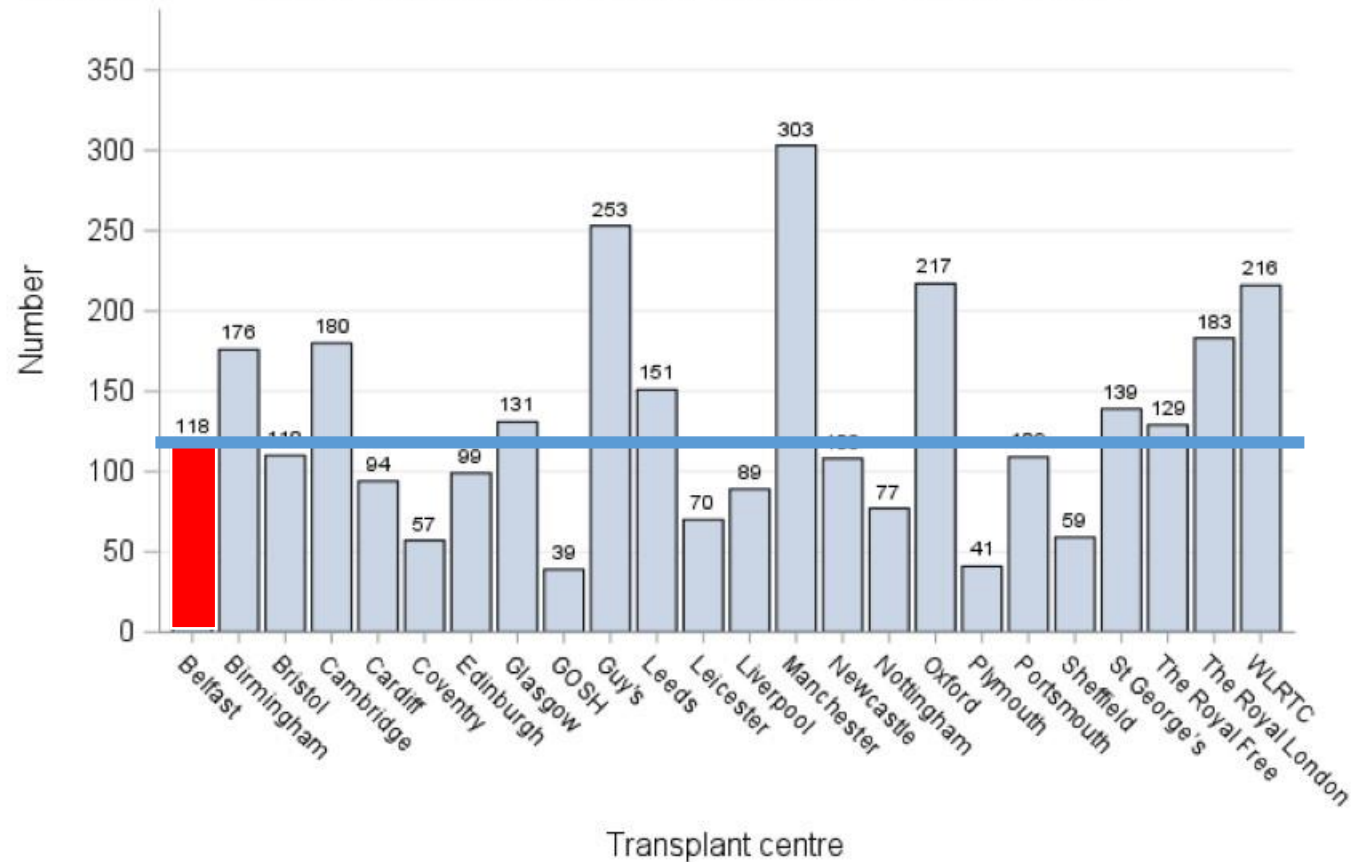


NI Transplantation

NI Kidney Research Fund
Annual General Meeting
27 June 2023

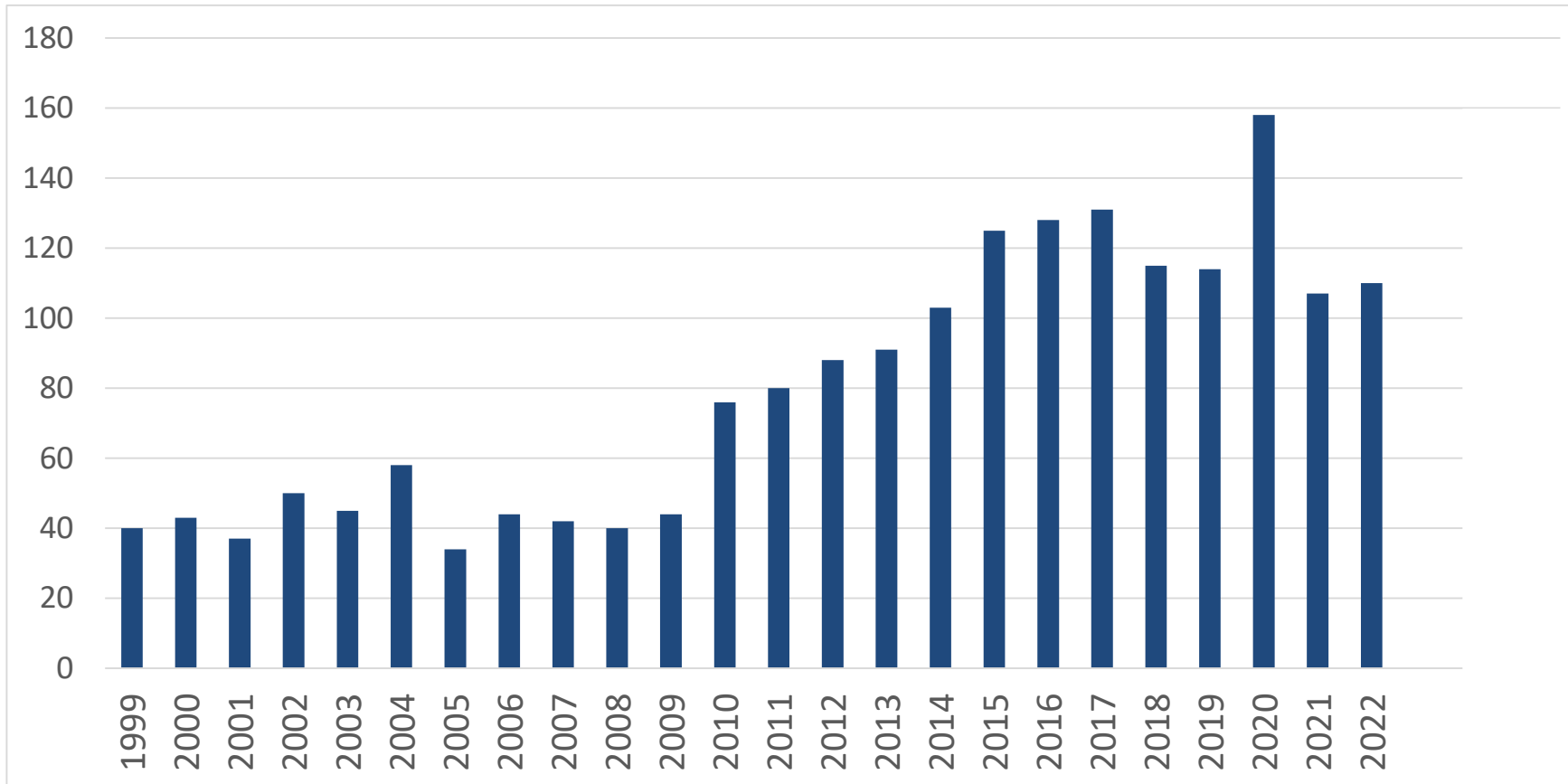
Aisling Courtney

Figure 2.4 Kidney transplants by centre, 1 April 2021 - 31 March 2022

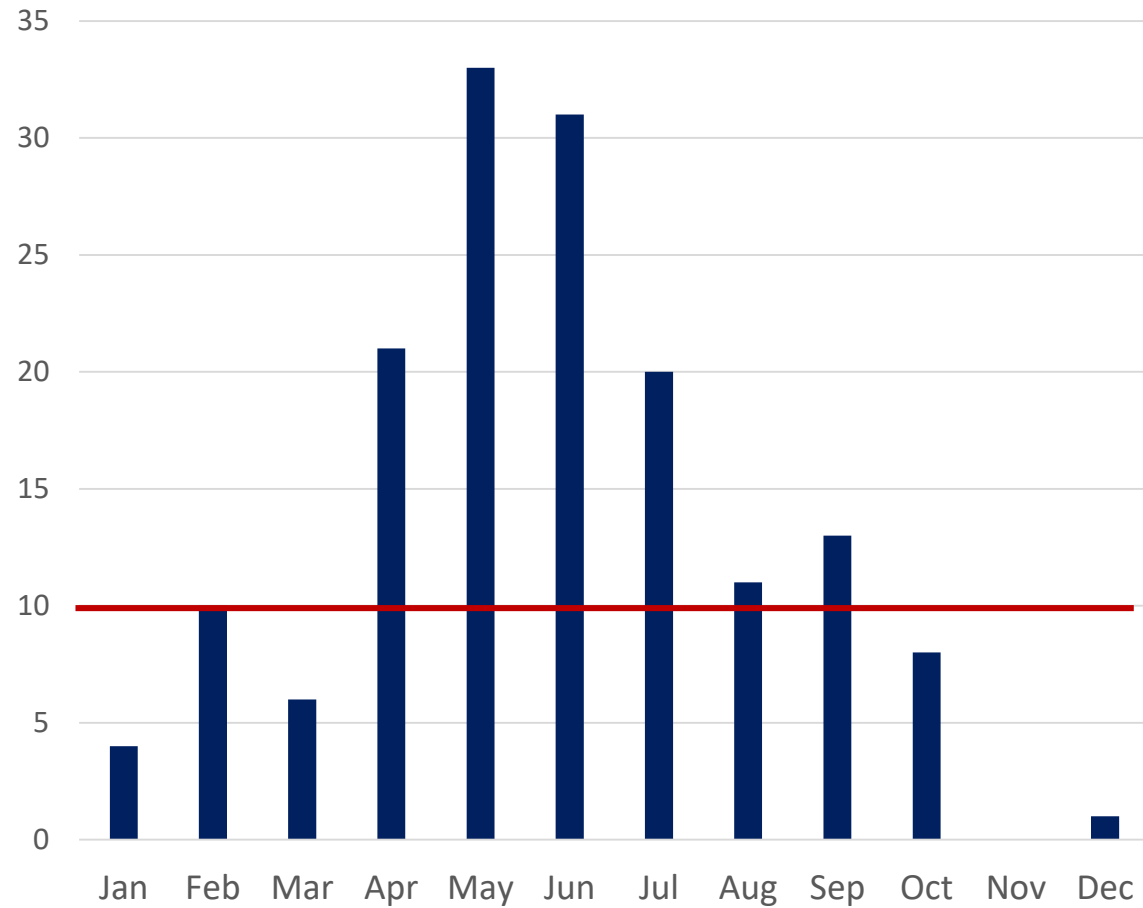


Belfast transplants

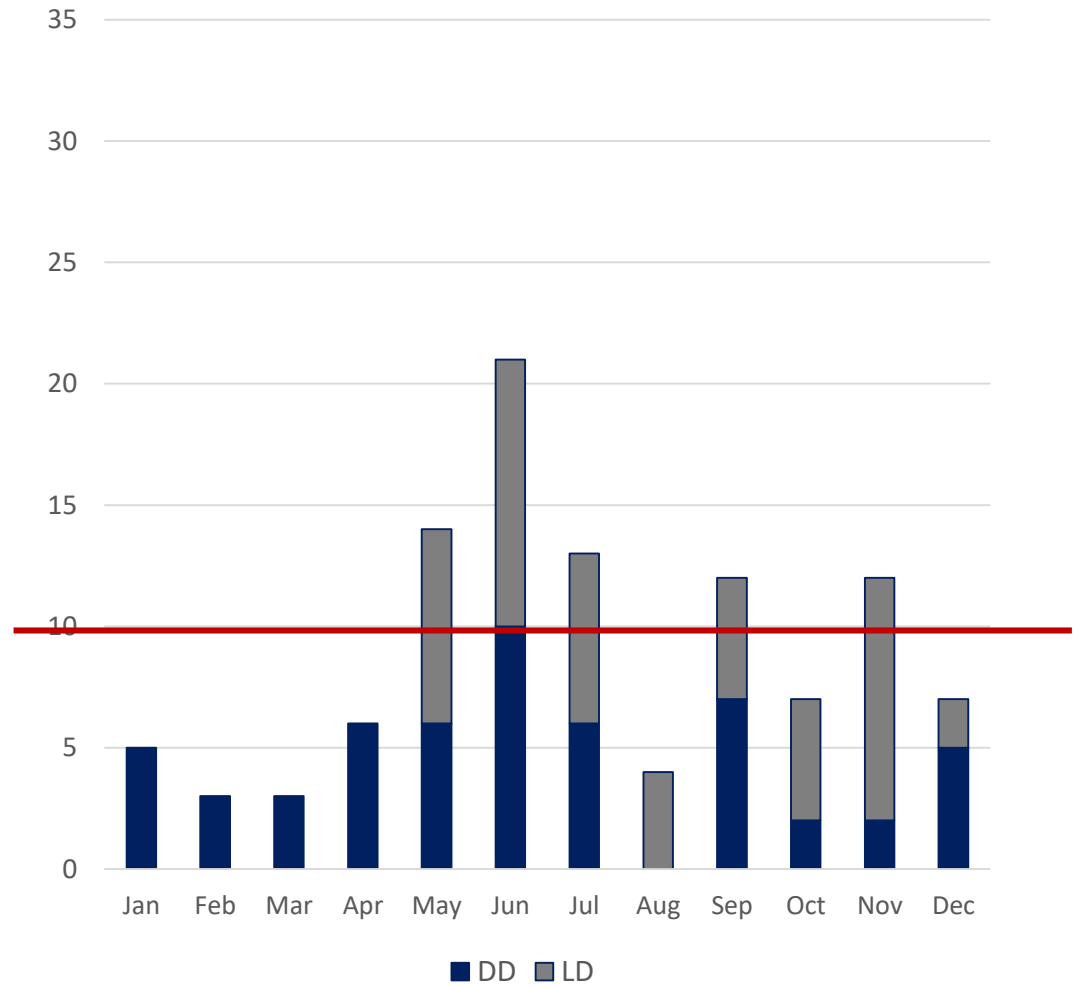
n=110



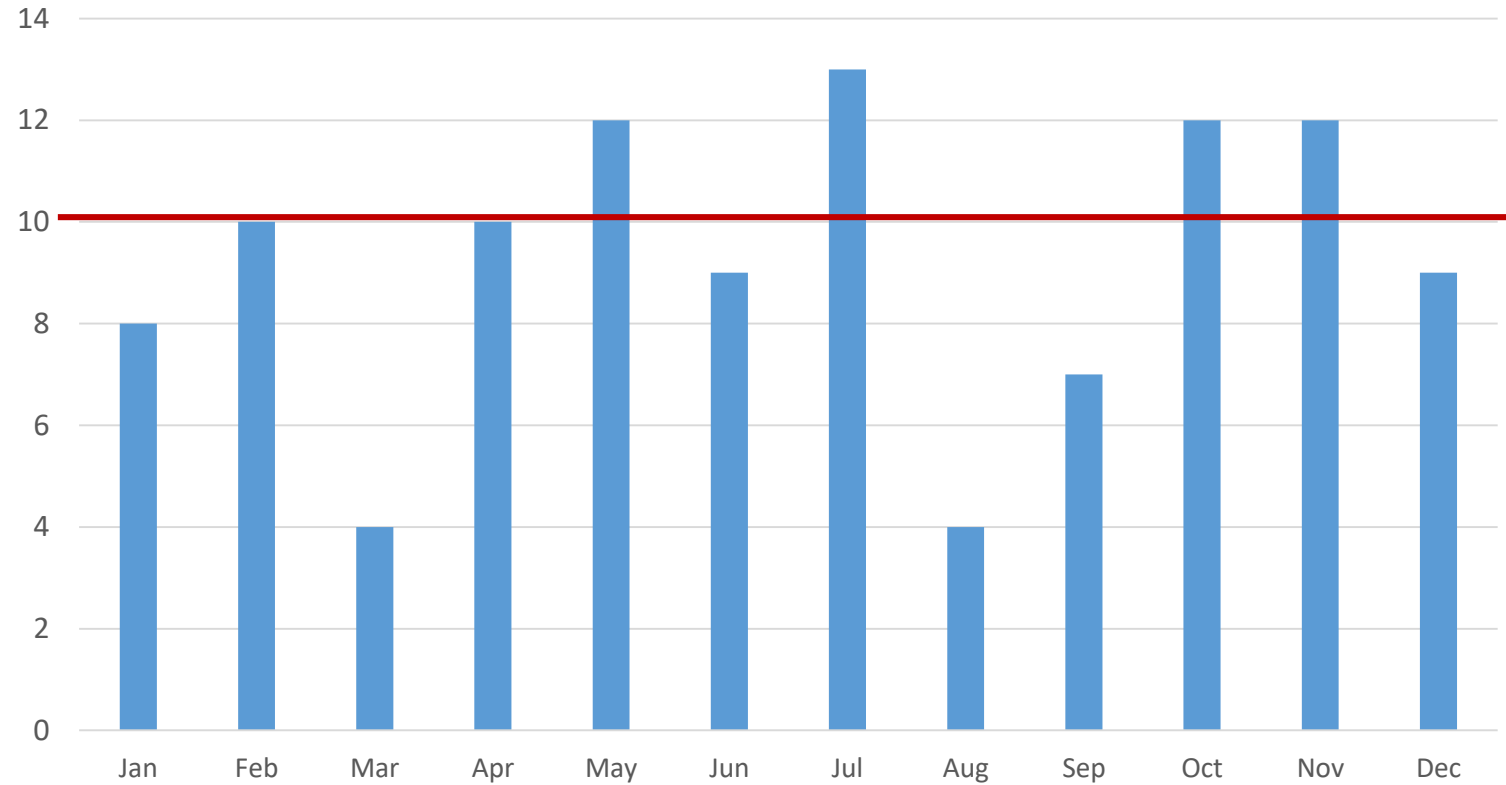
2020 Tx activity



2021 Tx activity



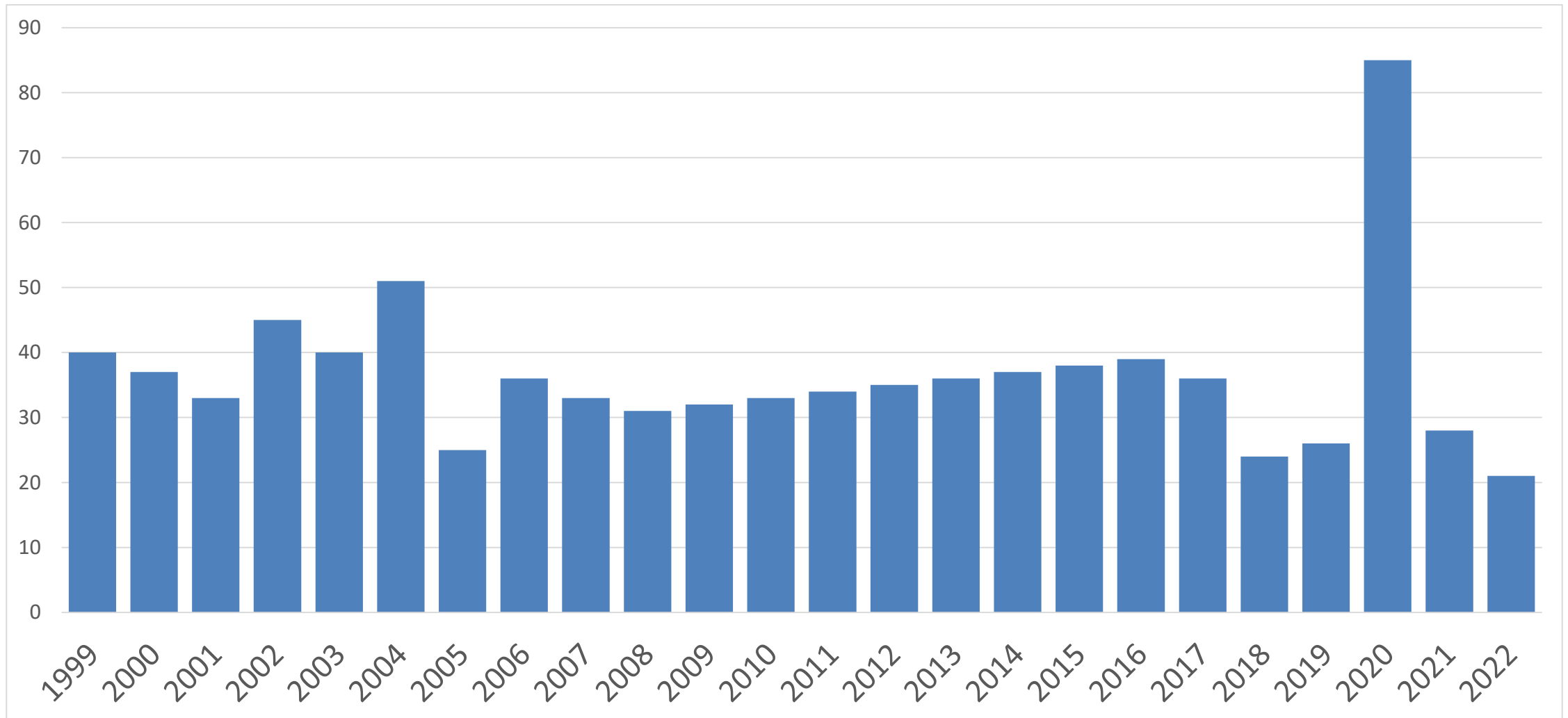
2022 Tx activity



Deceased donors

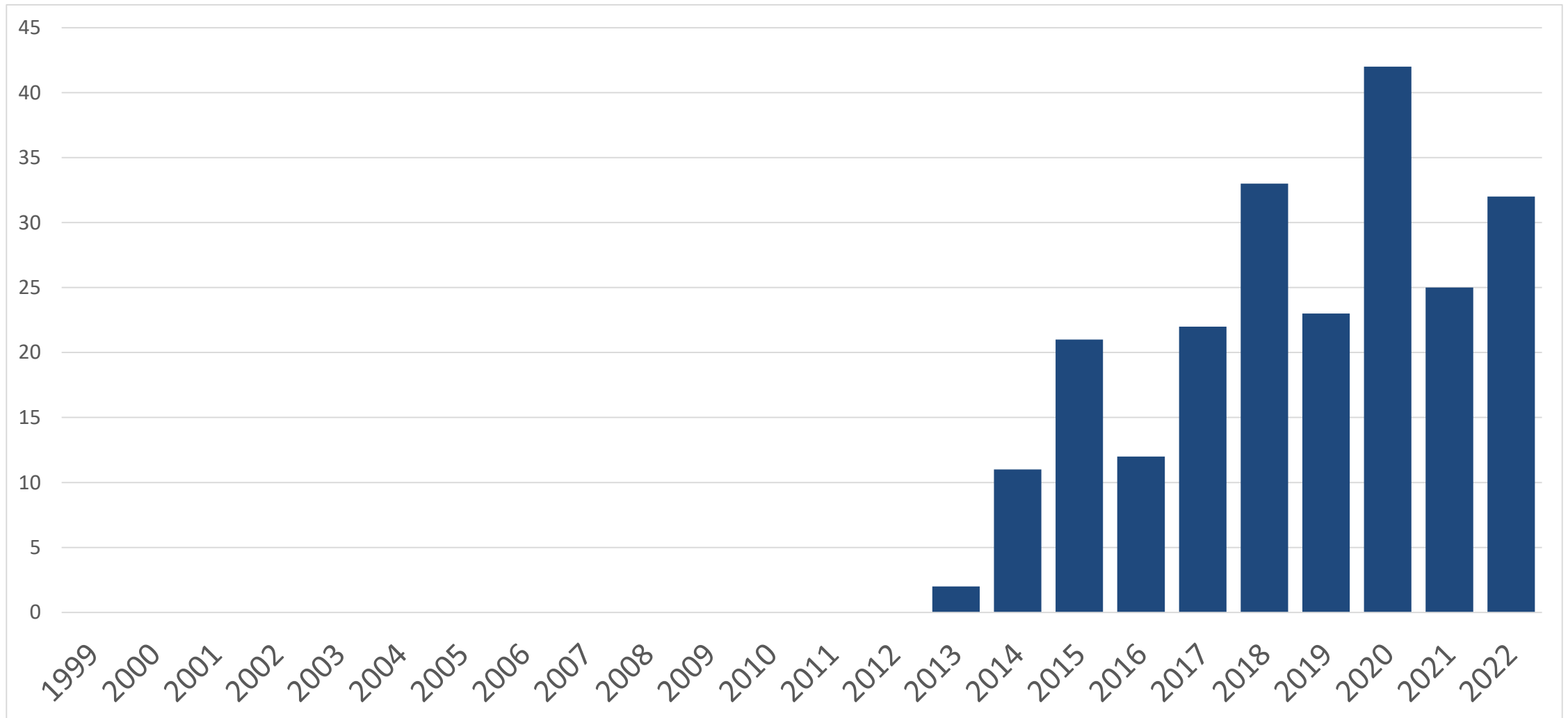
DBD transplants

n=21



DCD transplants

n = 32



Fast track scheme

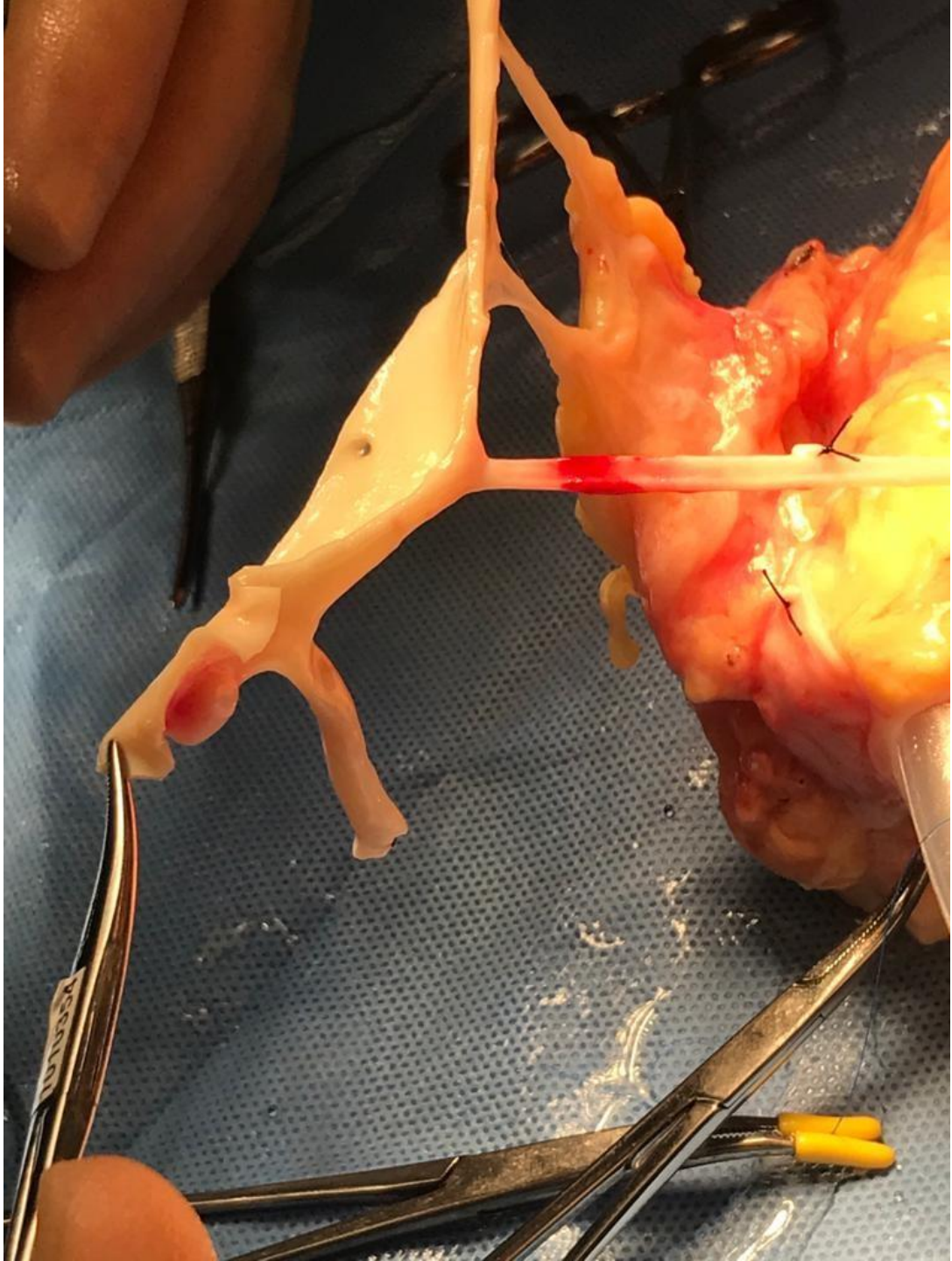
- Goal – minimise discard of DD kidneys
- Process
 - Simultaneous information via text alert to all who have expressed interest
- Triggers
 - DBD decline by 5 units, DCD decline by 3 units
 - cold ischaemic time (kidney already retrieved)

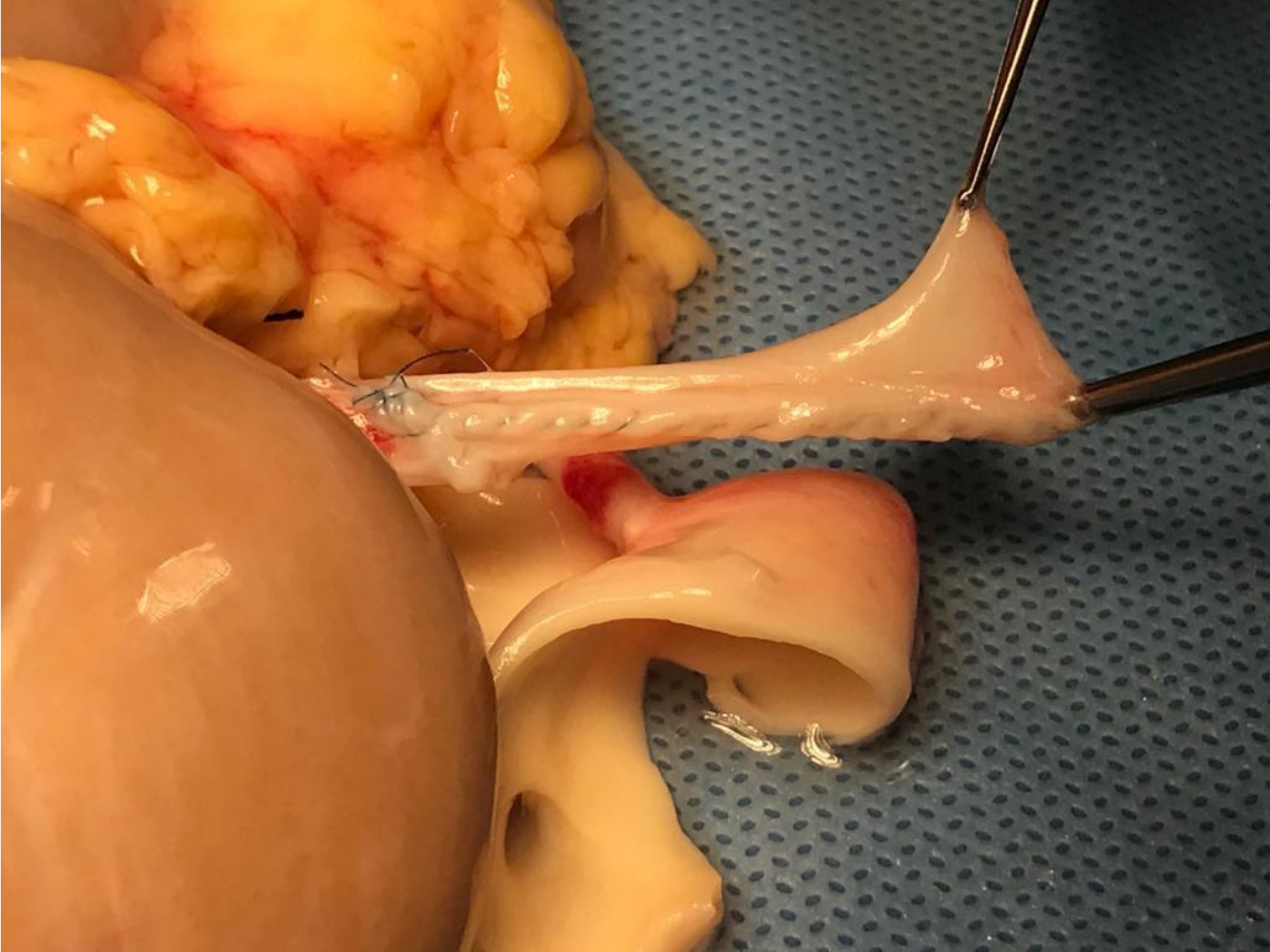
FAST TRACK OFFER OF RIGHT
KIDNEY Donor: [150568](#), Hospital:

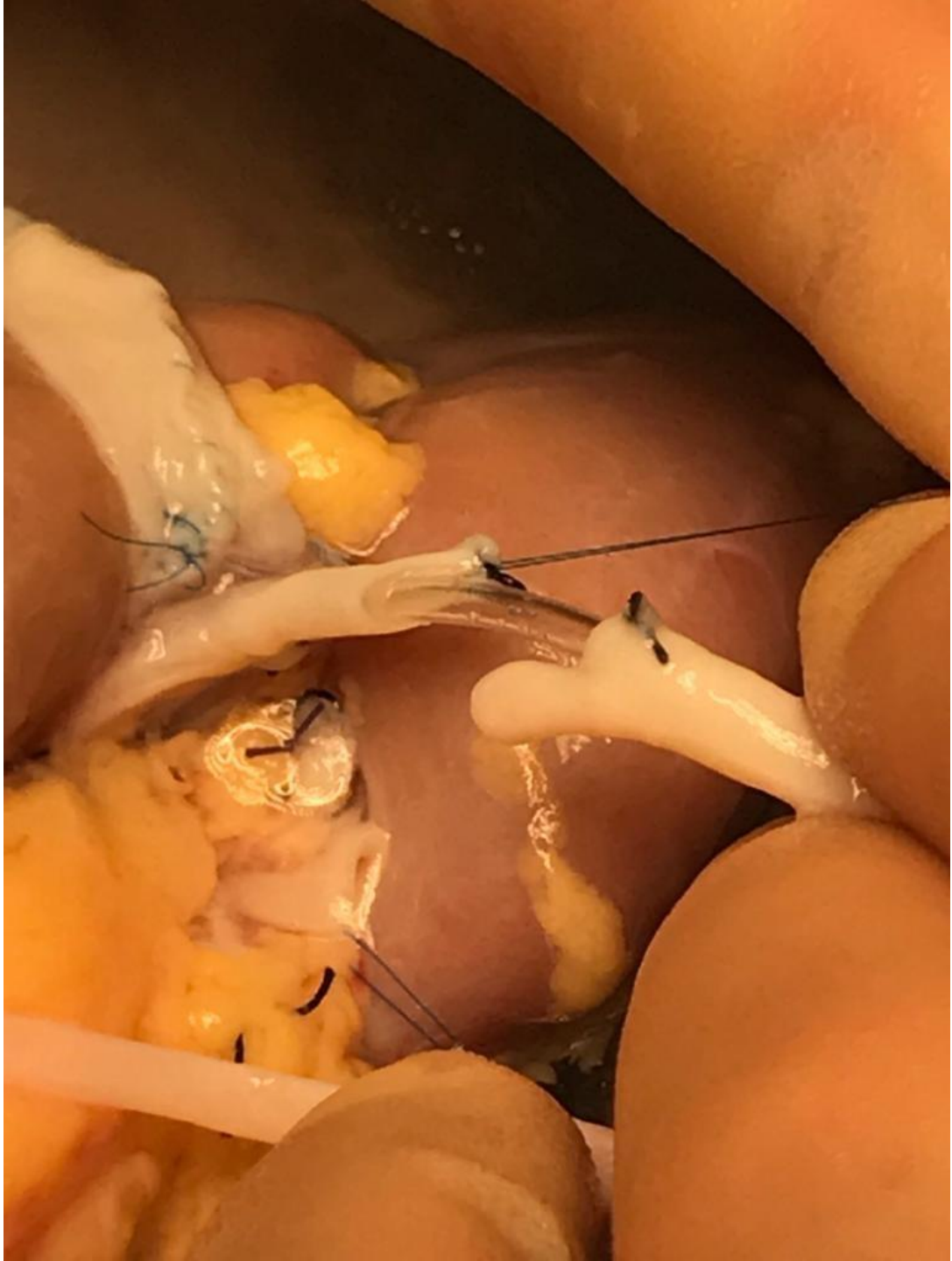
ROYAL, Asystole: 07:37, Offer made
with HLA, Fast track trigger point
met: DEEMED

UNTRANSPLANTABLE - THIS
OFFER EXPIRES AT 17:15 - PLEASE
SEE EOS. A COVID-19 FORM IS
AVAILABLE PLEASE CALL HUB
OPERATIONS FOR A COPY TO BE
SENT

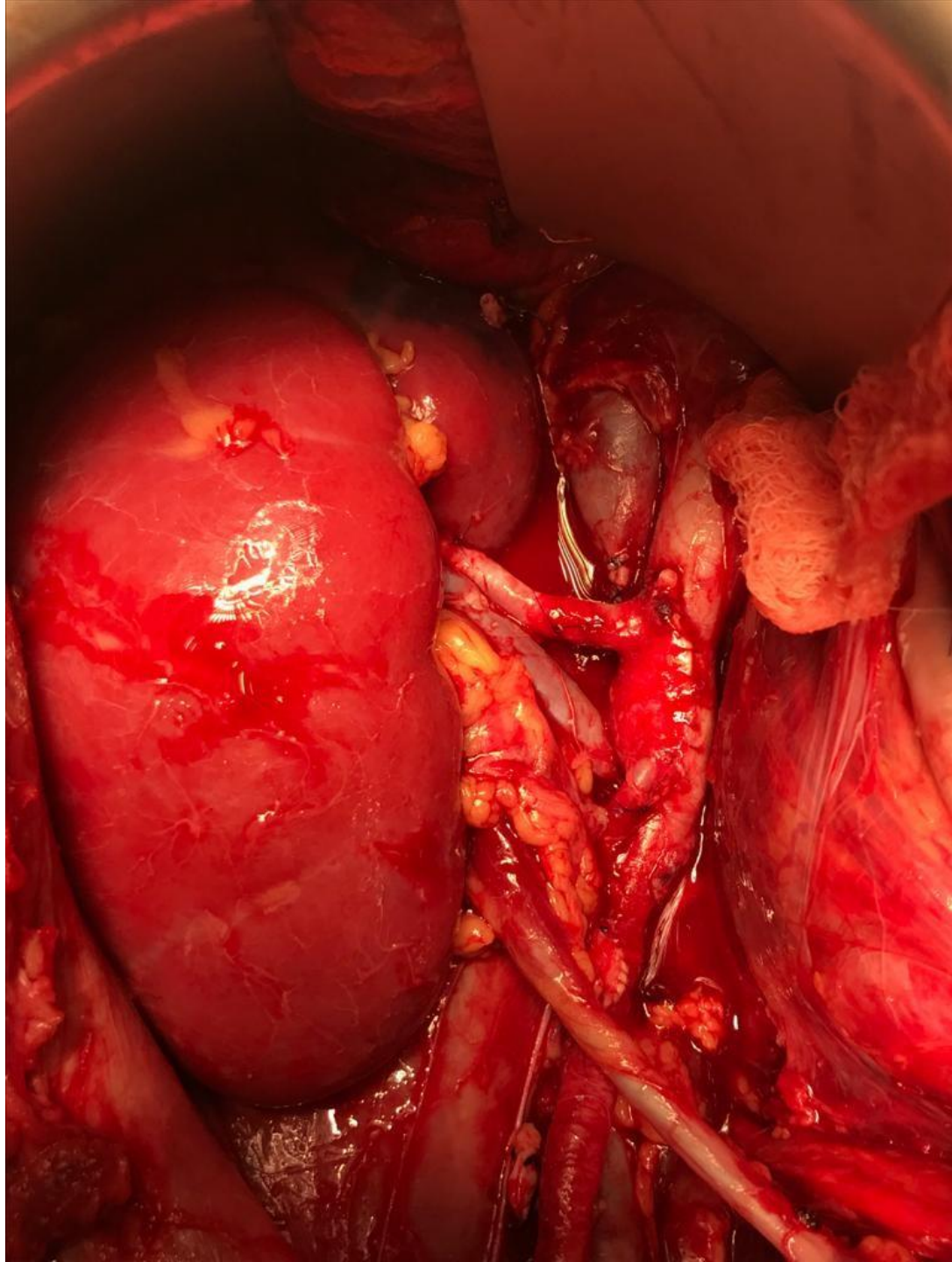




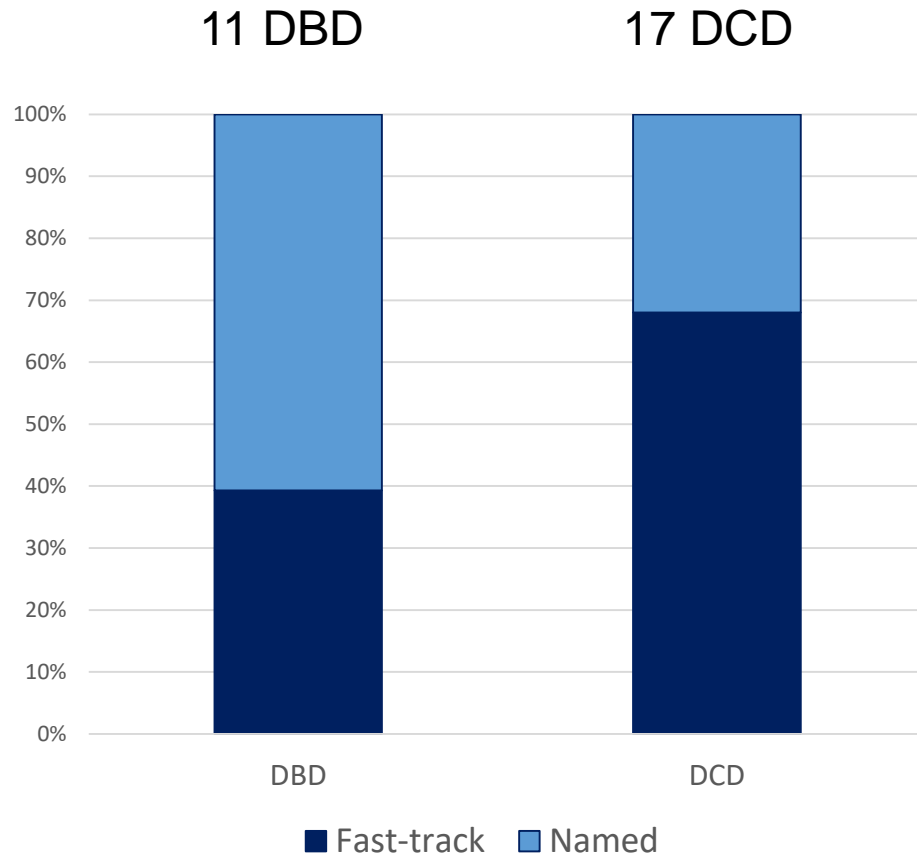




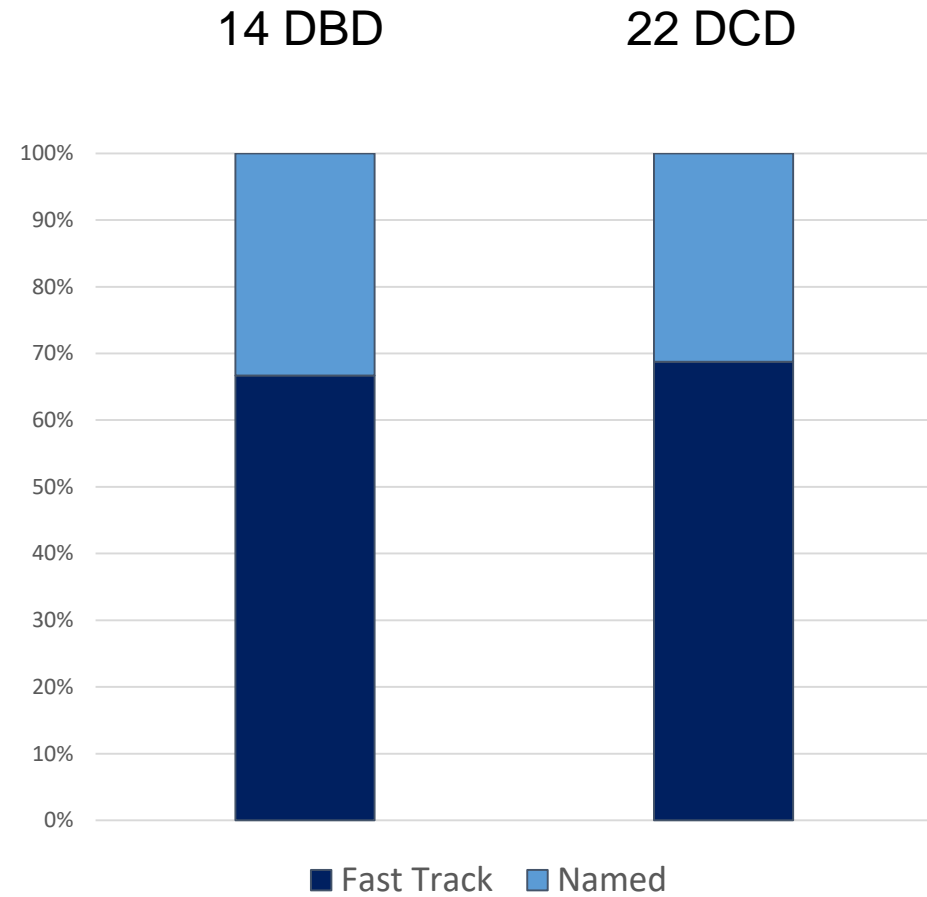




Fast tracks

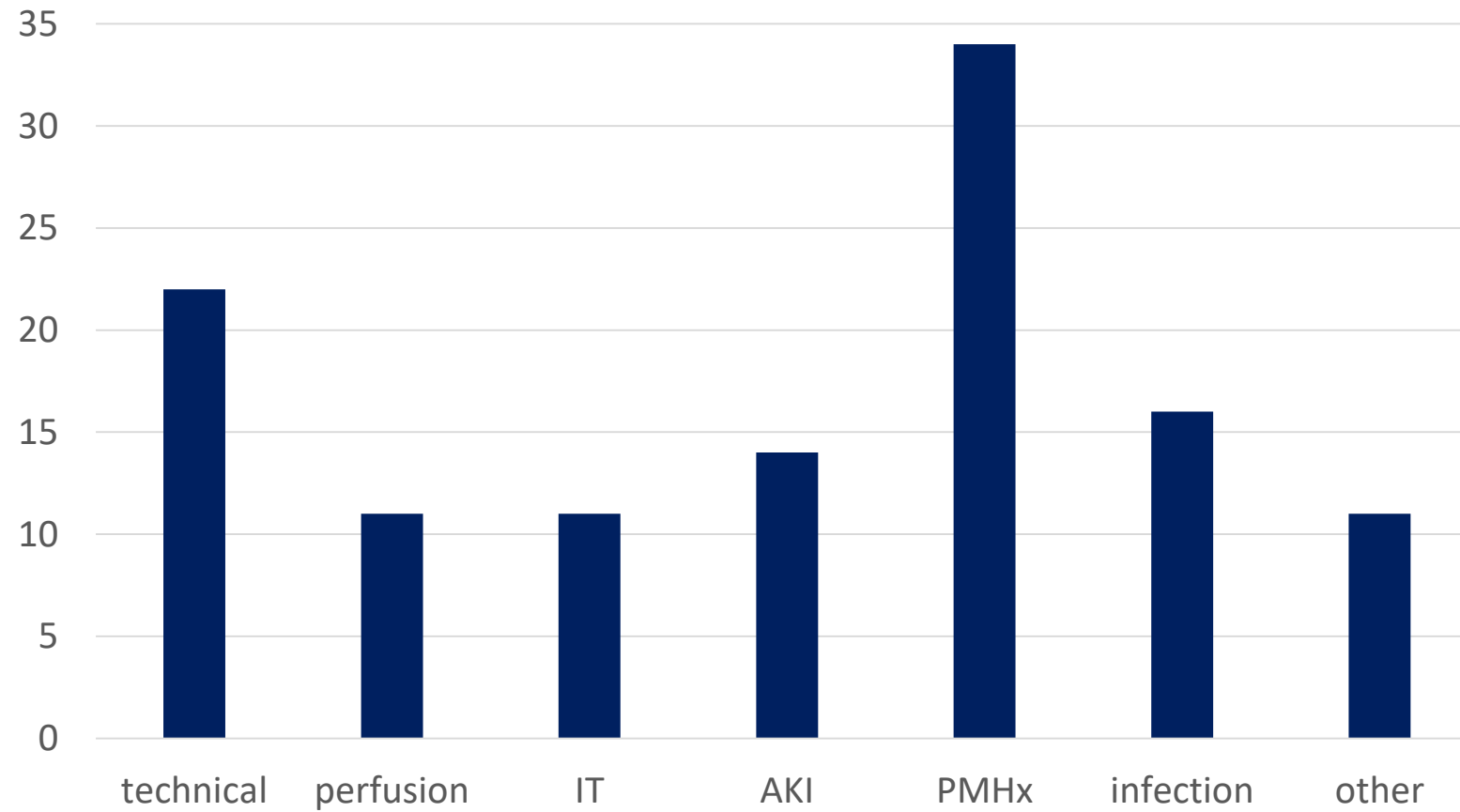


2021 28/53 (52%)



2022 36/53 (68%)

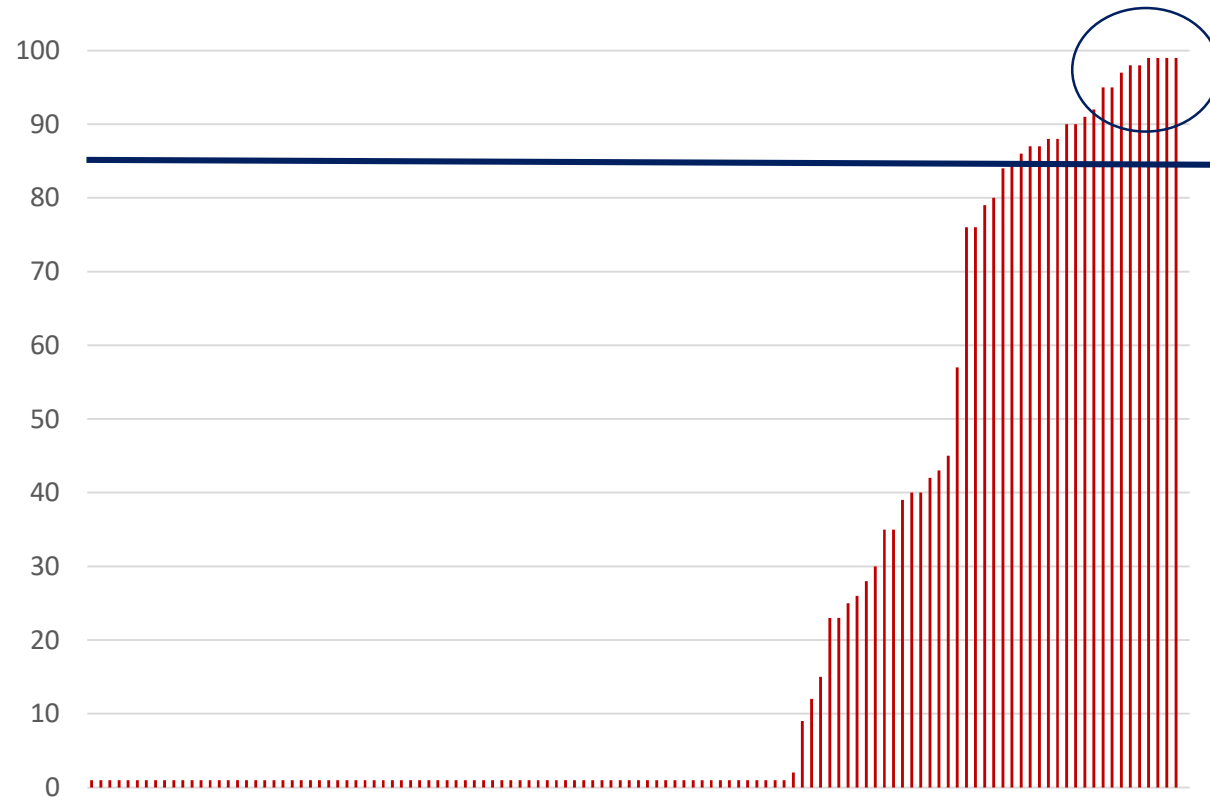
Category distribution



Pathology department

Professor Declan O'Rourke

Sensitisation



19 (16%) highly sensitised cRF $\geq 85\%$

9 (8%) very highly sensitised cRF $\geq 95\%$

Comments from Belfast

- Fasttracks *are* fabulous (and a lot of effort)
- 1-year creatinine ≤ 140 $\mu\text{mol/l}$ for almost all categories
- Opportunity for highly sensitised, re-transplants, pre-emptive

BUT

- Donor selection is important
- Recipient selection is key

Living donors

LD transplants

n = 57

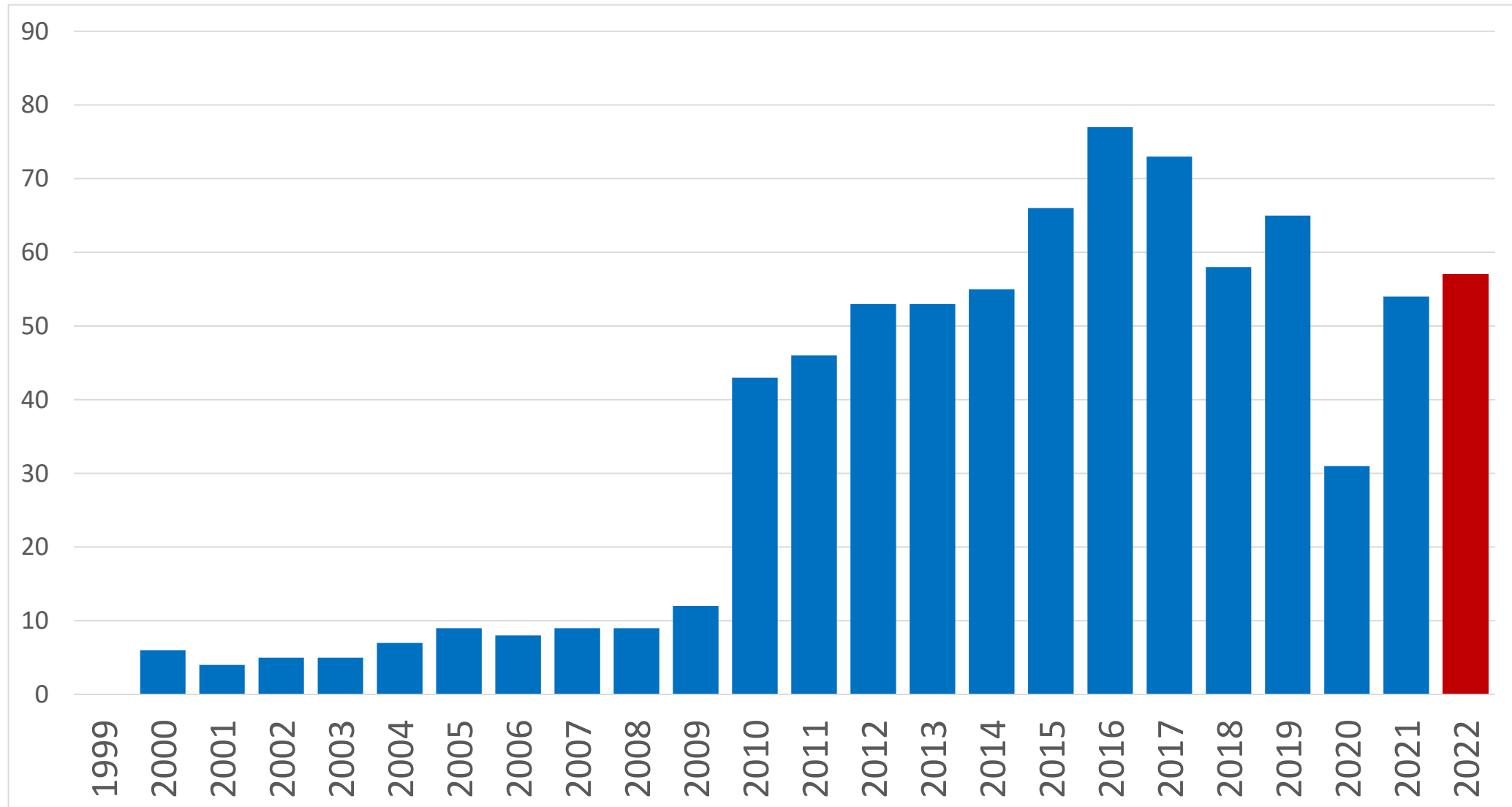


Figure 2.8 Living donor kidney transplant rates (pmp) by recipient country/NHS region of residence

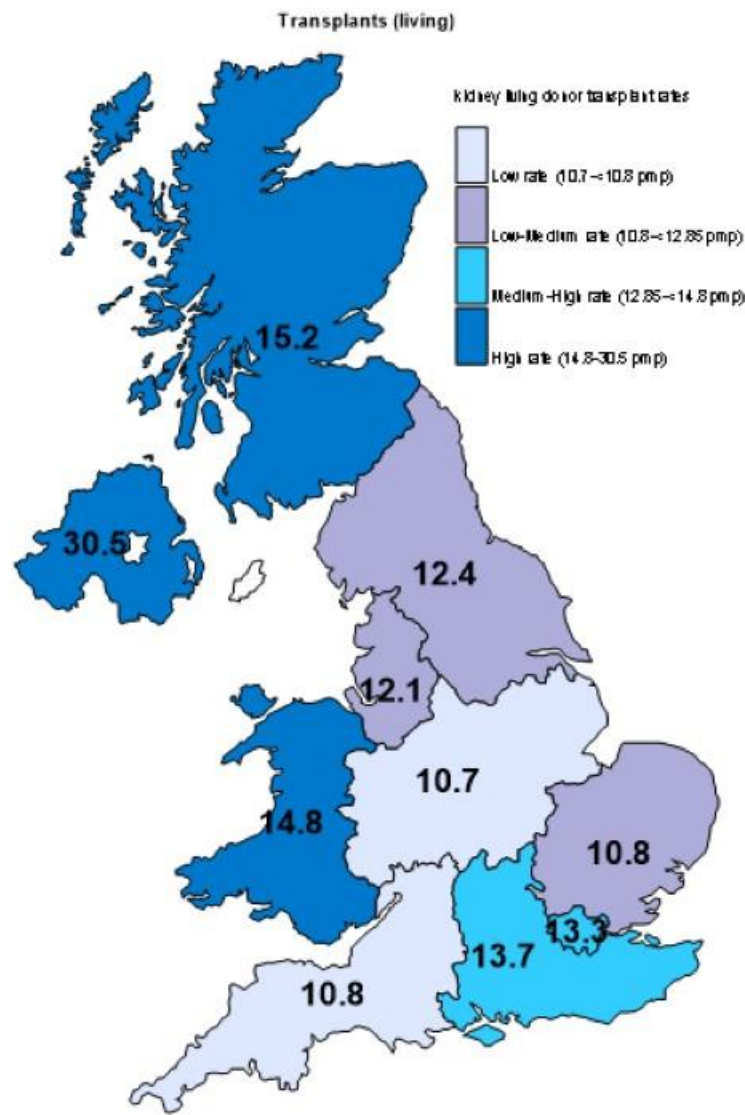
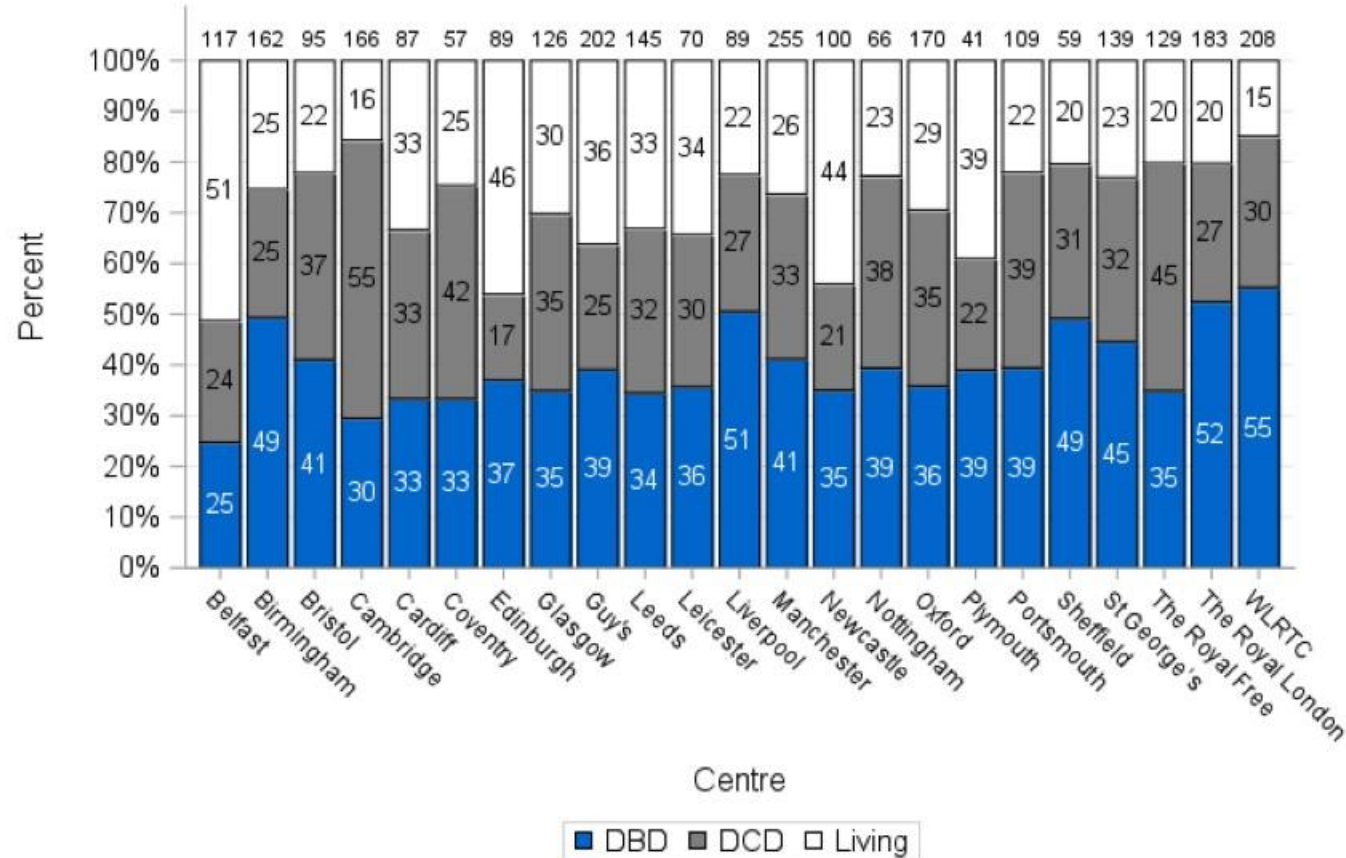


Figure 5.3 Adult kidney only transplants, 1 April 2021 - 31 March 2022



Domino

Donor

- 45 yr. F

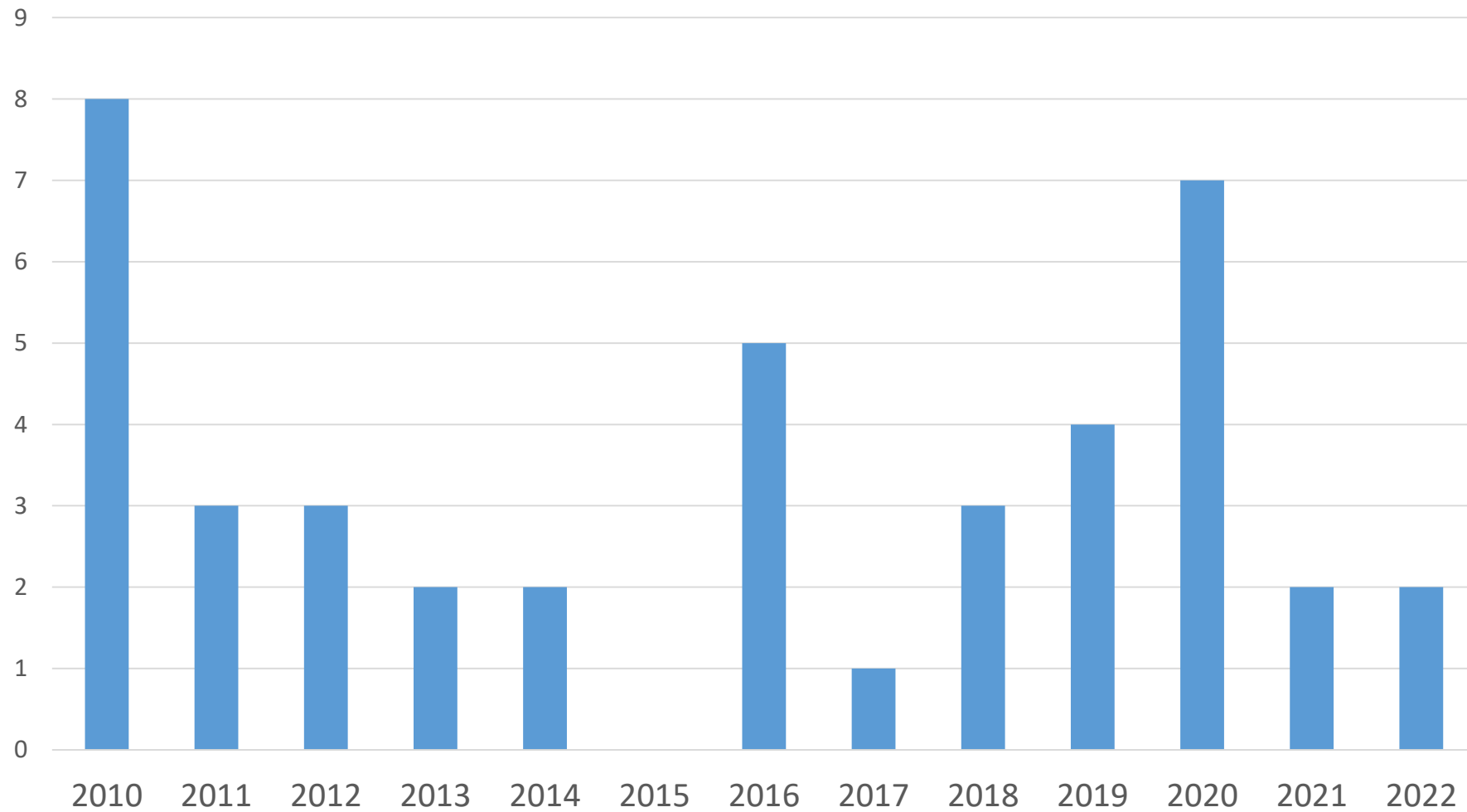
Recipient

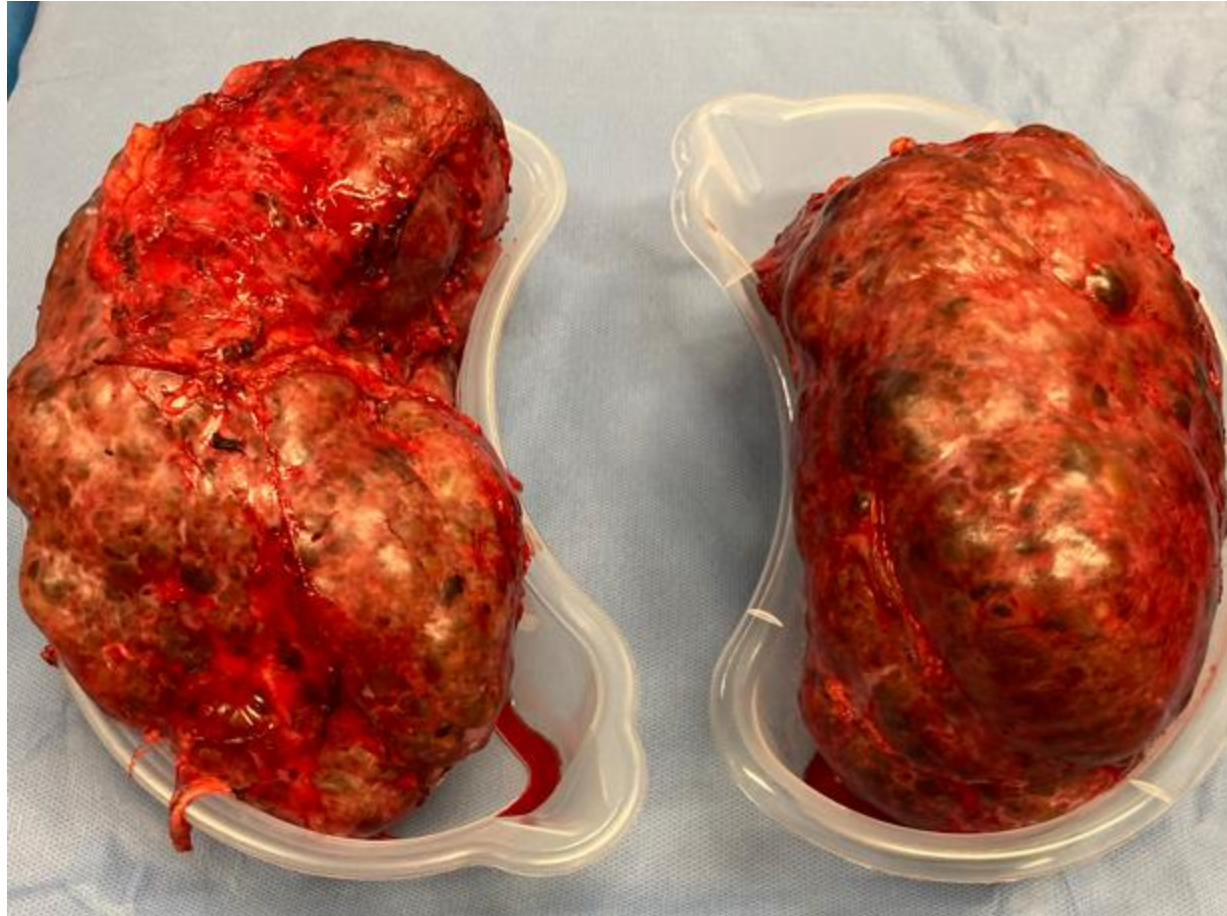
- 57 yr. F
- Dialysis challenging



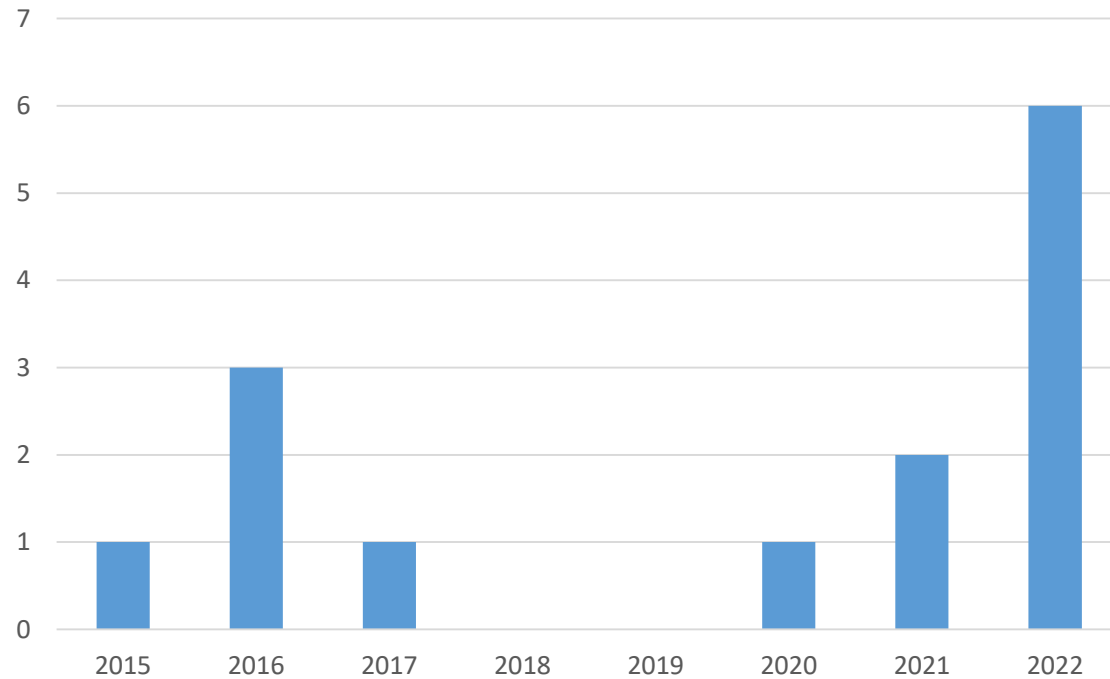
Recipients

Paediatric





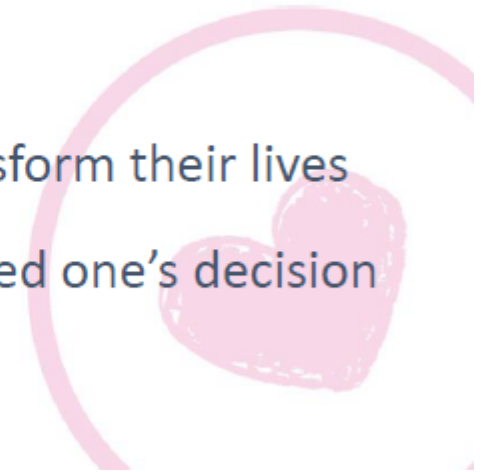
Republic of Ireland



- 11/14 KSS
- 6/14 ABOi
- 2/14 HLAi and ABOi

Legislative change

- 90% of people in Northern Ireland support organ donation
- 51% of people have opted-in to the NHS Organ Donor Register
- 122 patients in Northern Ireland are on the transplant waiting list
- Last year in NI, 55 donors enabled 127 transplants to take place across the UK
- Last year in NI, there were 64 living donors
- Last year, 156 patients in NI received a transplant to save and transform their lives
- Only half of families agree to donation if they don't know their loved one's decision
- This rises to 9 out of 10 when their loved one's decision is known



Dáithí's Law

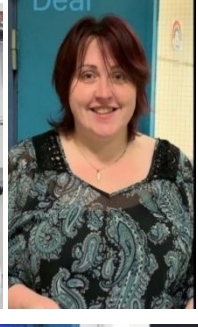


**YOU
COULD BE A
LIFE SAVER**

Welcome to Organ Donation Northern Ireland!

Find out everything you
need to know about organ
donation, and about how
organ donation law has now
changed

Find out more



Staff

Lab

Nurses

Surgeons

Nephrologists

Trainees

Coordinators

Administrative

Domestic

Summary

- 2022 some, but yet incomplete, return to 'normal'
- Remarkable achievements in deceased donation and still leading the way in the UK for living donation
- Reflection of extraordinary teamwork, including support from NIKRF