

# Giving Life From Loss: The Organ Procurement Process

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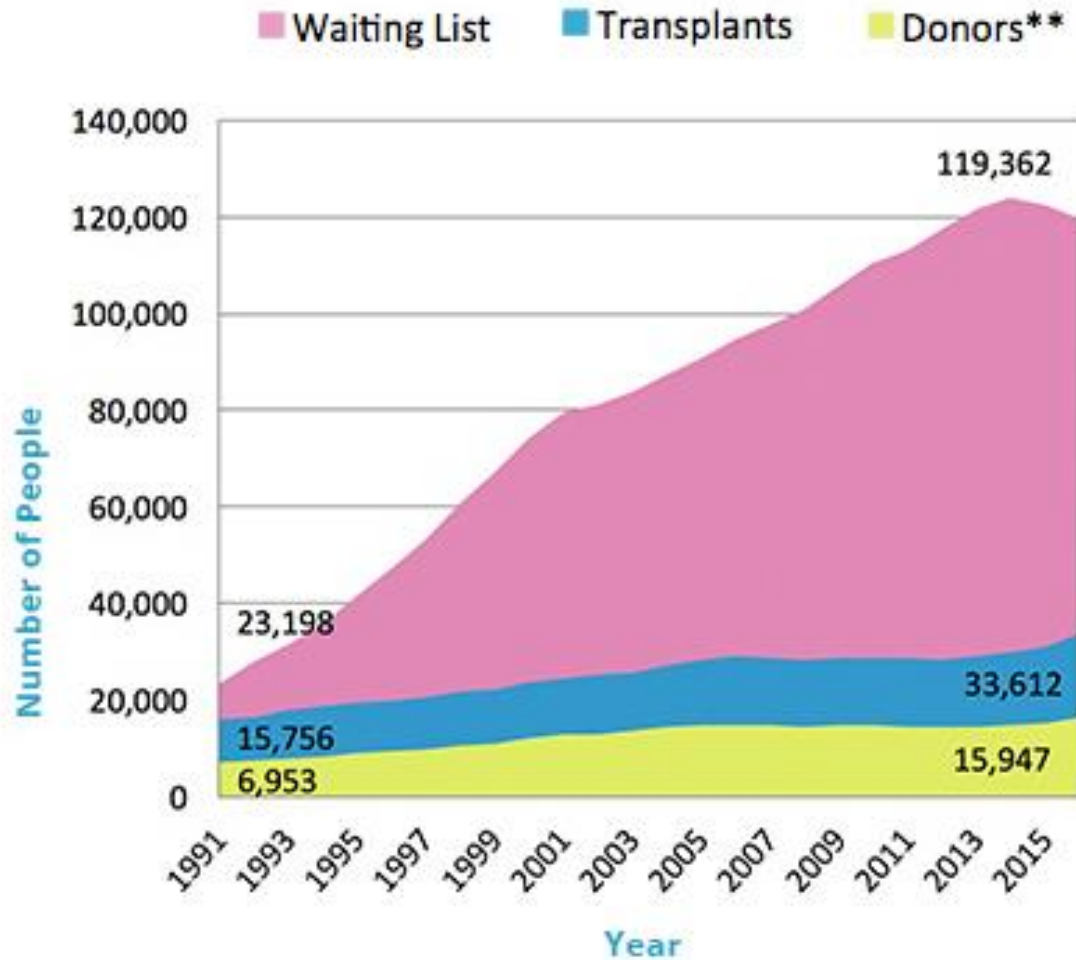
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# Objectives

- What is an OPO, and why is that structure important
- How do OPO's interface with hospitals and transplant centers
- What is the path of an organ, from donation to transplant



# The Need



Every ten minutes, someone is added to the national transplant waiting list



On average, 20 people die each day while waiting for a transplant

# Why is There a Shortage?

- Must be admitted to a hospital
- Must have a life ending injury
- Must be maintained on the ventilator
- Must have healthy organs
- People say no to donation

**0-4%**



# What can be Recovered

## Living Donor Donors

~~Heart~~

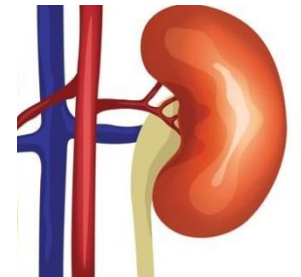
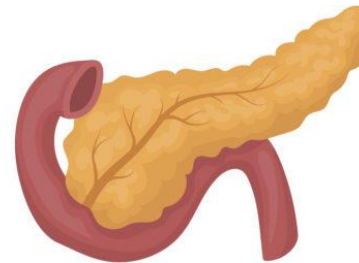
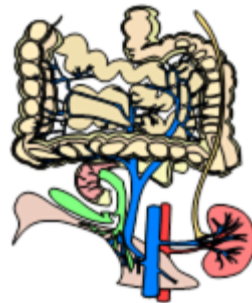
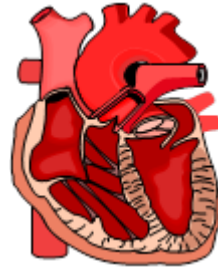
~~Lungs~~

~~Liver~~

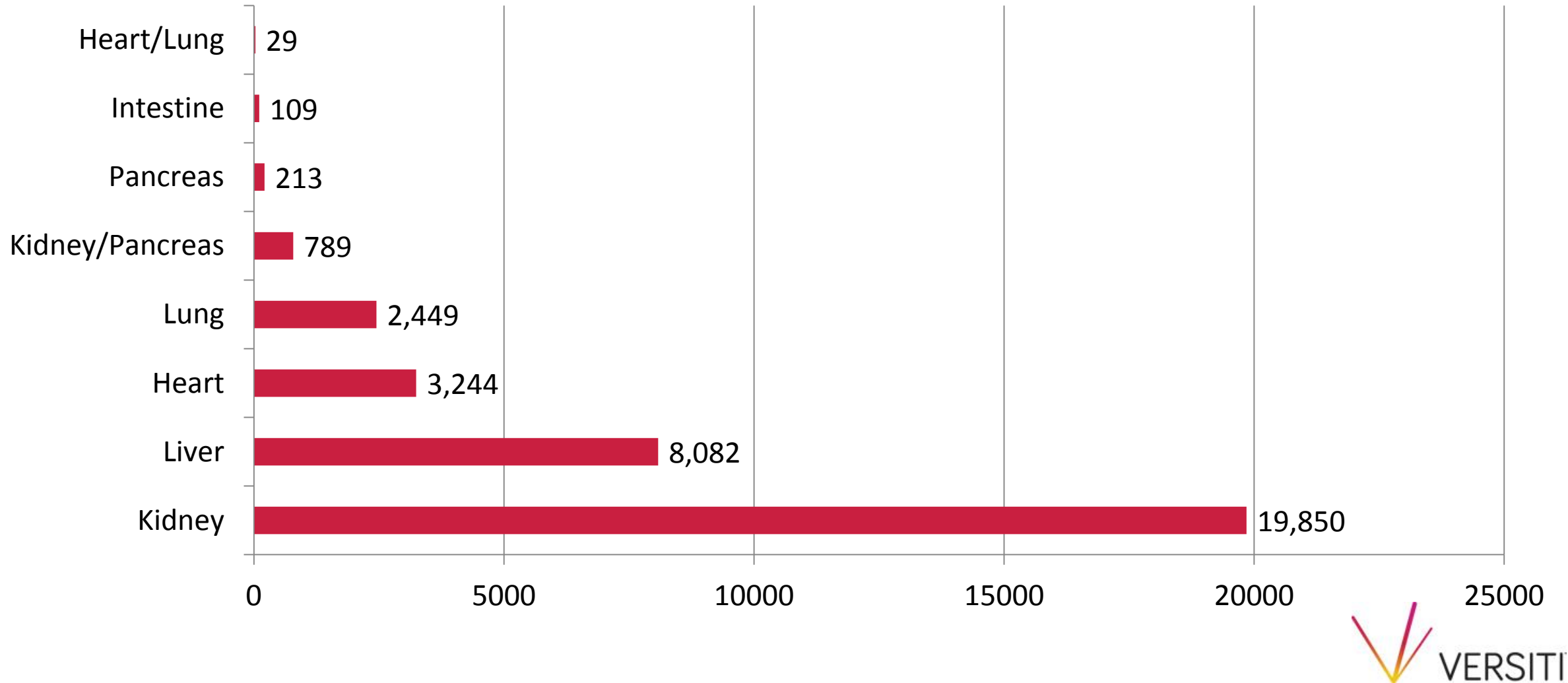
Kidneys

~~Pancreas~~

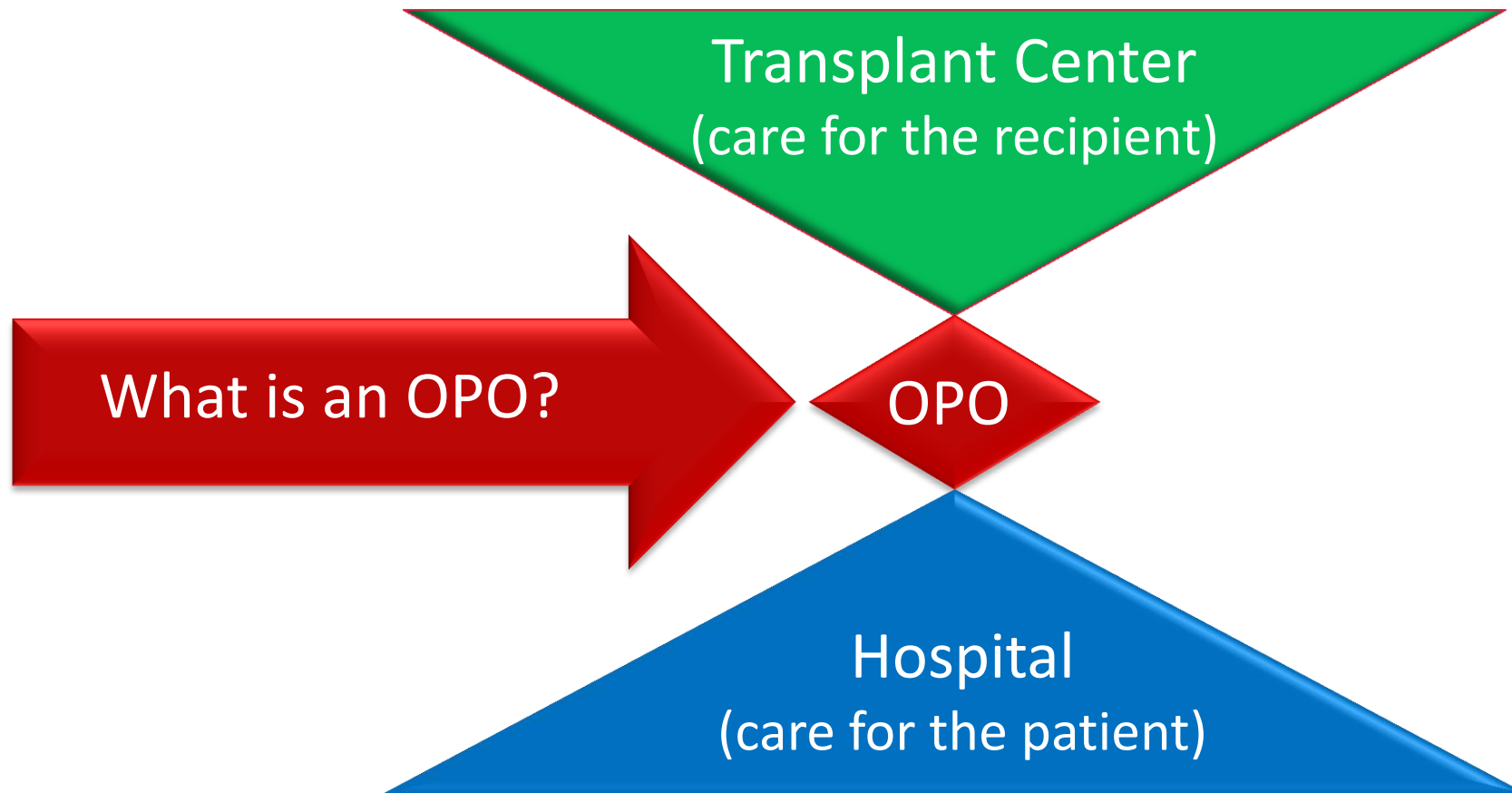
~~Small Intestine~~



# Organs Transplanted 2017



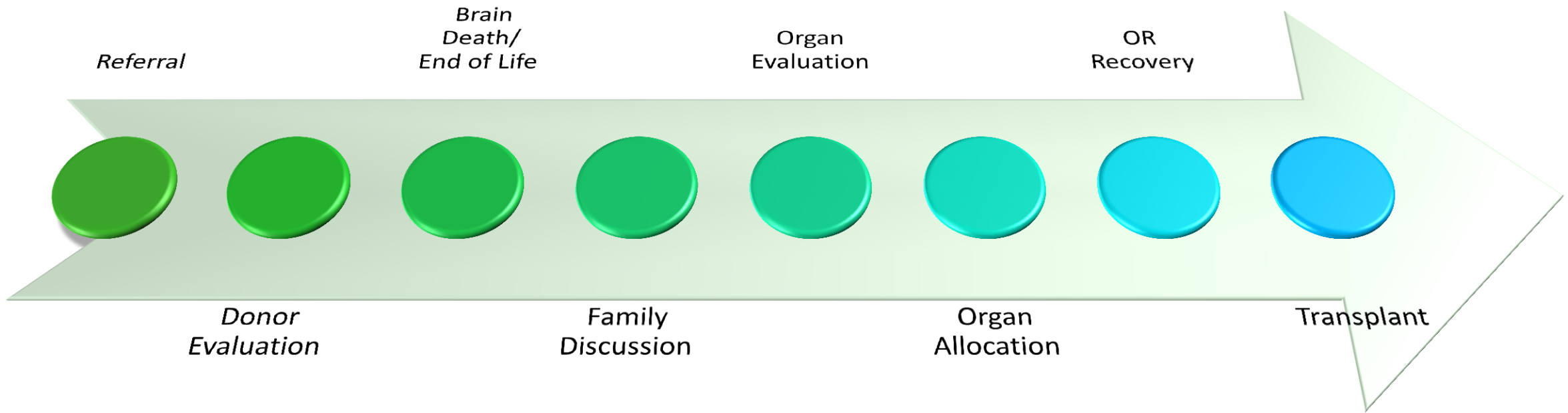
# Collaboration of Care







# The Steps to Donation



# Hospital Referral

To ensure that every family is provided the option of donation, JCAHO & CMS require timely referrals from the hospital :

- ❖ on *every death* and *every imminent death*
- ❖ **Clinical Triggers (vented patients only)**



# What is Brain Death?



## Coma or Unresponsiveness

- No response to pain in all extremities.

## Absence of brain stem reflexes

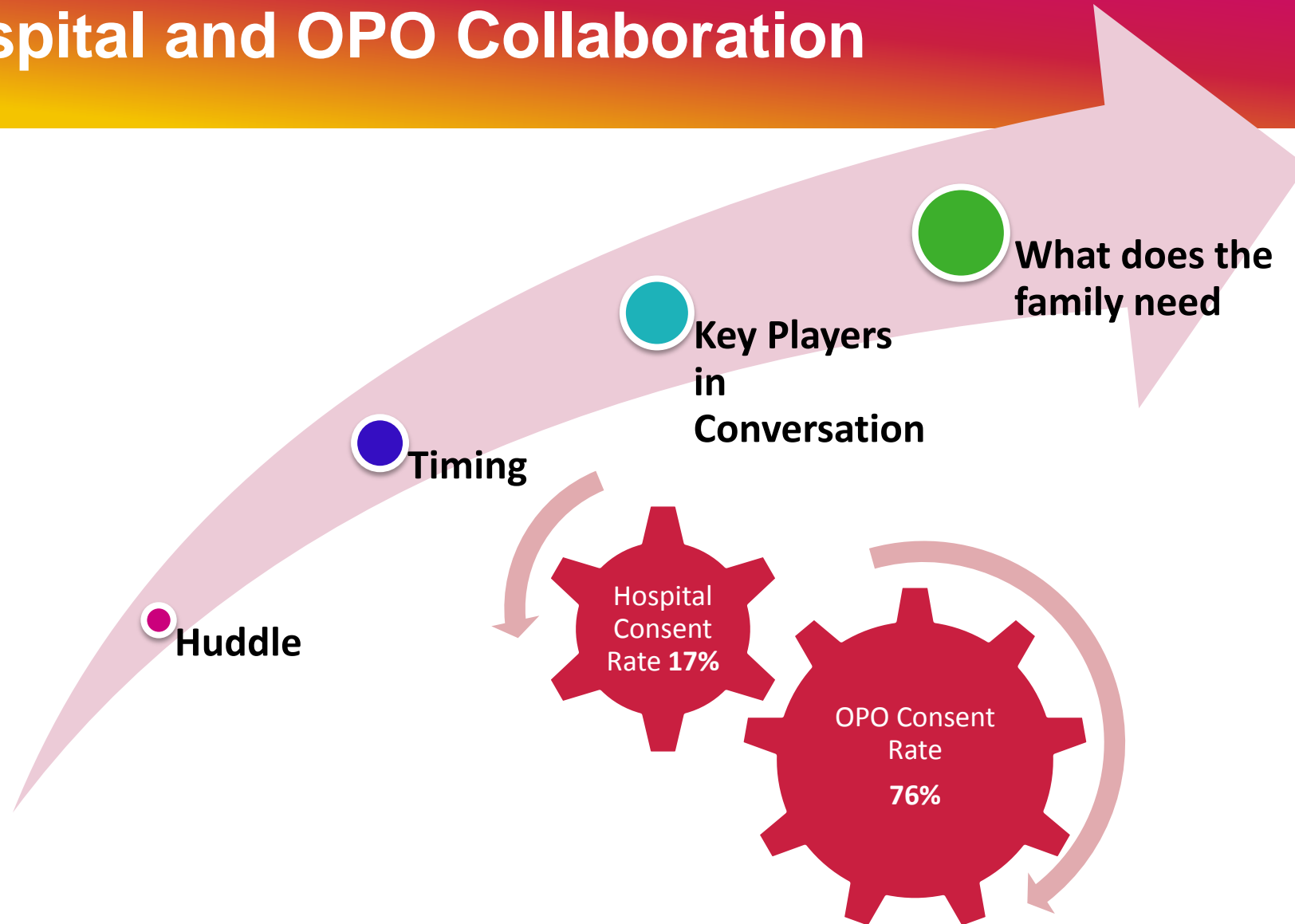
- Pupils, ocular (dolls eyes, cold calorics), corneal, pharyngeal (gag, cough)

## Apnea

## Confirmatory Imaging

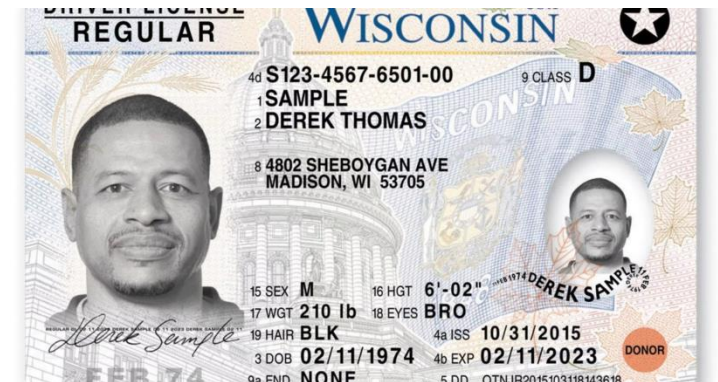
Patient's time of death is the time of the clinical exam

# Hospital and OPO Collaboration



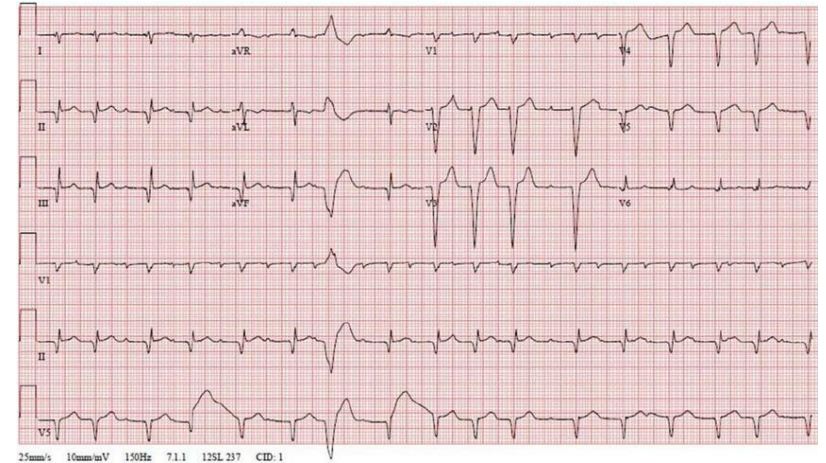
# First Person Consent

- Did the patient indicate his or her wishes regarding donation.
- No longer asking a family about donation, but helping them honor their loved ones wishes.
- **Where is First Person Consent documented?**
  - Drivers License
  - Advanced Directive / HPOA / Will
  - Statewide Registry
  - National Registry



# Donor Evaluation and Management

- ❖ Starts with a medical-social history interview:
  - ❖ Identify high risk behaviors
- ❖ Thorough physical assessment:
  - ❖ Identify evidence of viral or bacterial infections
  - ❖ Assess for IVDA, STDs, tattoos, piercings
  - ❖ Critical care assessment of all systems



# Organ Allocation

Donor ID: YC025

Donor Summary Matches OPO Console **Match Results**

phone donor snapshot jump to find report print import access allocation close match

## LIVER MATCH RESULTS

**Allocation used: Adult Donor Liver Allocation Algorithm**

Before offering the liver using the intestine match, you must first offer the liver or combined liver and intestine to each potential recipient on this match run (including all MELD/PELD potential recipients) through national Status 1A and 1B classifications.

DCD Donor Match  
OPO Contact Number : (608) 262-2122

**Blood Type: O**

Note: These data are provided for organ allocation and monitoring purposes and are subject to applicable privacy and confidentiality regulations. Use of these data for any other purpose is not sanctioned by the OPTN/UNOS and may require compliance with Federal Policy for the Protection of Human Subjects. Seek guidance from your counsel or Institutional Review Board (IRB) before using these data for any other purpose.

[Electronically Notify](#) [View all Provisional Acceptances>>](#)

Match ID: 800327 LI Per Page: 20 Hide empty classifications - Page 1 of 388

Combined OPO and Regional LI Status 1A - Adult and Pediatric Age 0-17  
Combined OPO and Regional LI Status 1B - Pediatric, Age 0-17

### OPO LI MELD/PELD >= 15 - Adult and Pediatric Age 0-17

Seq#	Center	Name	SSN	Age	LI seg	Donor Weight (lbs)		Score	Other Organs	Email/Fax Status	Offer Response
						Min	Max				
1	WUW-TX1		***-2-8823	35	Y	40	440	38.0000			X 830
2	WUW-TX1		***-6-9982	34	Y	40	440	37.0000			X 830
3	WUW-TX1		***-8-9068	42	Y	40	440	34.0000			X 830
4	WUW-TX1		***-0-0970	55	Y	40	440	22.0000			X 830
5	WUW-TX1		***-4-1978	55	Y	40	440	19.0000			X 830
6	WUW-TX1		***-2-0897	47	Y	40	440	18.0000			X 830
7	WUW-TX1		***-8-8113	60	Y	40	440	18.0000			X 830
8	WUW-TX1		***-8-1565	61	Y	40	440	17.0000			X 830
9	WUW-TX1		***-4-9850	56	Y	40	440	17.0000			X 830
10	WUW-TX1		***-6-0778	53	Y	40	440	17.0000			X 830
11	WUW-TX1		***-6-2732	65	Y	40	440	16.0000			X 830
12	WUW-TX1		***-2-9870	51	Y	40	440	16.0000			X 830
13	WUW-TX1		***-2-6889	58	Y	40	440	16.0000			X 830

# Who Receives the Organs

52 year old female

ABO: A

Height: 5'5"

Weight: 135 lbs

PMH: Nonsmoker, exercises 3 times/week, EF=55%





# Once Organs are Accepted

- Setting OR time after all organs accepted
- Transplant centers contact their recipients
- Arranging out of state transportation
- All centers need to be at the recovery and ready to begin at the same time



# The Legacy



# Questions?

