



Better healthcare,  
realized.

# Transplant-Living Donation

April 2018

# Benefits of Transplantation

## No More Dialysis = Higher Quality of Life

- More Free Time
  - Ability to work and continue school
  - Ability to travel
  - More time with loved ones
- Fewer or no diet and fluid restrictions
- Increased patient control
- Increased energy
- Improvement dialysis related conditions, high blood pressure, “restless legs”, shortness of breath, etc.
- Increased Life Expectancy, for example a 30 year old on dialysis has a 15 year life expectancy, deceased donor kidney 30 years, Living related donor 40 years
- Decreased hospitalizations



# National and Network Waitlist Statistics

## National Average

114,823 Patients currently on the kidney transplant waitlist

759,789 ESRD patients

**15 %** Rate of the dialysis population active on the transplant list.

## Network Average

4026 Patients currently on kidney transplant list

33,571 ESRD patients

**11.9 %** Rate of dialysis population active on the transplant list

**Ohio 2148**

**Kentucky 768**

**Indiana 1110**



14 Transplant center in Network in Network 9

631 Dialysis facilities in Network 9

# Types of Transplantation



**Cadaver Donor:** This is a kidney which comes from a person who has just died and the family has given permission for the kidneys to be donated for transplant.

**Living related:** A kidney which comes from a blood relative such as a parent, brother or sister

**Living non related:** A donated kidney from someone not related to the person who needs a transplant such as a spouse or friend.

# Living donation related and non-related



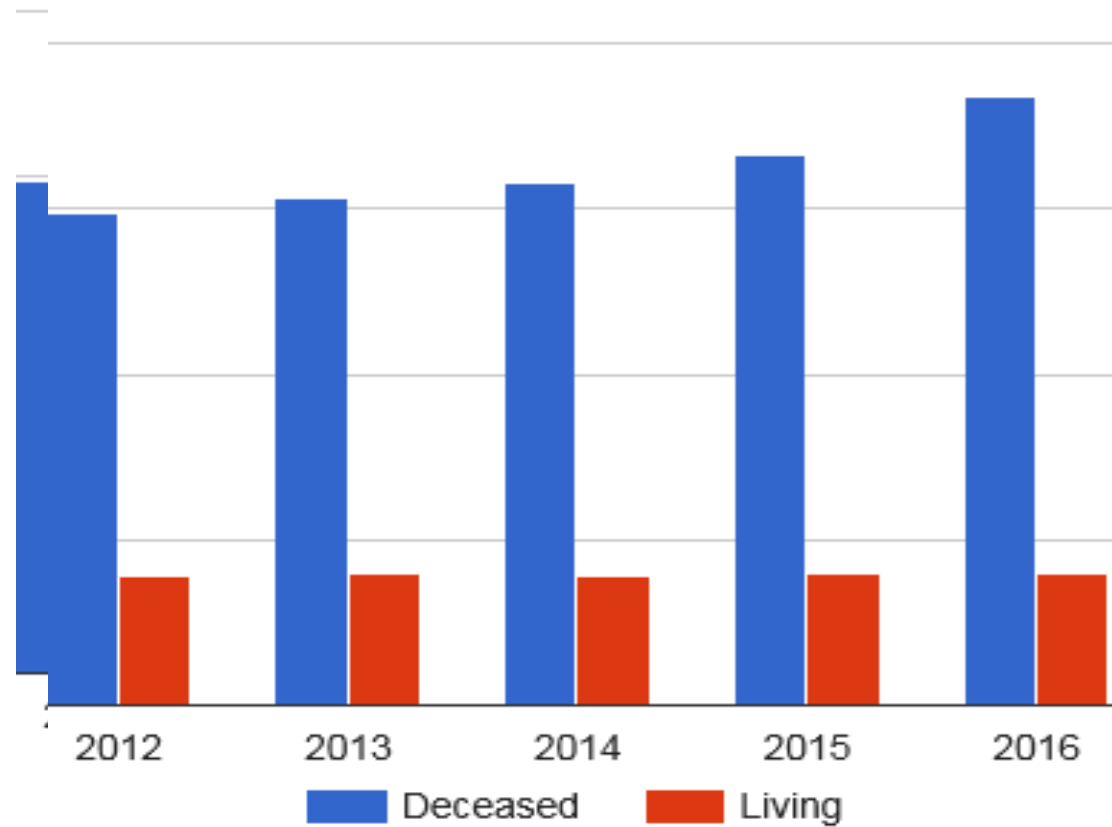
## Pros of living donation:

- More control over timing of the transplant
- Kidney from living related donors tend to be better matches
- Waiting time is reduced
- None living related donors, since nonliving donors are not related genetic factors are not a problem
- You are immediately wait-listed if you identify a living donor

# Living Donation Nationally

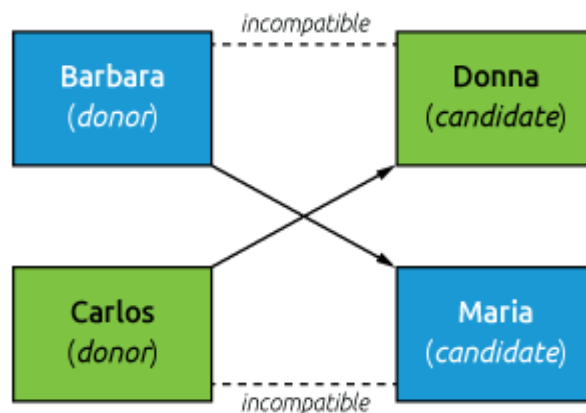
Year	Deceased Donor Transplants	Living Donor Transplants
2012	22,187	5,866
2013	22,967	5,987
2014	23,715	5,818
2015	24,980	5,989
2016	27,630	5,982
<b>Total</b>	<b>121,479</b>	<b>29,642</b>

Trends in Living donation



# Paired Donation “kidney exchange”

- The exchange involves two pairs of living kidney donors and transplant candidates who do not have matching blood types.
- The two candidates “trade” donors so that each candidate receives a kidney from a donor with a compatible blood type.



For example, in figure 1, Barbara wants to donate to her sister Donna, but they do not have matching blood types. Carlos wants to donate to his wife Maria, but they are also not compatible. By “swapping” donors so that Carlos matches Donna and Barbara matches Maria, two transplants are made possible. This type of exchange often involves multiple living kidney donor/transplant candidate pairs

# The Psychosocial Evaluation

A series of in-depth questions used to assess the donor's mental and psychological health status.

Questions may include:

- Any history of “high risk” behavior
- Any history of mental health
- Financial status
- Why you want to donate and how it could potentially affect your life
- Describe your support system





<https://www.kidney.org/transplantation/livingdonors>



“26 million people in the U.S. are affected by kidney disease and 90% don’t know they have it”

National Kidney Foundation TV Commercial: The Big Ask, Going In Style

<https://www.ispot.tv/ad/wk3v/national-kidney-foundation-the-big-ask-going-in-style>

# Andrea Mason

Living donation recipient

Living non-related transplant



# Any Questions?



# IPRO ESRD Network of the Ohio River Valley

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# Thank You



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