Paediatric patients who died in a PICU
2019/20
Flow of paediatric patients through the donation pathway (PDA data)

2018/19

Audited deaths (n=561)

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%)

2019/20

Audited deaths (n=572)

Met referral criteria (n=241, 42%)

Eligible donor (n=204, 85%)

Family approached (n=89, 44%)

Consent/ authorisation given (n=43, 48%)

Actual solid organ donors (n=28, 65%)
Age distribution, April 2019 – March 2020

<table>
<thead>
<tr>
<th>Category</th>
<th>Count</th>
</tr>
</thead>
<tbody>
<tr>
<td>Audited deaths</td>
<td>572</td>
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<tr>
<td>Meeting referral criteria</td>
<td>241</td>
</tr>
<tr>
<td>Eligible donors</td>
<td>204</td>
</tr>
<tr>
<td>Eligible donors whose families were approached</td>
<td>89</td>
</tr>
<tr>
<td>Eligible donors whose families consented to organ donation</td>
<td>43</td>
</tr>
<tr>
<td>Eligible donors proceeding to organ donation</td>
<td>28</td>
</tr>
</tbody>
</table>
Audited deaths by hospital, April 2019 – March 2020

National: 572 deaths
5 hospital with 35 or more audited deaths
National: 45 deaths where neurological tests were performed.

National: 22 deaths where neurological death was suspected and neurological tests were not performed.
Reason why neurological death tests were not performed, April 2019 – March 2020

- Family declined donation: 6 cases (27%)
- Family pressure not to test: 1 case (5%)
- Treatment withdrawn: 2 cases (9%)
- Patient haemodynamically unstable: 2 cases (9%)
- Biochemical/endocrine abnormality: 5 cases (23%)
- SNOD advised that donor not suitable: 4 cases (18%)
- Clinical reason/Clinicians decision: 5 cases (23%)
- Other: 2 cases (9%)
Neurological death tests performed by age, April 2019 – March 2020

Median (IQR) age of those tested: 7 (2-12)
Median (IQR) age of those not tested: 5 (1-10)
Eligible donors by hospital, April 2019 – March 2020

National: 42 eligible DBD and 162 eligible DCD donors
Eligible donors by hospital and whether the family were approached, April 2019 – March 2020

National: 89 families of eligible donors were approached for organ donation and 115 were not approached
Reason families of eligible donors were not approached, April 2019 – March 2020

- Family stated that they would not support donation before they were formally approached (1%
- Family considered too upset to approach (1%
- Coroner/Procurator Fiscal refused permission (1%
- Patient’s general medical condition (24%
- Other medical reason (9%
- Patient outside age criteria (37%
- Other (10%
- Not identified as a potential donor/organ donation not considered (1%

Blood and Transplant
Number of approaches where a SNOD was present/not present by hospital, April 2019 – March 2020

National: A SNOD was present in 69 approaches and not present in 20
National: 43 families supported organ donation and 46 did not
Reason families of eligible donors did not support organ donation, April 2019 – March 2020

- 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 had difficulty understanding/accepting neurological testing
- 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
- Family concerned donation may delay the funeral
Number of proceeding/non-proceeding donors by hospital, April 2019 – March 2020

National: There were 28 proceeding donors and 15 non-proceeding donors.
Reason eligible donors whose families consented/authorised organ donation did not proceed to organ donation, April 2019 – March 2020

- Family changed mind: 13%
- Coroner/Procurator Fiscal refusal: 7%
- Organs deemed medically unsuitable by recipient centres: 13%
- Prolonged time to asystole: 13%
- Cardiac arrest: 47%
- Other:
Transplants from proceeding donors by hospital, April 2019 – March 2020

Number

Hospital

DBD  DCD

Belfast  2  3
Birmingham  4  6
Cardiff  2  3
Edinburgh  3  3
Glasgow  3  3
Leeds  6  5
Alder Hey  1  5
King's  1  5
Royal Brompton  1  2
St Mary's  2  2
Royal Manchester  6  1
Middlesbrough  3  5
Newcastle, RI  1  5
Oxford  6  1
Southampton  7  0
Stoke-on-Trent  2  0

Blood and Transplant

Yes I donate
ORGAN DONATION
Deceased paediatric donors (aged under 18 years)

2010/11 – 2019/20
Deceased paediatric donors (<18 years) by donor type, April 2010 – March 2020

<table>
<thead>
<tr>
<th>Financial Year</th>
<th>DBD</th>
<th>DCD</th>
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<tbody>
<tr>
<td>2010/11</td>
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<td>18</td>
</tr>
<tr>
<td>2019/20</td>
<td>32</td>
<td></td>
</tr>
</tbody>
</table>
Deceased paediatric donors (2 years and under) by donor type, April 2010 – March 2020

- <1 month: 2 DBD, 10 DCD
- 1-2 months: 2 DBD, 5 DCD
- 2-6 months: 2 DBD, 4 DCD
- 6-12 months: 6 DBD, 1 DCD
- 12-24 months: 19 DBD, 11 DCD

Total: 30 DBD, 36 DCD