Paediatric patients who died in a PICU
2018/19
Flow of paediatric patients through the donation pathway (PDA data)

2017/18

- Audited deaths (n=593)
  - Met referral criteria (n=254, 43%)
    - Eligible donor (n=208, 82%)
      - Family approached (n=108, 52%)
        - Consent/ authorisation given (n=47, 44%)
          - Actual solid organ donors (n=35, 74%)

2018/19

- Audited deaths (n=560)
  - Met referral criteria (n=214, 38%)
    - Eligible donor (n=178, 83%)
      - Family approached (n=95, 53%)
        - Consent/ authorisation given (n=55, 58%)
          - Actual solid organ donors (n=42, 76%)
Age distribution, April 2018 – March 2019

- Audited deaths: 1
- Meeting referral criteria: 1
- Eligible donors: 1
- Eligible donors whose families were approached: 6
- Eligible donors consented to organ donation: 9
- Eligible donors proceeding to organ donation: 10
Audited deaths by hospital, April 2018 – March 2019

National: 560 deaths

5 hospitals with 35 or more audited deaths

- Alder Hey: 52
- Royal Brompton: 47
- King's: 21
- St. George's: 13
- Royal London: 11

Other hospitals with audited deaths:
- Bristol: 14
- Edinburgh: 11
- Glasgow: 24
- Leeds: 10
- Leicester Gen: 10
- Freeman: 9
- Middlesborough: 6
- Oxford: 4
- Nottingham: 3
- Sheffield: 12
- Southampton: 4
Number of neurological death tested/not tested patients by hospital, April 2018 – March 2019

National: 56 deaths where neurological tests were performed.

National: 20 deaths where neurological death was suspected and neurological tests were not performed.
Reason why neurological death tests were not performed, April 2018 – March 2019

- Family declined donation: 6 (30%)
- Family pressure not to test: 2 (10%)
- Treatment withdrawn: 3 (15%)
- Continuing effects of sedatives: 2 (10%)
- Biochemical/endocrine abnormality: 1 (5%)
- Inability to test all reflexes: 3 (15%)
- Clinical reason/Clinicians decision: 2 (10%)
- Other: 1 (5%)

Blood and Transplant

Yes I donate
ORGAN DONATION
Neurological death tests performed by age, April 2018 – March 2019

Median (IQR) age of those tested: 7 (2-13.5)
Median (IQR) age of those not tested: 1 (0-6.5)
Eligible donors by hospital, April 2018 – March 2019

National: 54 eligible DBD and 124 eligible DCD donors
Eligible donors by hospital and whether the family were approached, April 2018 – March 2019

National: 95 families of eligible donors were approached for organ donation and 83 were not approached.
Reason families of eligible donors were not approached, April 2018 – March 2019

- Family stated that they would not support donation before they were formally approached: 11 (13%)
- Family considered too upset to approach: 19 (23%)
- Coroner/Procurator Fiscal refused permission: 16 (19%)
- Patient’s general medical condition: 8 (10%)
- Other medical reason: 25 (30%)
- Not identified as a potential donor/organ donation not considered: 2 (2.5%)
Number of approaches where a SNOD was present/not present by hospital, April 2018 – March 2019

National: A SNOD was present in 74 approaches and not present in 21.
Number of families consented/authorised organ donation by hospital, April 2018 – March 2019

National: 55 families supported organ donation and 40 did not
Reason families of eligible donors did not support organ donation, April 2018 – March 2019

- Family were not sure whether the patient would have agreed to donation
- Family did not believe in donation
- Family felt it was against their religious/cultural beliefs
- Family were divided over the decision
- Family felt the patient had suffered enough
- Family did not want surgery to the body
- Family wanted to stay with the patient after death
- Family felt the length of time for donation process was too long
- Family concerned that other people may disapprove/be offended
- Family felt the body needs to be buried whole (unrelated to religious or cultural reasons)
- Family concerned that organs may not be transplanted
- Strong refusal - probing not appropriate
- Other
Number of proceeding/non-proceeding donors by hospital, April 2018 – March 2019

National: There were 42 proceeding donors and 13 non-proceeding donors.
Reason eligible donors whose families consented/authorised organ donation did not proceed to organ donation, April 2018 – March 2019

- Family changed mind: 2 (15%)
- Coroner/Procurator Fiscal refusal: 1 (8%)
- Organs deemed medically unsuitable by recipient centres: 3 (23%)
- Organs deemed medically unsuitable on surgical inspection: 2 (15%)
- Prolonged time to asystole: 1 (8%)
- General instability: 1 (8%)
- Other: 3 (23%)
Transplants from proceeding donors by hospital, April 2018 – March 2019

![Bar chart showing the number of transplants from proceeding donors by hospital, April 2018 – March 2019. The chart includes hospitals such as Belfast, Birmingham, Cambridge, Edinburgh, Glasgow, Leeds, Leicester, Alder Hey, GOSH, Kings, Royal, St. Mary's, Royal London, Manchester, Middlesborough, Nottingham, Oxford, Sheffield, Southampton, Stoke-on-Trent, with varying numbers of DBD and DCD transplants.](image-url)
Deceased paediatric donors (aged under 18 years)  
2009/10 – 2018/19
Deceased paediatric donors (<18 years) by donor type, April 2009 – March 2019

Financial year

- **DBD**
- **DCD**

### Number

- **2009/10**: 28
- **2010/11**: 31
- **2011/12**: 30
- **2012/13**: 24
- **2013/14**: 38
- **2014/15**: 32
- **2015/16**: 30
- **2016/17**: 38
- **2017/18**: 36
- **2018/19**: 33

**Blood and Transplant**

[Yes I donate ORGAN DONATION]
Deceased paediatric donors (2 years and under) by donor type, April 2009 – March 2019