at www.donatelifeflorida.org
• Indicate your wishes when you renew your driver’s license
• Request a registration form from Life Alliance

Share your decision with your family.
HOW ARE WE DOING?

- If you encounter any issues when making a referral, please write down the referral **ID#** and your LAORA Hospital Development Specialist will follow up.
- All calls to the Donor Referral Line are recorded.
- Contact your LAORA Hospital Development Specialist with any questions or concerns.
There are over 131,609 people awaiting vital organ transplants, and many more in need of corneas, bone and tissue.

When you refer a potential donor, you are giving someone the opportunity to save or enhance their quality of life.

We are deeply grateful for the important role you play in **turning tragedies into miracles.**