

Detailed Report
Actual and Potential Deceased Organ Donation
1 April 2019 - 31 March 2020

Isle of Wight NHS Trust



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*Data from the Potential Donor Audit (PDA) on the quality of care data in organ donation has been restricted to exclude the period most significantly impacted by the COVID-19 pandemic. Data presented include activity from 1 April 2019 to 29 February 2020.

- Appendix A.1 contains definitions of terms and abbreviations used throughout this report and summarises the main changes made to the PDA over time.
- The latest Organ Donation and Transplantation Activity Report is available at <https://www.organdonation.nhs.uk/supporting-my-decision/statistics-about-organ-donation/transplant-activity-report/>
- The latest PDA Annual Report is available at <http://www.odt.nhs.uk/statistics-and-reports/potential-donor-audit/>
- Please refer any queries or requests for further information to your local Specialist Nurse - Organ Donation (SNOD)

Source

NHS Blood and Transplant: UK Transplant Registry (UKTR), Potential Donor Audit (PDA) and Referral Record. Issued June 2020 based on data meeting PDA criteria reported at 8 June 2020.

1. Donor Outcomes

A summary of the number of donors, patients transplanted, average number of organs donated per donor and organs donated.

Data in this section is obtained from the UKTR, 1 April 2019 - 31 March 2020

Between 1 April 2019 and 31 March 2020, Isle of Wight NHS Trust had 4 deceased solid organ donors, resulting in 9 patients receiving a transplant. Additional information is shown in Tables 1.1 and 1.2, along with comparison data for 2018/19. Figure 1.1 shows the number of donors and patients transplanted for the previous ten periods for comparison.

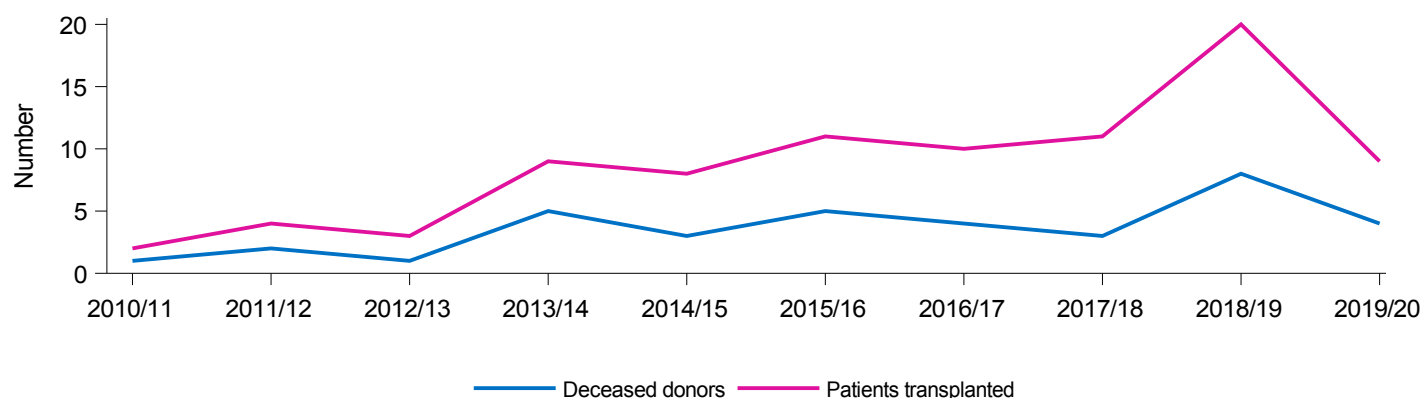
Table 1.1 Donors, patients transplanted and organs per donor, 1 April 2019 - 31 March 2020 (1 April 2018 - 31 March 2019 for comparison)

| Donor type | Number of donors | | Number of patients transplanted | | Average number of organs donated per donor | | | |
|-------------|------------------|-----|---------------------------------|------|--|-------|-----|-------|
| | Trust | UK | Trust | UK | Trust | UK | | |
| DBD | 2 | (5) | 5 | (12) | 2.5 | (2.8) | 3.5 | (3.5) |
| DCD | 2 | (3) | 4 | (8) | 2.5 | (3.7) | 2.7 | (2.7) |
| DBD and DCD | 4 | (8) | 9 | (20) | 2.5 | (3.1) | 3.2 | (3.2) |

Table 1.2 Organs transplanted by type, 1 April 2019 - 31 March 2020 (1 April 2018 - 31 March 2019 for comparison)

| Donor type | Number of organs transplanted by type | | | | | | | | | | | |
|-------------|---------------------------------------|------|----------|-----|-------|-----|-------|-----|------|-----|-------------|-----|
| | Kidney | | Pancreas | | Liver | | Heart | | Lung | | Small bowel | |
| DBD | 4 | (8) | 0 | (0) | 1 | (4) | 0 | (0) | 0 | (0) | 0 | (0) |
| DCD | 4 | (6) | 0 | (1) | 0 | (1) | 0 | (1) | 0 | (0) | 0 | (0) |
| DBD and DCD | 8 | (14) | 0 | (1) | 1 | (5) | 0 | (1) | 0 | (0) | 0 | (0) |

Figure 1.1 Number of donors and patients transplanted, 1 April 2010 - 31 March 2020



2. Key Numbers in Potential for Organ Donation

A summary of the key numbers on the potential for organ donation

Data in this section is obtained from the PDA, 1 April 2019 - 29 February 2020*

This section presents key numbers in potential donation activity for Isle of Wight NHS Trust. This data is presented in Table 2.1 along with UK comparison data. Your Trust has been categorised as a level 3 Trust and therefore percentages in this section are only presented on a national level. A comparison between different level Trusts is available in the Additional Data and Figures section.

It is acknowledged that the PDA does not capture all activity. In total there were 9 patients referred in 2019/20 who are not included in this section onwards because they were either over 80 years of age or did not die in a unit participating in the PDA. None of these are included in Section 1 because they did not become a solid organ donor.

**Table 2.1 Key numbers comparison with national rates,
1 April 2019 - 29 February 2020**

| | DBD | | DCD | | Deceased donors | |
|--|-------|------|-------|------|-----------------|------|
| | Trust | UK | Trust | UK | Trust | UK |
| Patients meeting organ donation referral criteria ¹ | 3 | 1845 | 14 | 5676 | 17 | 7324 |
| Referred to Organ Donation Service | 3 | 1828 | 14 | 5235 | 17 | 6876 |
| <i>Referral rate %</i> | | 99% | | 92% | | 94% |
| Neurological death tested | 3 | 1615 | | | | |
| <i>Testing rate %</i> | | 88% | | | | |
| Eligible donors ² | 3 | 1542 | 10 | 3985 | 13 | 5527 |
| Family approached | 3 | 1368 | 2 | 1712 | 5 | 3080 |
| Family approached and SNOD present | 3 | 1315 | 2 | 1528 | 5 | 2843 |
| <i>% of approaches where SNOD present</i> | | 96% | | 89% | | 92% |
| Consent ascertained | 2 | 983 | 2 | 1099 | 4 | 2082 |
| <i>Consent rate %</i> | | 72% | | 64% | | 68% |
| Actual donors (PDA data) | 2 | 876 | 2 | 598 | 4 | 1475 |
| <i>% of consented donors that became actual donors</i> | | 89% | | 54% | | 71% |

¹ DBD - A patient with suspected neurological death

DCD - A patient in whom imminent death is anticipated, ie a patient receiving assisted ventilation, a clinical decision to withdraw treatment has been made and death is anticipated within 4 hours

² DBD - Death confirmed by neurological tests and no absolute contraindications to solid organ donation

DCD - Imminent death anticipated and treatment withdrawn with no absolute contraindications to solid organ donation

Note that a patient that meets both the referral criteria for DBD and DCD organ donation is featured in both the DBD and DCD data but will only be counted once in the deceased donors total

3. Best quality of care in organ donation

Key stages in best quality of care in organ donation

Data in this section is obtained from the PDA, 1 April 2019 - 29 February 2020*

This section provides information on the quality of care in your Trust at the key stages of organ donation. The ambition is that your Trust misses no opportunity to make a transplant happen and that opportunities are maximised at every stage.

3.1 Neurological death testing

Goal: neurological death tests are performed wherever possible.

Figure 3.1 Number of patients with suspected neurological death, 1 April 2015 - 29 February 2020

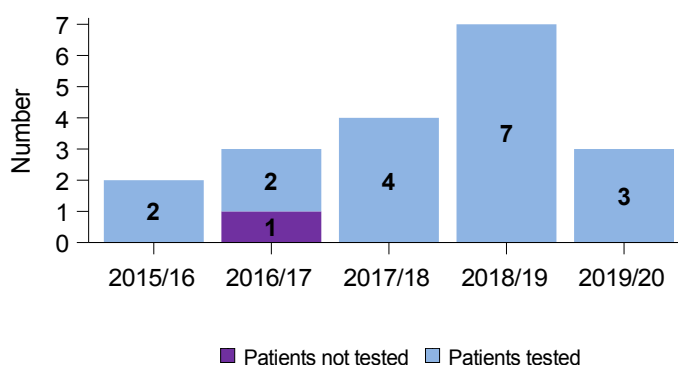


Table 3.1 Reasons given for neurological death tests not being performed, 1 April 2019 - 29 February 2020

| | Trust | UK |
|---|-------|------------|
| Biochemical/endocrine abnormality | - | 24 |
| Clinical reason/Clinicians decision | - | 56 |
| Continuing effects of sedatives | - | 6 |
| Family declined donation | - | 16 |
| Family pressure not to test | - | 9 |
| Inability to test all reflexes | - | 18 |
| Medical contraindication to donation | - | 4 |
| Other | - | 14 |
| Patient had previously expressed a wish not to donate | - | 1 |
| Patient haemodynamically unstable | - | 67 |
| SN-OD advised that donor not suitable | - | 5 |
| Treatment withdrawn | - | 7 |
| Unknown | - | 3 |
| Total | - | 230 |

If 'other', please contact your local SNOD or CLOD for more information, if required.

3.2 Referral to Organ Donation Service

Goal: Every patient who meets the referral criteria should be identified and referred to the Organ Donation Service, as per NICE CG135¹ and NHS Blood and Transplant (NHSBT) Best Practice Guidance on timely identification and referral of potential organ donors².

Aim: There should be no purple on the following charts.

Note that patients who met the referral criteria for both DBD and DCD donation will appear in both bar charts and both columns of the reasons table.

Figure 3.2 Number of patients meeting referral criteria, 1 April 2015 - 29 February 2020

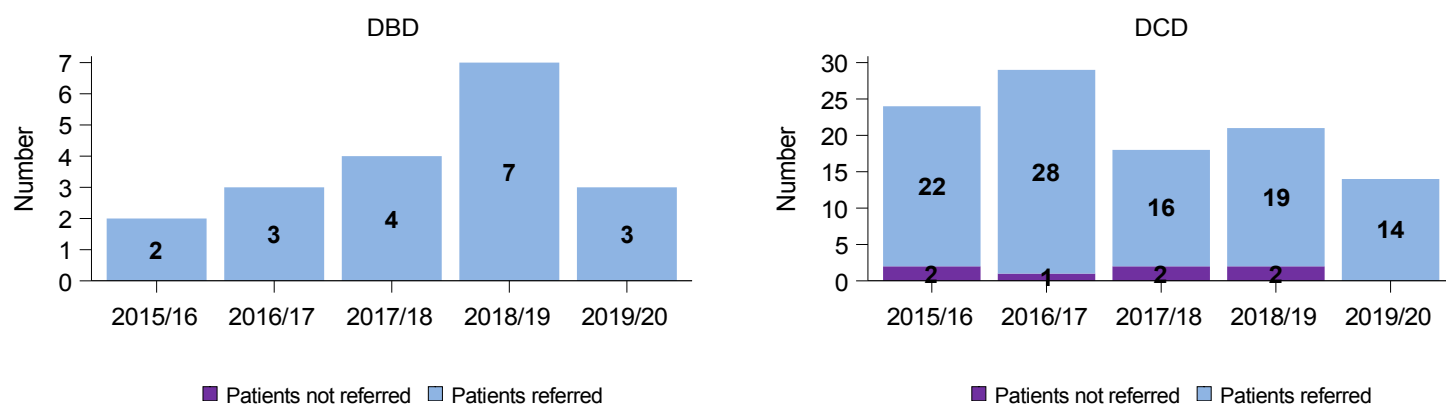


Table 3.2 Reasons given why patient not referred to SNOD, 1 April 2019 - 29 February 2020

| | DBD | | DCD | |
|---|-------|-----------|-------|------------|
| | Trust | UK | Trust | UK |
| Clinician assessed that patient was unlikely to become asystolic within 4 hours | - | - | - | 4 |
| Coroner/Procurator Fiscal Reason | - | - | - | 1 |
| Family declined donation after neurological testing | - | 2 | - | - |
| Family declined donation following decision to withdraw treatment | - | - | - | 10 |
| Family declined donation prior to neurological testing | - | 1 | - | - |
| Medical contraindications | - | 1 | - | 65 |
| Not identified as a potential donor/organ donation not considered | - | 7 | - | 238 |
| Other | - | 4 | - | 56 |
| Patient had previously expressed a wish not to donate | - | - | - | 2 |
| Pressure on ICU beds | - | - | - | 1 |
| Reluctance to approach family | - | - | - | 3 |
| Thought to be medically unsuitable | - | 2 | - | 60 |
| Thought to be outside age criteria | - | - | - | 1 |
| Total | - | 17 | - | 441 |

If 'other', please contact your local SNOD or CLOD for more information, if required.

3.3 Contraindications

Table 3.3 shows the primary absolute medical contraindications to solid organ donation, if applicable, for potential DBD donors confirmed dead by neurological death tests and potential DCD donors in your Trust.

**Table 3.3 Primary absolute medical contraindications to solid organ donation,
1 April 2019 - 29 February 2020**

| | DBD | | DCD | |
|---|-------|-----------|----------|-------------|
| | Trust | UK | Trust | UK |
| Active (not in remission) haematological malignancy (myeloma, lymphoma, leukaemia) | - | 11 | - | 204 |
| All secondary intracerebral tumours | - | - | - | 6 |
| Any active cancer with evidence of spread outside affected organ within 3 years of donation | - | 39 | 1 | 595 |
| HIV disease (but not HIV infection) | - | 1 | - | 8 |
| Human TSE, CJD or vCJD; blood relatives with CJD; other infectious neurodegenerative diseases | - | 1 | - | 7 |
| Melanoma (except completely excised Stage 1 cancers) | - | 1 | - | 15 |
| No transplantable organ in accordance with organ specific contraindications | - | 16 | - | 260 |
| Primary intra-cerebral lymphoma | - | 1 | - | 3 |
| TB: active and untreated | - | 4 | - | 13 |
| Total | - | 74 | 1 | 1111 |

If 'other', please contact your local SNOD or CLOD for more information, if required.

3.4 SNOD presence

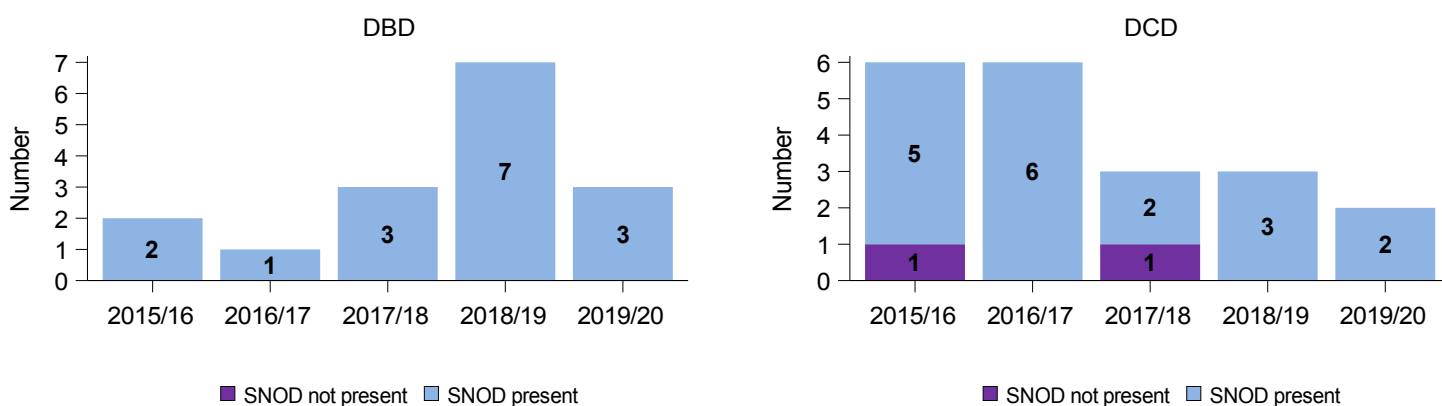
Goal: A SNOD should be present during the formal family approach as per NICE CG135¹ and NHS Blood and Transplant (NHSBT) Best Practice Guidance.³

Aim: There should be no purple on the following charts.

In the UK, in 2019/20, when a SNOD was not present for the approach to the family to discuss organ donation, DBD and DCD consent/authorisation rates were 43% and 24%, respectively, compared with DBD and DCD consent/authorisation rates of 73% and 69%, respectively, when a SNOD was present.

Every approach to those close to the patient should be planned with the multidisciplinary team (MDT), should involve the SNOD and should be clearly planned taking into account the known wishes of the patient. The NHS Organ Donor Register (ODR) should be checked in all cases of potential donation and this information must be discussed with the family as it represents the eligible donor's legal consent to donation.

Figure 3.3 Number of families approached by SNOD presence, 1 April 2015 - 29 February 2020



¹ NICE, 2011.
NICE Clinical Guidelines - CG135
[accessed 8 June 2020]

² NHS Blood and Transplant, 2012.
Timely Identification and Referral of Potential Organ Donors - A Strategy for Implementation of Best Practice
[accessed 8 June 2020]

³ NHS Blood and Transplant, 2013.
Approaching the Families of Potential Organ Donors – Best Practice Guidance
[accessed 8 June 2020]

3.5 Consent

Goal: The agreed 2019/20 national targets for DBD and DCD consent/authorisation rates are 83% and 77%, respectively.

In 2019/20 less than 10 families of eligible donors were approached to discuss organ donation in your Trust therefore consent rates are not presented.

Figure 3.4 Number of families approached, 1 April 2015 - 29 February 2020

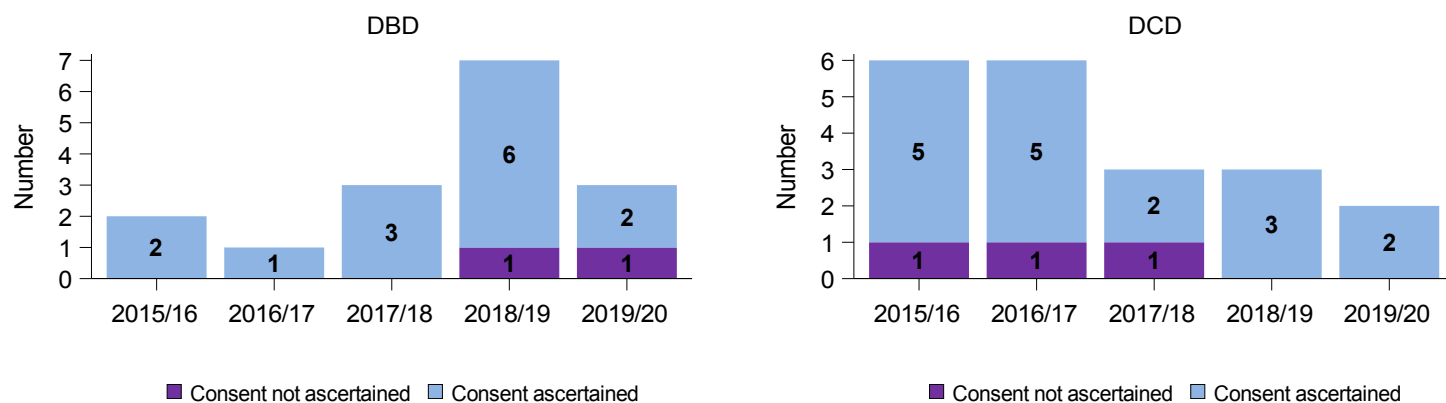


Table 3.4 Reasons given why consent was not ascertained, 1 April 2019 - 29 February 2020

| | DBD | | DCD | |
|--|----------|------------|----------|------------|
| | Trust | UK | Trust | UK |
| Families concerned about organ allocation | - | - | - | 1 |
| Family concerned donation may delay the funeral | - | - | - | 2 |
| Family concerned that organs may not be transplanted | - | - | - | 7 |
| Family concerned that other people may disapprove/be offended | - | - | - | 1 |
| Family did not believe in donation | - | 15 | - | 12 |
| Family did not want surgery to the body | - | 40 | - | 59 |
| Family felt it was against their religious/cultural beliefs | - | 36 | - | 16 |
| Family felt the body needs to be buried whole (unrelated to religious or cultural reasons) | - | 22 | - | 13 |
| Family felt the length of time for donation process was too long | - | 20 | - | 109 |
| Family felt the patient had suffered enough | - | 24 | - | 66 |
| Family had difficulty understanding/accepting neurological testing | - | 3 | - | - |
| Family wanted to stay with the patient after death | - | 3 | - | 7 |
| Family were divided over the decision | - | 17 | - | 22 |
| Family were not sure whether the patient would have agreed to donation | - | 55 | - | 85 |
| Other | - | 28 | - | 54 |
| Patient previously expressed a wish not to donate | 1 | 111 | - | 143 |
| Strong refusal - probing not appropriate | - | 11 | - | 16 |
| Total | 1 | 385 | - | 613 |

If 'other', please contact your local SNOD or CLOD for more information, if required.

3.6 Solid organ donation

Goal: NHSBT is committed to supporting transplant units to ensure as many organs as possible are safely transplanted. The strategy for achieving this, including steps to minimising warm ischaemic injury in proceeding DCD donors, is set out in NHSBT Taking Organ Utilisation to 2020 ⁴.

**Table 3.5 Reasons why solid organ donation did not occur,
1 April 2019 - 29 February 2020**

| | DBD | | DCD | |
|---|-------|------------|-------|------------|
| | Trust | UK | Trust | UK |
| Cardiac Arrest | - | 8 | - | 11 |
| Coroner/Procurator Fiscal refusal | - | 10 | - | 16 |
| Family changed mind | - | 9 | - | 15 |
| Family placed conditions on donation | - | - | - | 2 |
| General instability | - | 8 | - | 29 |
| Logistic reasons | - | - | - | 4 |
| Organs deemed medically unsuitable by recipient centres | - | 38 | - | 141 |
| Organs deemed medically unsuitable on surgical inspection | - | 11 | - | 7 |
| Other | - | 13 | - | 39 |
| Positive virology | - | 10 | - | 10 |
| Prolonged time to asystole | - | - | - | 226 |
| Total | - | 107 | - | 500 |

If 'other', please contact your local SNOD or CLOD for more information, if required.

⁴ NHS Blood and Transplant, 2017.
Taking Organ Utilisation to 2020
[accessed 8 June 2020]

4. PDA data by hospital and unit

A summary of key numbers and rates from the PDA by hospital and unit where patient died

Data in this section is obtained from the PDA, 1 April 2019 - 29 February 2020*

Tables 4.1 and 4.2 show the key numbers and rates for patients who met the DBD and/or DCD referral criteria, respectively. Percentages have been excluded where numbers are less than 10.

Table 4.1 Patients who met the DBD referral criteria - key numbers and rates, 1 April 2019 - 29 February 2020

| Unit where patient died | Patients where neurological death was suspected | Patients tested | Neurological death testing rate (%) | Patients referred | DBD referral rate (%) | Patients confirmed dead by neurological testing | Eligible DBD donors | Eligible DBD donors whose family were approached | Approaches where SNOD present | SNOD presence rate (%) | Consent ascertained | Consent rate (%) | Actual DBD and DCD donors from eligible DBD donors |
|------------------------------------|---|-----------------|-------------------------------------|-------------------|-----------------------|---|---------------------|--|-------------------------------|------------------------|---------------------|------------------|--|
| <i>Newport, St Mary's Hospital</i> | | | | | | | | | | | | | |
| A&E | 0 | 0 | - | 0 | - | 0 | 0 | 0 | 0 | - | 0 | - | 0 |
| General ICU | 3 | 3 | - | 3 | - | 3 | 3 | 3 | 3 | - | 2 | - | 2 |

Table 4.2 Patients who met the DCD referral criteria - key numbers and rates, 1 April 2019 - 29 February 2020

| Unit where patient died | Patients for whom imminent death was anticipated | Patients referred | DCD referral rate (%) | Patients for whom treatment was withdrawn | Eligible DCD donors | Eligible DCD donors whose family were approached | Approaches where SNOD present | SNOD presence rate (%) | Consent ascertained | Consent rate (%) | Actual DCD donors from eligible DBD donors |
|------------------------------------|--|-------------------|-----------------------|---|---------------------|--|-------------------------------|------------------------|---------------------|------------------|--|
| <i>Newport, St Mary's Hospital</i> | | | | | | | | | | | |
| A&E | 0 | 0 | - | 0 | 0 | 0 | 0 | - | 0 | - | 0 |
| General ICU | 14 | 14 | 100 | 11 | 10 | 2 | 2 | - | 2 | - | 2 |

Tables 4.1 and 4.2 show the unit where the patient died. However, it is acknowledged that there are some occasions where a patient is referred in an Emergency Department but moves to a critical care unit. In total for Isle of Wight NHS Trust in 2019/20 there were 2 such patients. For more information regarding the Emergency Department please see Section 5.

5. Emergency Department data

A summary of key numbers for Emergency Departments

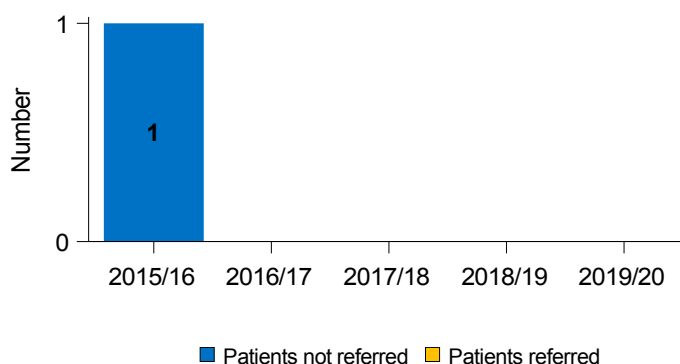
Data in this section is obtained from the PDA, 1 April 2019 - 29 February 2020*

Most patients who go on to become organ donors start their journey in the emergency department (ED). Deceased donation is important, not just for those people waiting on the transplant list, but also because many people in the UK have expressed a wish in life to become organ donors after their death. The overarching principle of the NHSBT Organ donation and Emergency Department strategy is that best quality of care in organ donation should be followed irrespective of the location of the patient within the hospital at the time of death.

5.1 Referral to Organ Donation Service

Goal: No one dies in your ED meeting referral criteria and is not referred to NHSBT's Organ Donation Service.
Aim: There should be no blue on the following chart.

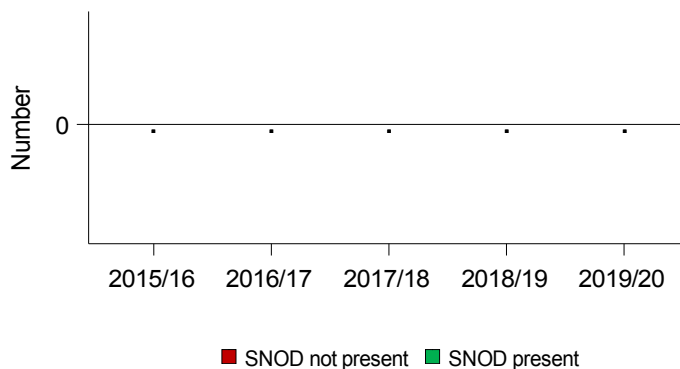
Figure 5.1 Number of patients meeting referral criteria that died in the ED, 1 April 2015 - 29 February 2020



5.2 Organ donation discussions

Goal: No family is approached in ED regarding organ donation without a SNOD present.
Aim: There should be no red on the following chart.

Figure 5.2 Number of families approached in ED by SNOD presence, 1 April 2015 - 29 February 2020



* NHS Blood and Transplant, 2016. *Organ Donation and the Emergency Department* [accessed 8 June 2020]

6. Additional data and figures

Regional donor, transplant, and transplant list numbers

Data in this section is obtained from the UKTR, 1 April 2019 - 31 March 2020

6.1 Supplementary Regional data

| | South Central* | UK |
|--|-----------------|------------------|
| 1 April 2019 - 31 March 2020 | | |
| Deceased donors | 101 | 1,582 |
| Transplants from deceased donors | 225 | 3,749 |
| Deaths on the transplant list | 18 | 394 |
| As at 29 February 2020 | | |
| Active transplant list | 330 | 6,138 |
| Number of NHS ODR opt-in registrations (% registered)** | 1,862,016 (43%) | 25,980,113 (40%) |
| *Regions have been defined as per former Strategic Health Authorities | | |
| ** % registered based on population of 4.32 million, based on ONS 2011 census data | | |

Key numbers and rates on the potential for organ donation

Data in this section is obtained from the PDA, 1 April 2019 - 29 February 2020*

6.2 Trust/Board Level Benchmarking

Isle of Wight NHS Trust has been categorised as a level 3 Trust. Levels were reallocated in July 2018 using the average number of donors in 2016/17 and 2017/18, Table 6.2 shows the criteria used and how many Trusts/Boards belong to each level.

Table 6.2 Trust/Board level categories

| | | Number of Trusts Boards in each level |
|---------|---|--|
| Level 1 | 12 or more (≥ 12) proceeding donors per year | 35 |
| Level 2 | 6 or more but less than 12 (≥ 6 to <12) proceeding donors per year | 45 |
| Level 3 | More than 3 but less than 6 (>3 to <6) proceeding donors per year | 47 |
| Level 4 | 3 or less (≤ 3) proceeding donors per year | 41 |

Tables 6.3 and 6.4 show the national DBD and DCD key numbers and rates for the UK by Trust/Board level, to aid in comparison with equivalent Trusts/Boards. Note that percentages have been excluded where numbers are less than 10.

**Table 6.3 National DBD key numbers and rate by Trust/Board level,
1 April 2019 - 29 February 2020**

| Your Trust | Patients where neurological death was suspected | Patients tested | Neurological death testing rate (%) | Patients referred | DBD referral rate (%) | Patients confirmed dead by neurological testing | Eligible DBD donors | Eligible DBD donors whose family were approached | Approaches where SNOD present | SNOD presence rate (%) | Consent ascertained | Consent rate (%) | Actual DBD and DCD donors from eligible DBD donors |
|------------|---|-----------------|-------------------------------------|-------------------|-----------------------|---|---------------------|--|-------------------------------|------------------------|---------------------|------------------|--|
| Your Trust | 3 | 3 | - | 3 | - | 3 | 3 | 3 | 3 | - | 2 | - | 2 |
| Level 1 | 1047 | 916 | 87 | 1036 | 99 | 911 | 872 | 770 | 737 | 96 | 554 | 72 | 496 |
| Level 2 | 422 | 368 | 87 | 420 | 100 | 360 | 353 | 304 | 292 | 96 | 214 | 70 | 187 |
| Level 3 | 250 | 220 | 88 | 248 | 99 | 220 | 212 | 197 | 193 | 98 | 142 | 72 | 125 |
| Level 4 | 126 | 111 | 88 | 124 | 98 | 110 | 105 | 97 | 93 | 96 | 73 | 75 | 68 |

**Table 6.4 National DCD key numbers and rate by Trust/Board level,
1 April 2019 - 29 February 2020**

| Your Trust | Patients for whom imminent death was anticipated | Patients referred | DCD referral rate (%) | Patients for whom treatment was withdrawn | Eligible DCD donors | Eligible DCD donors whose family were approached | Approaches where SNOD present | SNOD presence rate (%) | Consent ascertained | Consent rate (%) | Actual DCD donors from eligible DBD donors |
|------------|--|-------------------|-----------------------|---|---------------------|--|-------------------------------|------------------------|---------------------|------------------|--|
| Your Trust | 14 | 14 | 100 | 11 | 10 | 2 | 2 | - | 2 | - | 2 |
| Level 1 | 2539 | 2364 | 93 | 2299 | 1759 | 907 | 819 | 90 | 598 | 66 | 353 |
| Level 2 | 1709 | 1558 | 91 | 1533 | 1239 | 450 | 404 | 90 | 281 | 62 | 143 |
| Level 3 | 946 | 883 | 93 | 821 | 646 | 247 | 211 | 85 | 145 | 59 | 63 |
| Level 4 | 482 | 430 | 89 | 447 | 341 | 108 | 94 | 87 | 75 | 69 | 39 |

Appendices

Appendix A.1 Definitions

Potential Donor Audit Definitions

| | |
|--|---|
| Potential Donor Audit inclusion criteria | <p>1 October 2009 – 31 March 2010 All deaths in critical care in patients aged 75 and under, excluding cardiothoracic intensive care units</p> <p>1 April 2010 – 31 March 2013 All deaths in critical and emergency care in patients aged 75 and under, excluding cardiothoracic intensive care units</p> <p>1 April 2013 onwards All deaths in critical and emergency care in patients aged 80 and under</p> |
|--|---|

Donors after brain death (DBD) definitions

| | |
|--|---|
| Suspected Neurological Death | A patient who meets all of the following criteria: Apnoea, coma from known aetiology and unresponsive, ventilated, fixed pupils. Excluding those not tested due to reasons 'cardiac arrest despite resuscitation', 'brainstem reflexes returned', 'neonates – less than 2 months post term'. |
| Potential DBD donor | A patient who meets all four criteria for neurological death testing excluding those not tested due to reasons 'cardiac arrest despite resuscitation', 'brainstem reflexes returned', 'neonates – less than 2 months post term' (ie suspected neurological death, as defined above). |
| DBD referral criteria | A patient with suspected neurological death |
| Discussed with Specialist Nurse – Organ Donation | A patient with suspected neurological death discussed with the Specialist Nurse – Organ Donation (SNOD) |
| Neurological death tested | Neurological death tests were performed |
| Eligible DBD donor | A patient confirmed dead by neurological death tests, with no absolute medical contraindications to solid organ donation |
| Absolute contraindications | Absolute medical contraindications to organ donation are listed here: https://nhsbtde.blob.core.windows.net/umbraco-assets-corp/6455/contraindications_to_organ_donation.pdf |
| Family approached for formal organ donation discussion | Family of eligible DBD asked to support patient's expressed or deemed consent/authorisation, informed of a nominated/appointed representative, asked to make a decision on donation on behalf of their relative, or informed of a patient's opt-out decision via the ODR. |
| Consent/authorisation ascertained | Family supported expressed or deemed consent/authorisation, nominated/appointed representative gave consent, or where applicable family gave consent/authorisation |
| Actual donors: DBD | Neurological death confirmed patients who became actual DBD as reported through the PDA |
| Actual donors: DCD | Neurological death confirmed patients who became actual DCD as reported through the PDA |
| Neurological death testing rate | Percentage of patients for whom neurological death was suspected who were tested |
| Referral rate | Percentage of patients for whom neurological death was suspected who were discussed with the SNOD |
| Consent/authorisation rate | Percentage of families or nominated/appointed representatives approached for formal organ donation discussion where consent/authorisation was ascertained |
| SNOD presence rate | Percentage of formal organ donation discussions with families or nominated/appointed representatives where a SNOD was present |
| Consent/authorisation rate where SNOD was present | Percentage of formal organ donation discussions with families or nominated/appointed representatives where a SNOD was present where consent/authorisation was ascertained |

Donors after circulatory death (DCD) definitions

| | |
|--|---|
| Imminent death anticipated | A patient, not confirmed dead using neurological criteria, receiving assisted ventilation, a clinical decision to withdraw treatment has been made and death is anticipated within a time frame to allow donation to occur, as determined at time of assessment |
| DCD referral criteria | A patient in whom imminent death is anticipated (as defined above) |
| Discussed with Specialist Nurse – Organ Donation | Patients for whom imminent death was anticipated who were discussed with the SNOD |
| Potential DCD donor | A patient who had treatment withdrawn and death was anticipated within four hours |
| Eligible DCD donor | A patient who had treatment withdrawn and death was anticipated within four hours, with no absolute medical contraindications to solid organ donation |
| Absolute contraindications | Absolute medical contraindications to organ donation are listed here: https://nhsbtde.blob.core.windows.net/umbraco-assets-corp/6455/contraindications_to_organ_donation.pdf |
| Family approached for formal organ donation discussion | Family of eligible DCD asked to: support the patient's expressed or deemed consent/authorisation decision, informed of a nominated/appointed representative, make a decision themselves on donation, or informed of a patient's opt-out decision via the Organ Donor Register |
| Consent/authorisation rate | Percentage of families or nominated/appointed representatives approached for formal organ donation discussion where consent/authorisation was ascertained |
| SNOD presence rate | Percentage of formal organ donation discussions with families or nominated/appointed representatives where a SNOD was present |
| Consent/authorisation rate where SNOD was present | Percentage of formal organ donation discussions with families or nominated/appointed representatives where a SNOD was present where consent/authorisation was ascertained |

UK Transplant Registry (UKTR) definitions

| | |
|---------------------------------|---|
| Donor type | Type of donor: Donation after brain death (DBD) or donation after circulatory death (DCD) |
| Number of actual donors | Total number of donors reported to the UKTR |
| Number of patients transplanted | Total number of patients transplanted from these donors |
| Organs per donor | Number of organs donated divided by the number of donors. |
| Number of organs transplanted | Total number of organs transplanted by organ type |

Appendix A.2 Data Description

This report provides a summary of data relating to potential and actual organ donors as recorded by NHS Blood and Transplant via the Potential Donor Audit (PDA), the accompanying Referral Record, and the UK Transplant Registry (UKTR) for the specified Trust, Board, Organ Donation Services Team, or nation.

This report is provided for information and to facilitate case based discussion about organ donation by the Organ Donation Committee at your Trust/Board.

As part of the PDA, patients over 80 years of age and those who did not die on a critical care unit or emergency department are not audited nationally and are therefore excluded from the majority of this report. Data from neonatal intensive care units (ICU) have also been excluded from this report. In addition, some information may be outstanding due to late reporting and difficulties obtaining patient notes. Donations not captured by the PDA will still be included in the data supplied from the accompanying Referral Record or from the UKTR, as appropriate.

Percentages have not been calculated for level 3 or 4 Trust/Boards and where stated when numbers are less than 10.

Appendix A.3 Table and Figure Description

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| 1 Donor outcomes | |
| Table 1.1 | The number of actual donors, the resulting number of patients transplanted and the average number of organs donated per donor have been obtained from the UK Transplant Registry (UKTR) for your Trust/Board. Results have been displayed separately for donors after brain death (DBD) and donors after circulatory death (DCD). |
| Table 1.2 | The number of organs transplanted by type from donors at your Trust/Board has been obtained from the UKTR. Further information can be obtained from your local Specialist Nurse – Organ Donation (SNOD), specifically regarding organs that were not transplanted. Results have been displayed separately for DBD and DCD. |
| Figure 1.1 | The number of actual donors and the resulting number of patients transplanted obtained from the UKTR for your Trust/Board for the past 10 equivalent time periods are presented on a line chart. |

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| 2 Key numbers in potential for organ donation | |
| Table 2.1 | A summary of DBD, DCD and deceased donor data and key numbers have been obtained from the PDA. A UK comparison is also provided. Appendix A.1 gives a fuller explanation of terms used. |

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| 3 Best quality of care in organ donation | |
| Figure 3.1 | A stacked bar chart displays the number of patients with suspected neurological death who were tested and the number who were not tested in your Trust/Board for the past five equivalent time periods. |
| Table 3.1 | The reasons given for neurological death tests not being performed in your Trust/Board, have been obtained from the PDA, if applicable. A UK comparison is also provided. |
| Figure 3.2 | Stacked bar charts display the number of DBD and DCD patients meeting referral criteria who were referred to the Organ Donation Service and the number who were not referred in your Trust/Board for the past five equivalent time periods. |
| Table 3.2 | The reasons given for not referring patients to the Organ Donation Service in your Trust/Board, have been obtained from the PDA, if applicable. A UK comparison is also provided. |
| Table 3.3 | The primary absolute medical contraindications to solid organ donation for DBD and DCD patients have been obtained from the PDA, if applicable. A UK comparison is also provided. |
| Figure 3.3 | Stacked bar charts display the number of families of DBD and DCD patients approached where a SNOD was present and the number approached where a SNOD was not present in your Trust/Board for the past five equivalent time periods. |
| Figure 3.4 | Stacked bar charts display the number of families of DBD and DCD patients approached where consent/authorisation for organ donation was ascertained and the number approached where consent/authorisation was not ascertained in your Trust/Board for the past five equivalent time periods. |
| Table 3.4 | The reasons why consent/authorisation was not ascertained for solid organ donation in your Trust/Board, have been obtained from the PDA, if applicable. A UK comparison is also provided. |
| Table 3.5 | The reasons why solid organ donation did not occur in your Trust/Board, have been obtained from the PDA, if applicable. A UK comparison is also provided. |

4 PDA data by hospital and unit

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| Table 4.1 | DBD key numbers and rates by unit where the patient died have been obtained from the PDA. Percentages have been excluded where numbers are less than 10. |
| Table 4.2 | DCD key numbers and rates by unit where the patient died have been obtained from the PDA. Percentages have been excluded where numbers are less than 10. |

5 Emergency department data

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| Figure 5.1 | Stacked bar charts display the number of patients that died in the emergency department (ED) who met the referral criteria and were referred to the Organ Donation Service and the number who were not referred in your Trust/Board for the past five equivalent time periods. |
| Figure 5.2 | Stacked bar charts display the number of families of patients in ED approached where a SNOD was present and the number approached where a SNOD was not present in your Trust/Board for the past five equivalent time periods. |

6 Additional data and figures

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| Table 6.1 | A summary of deceased donor, transplant, transplant list and ODR opt-in registration data for your region have been obtained from the UKTR. Your region has been defined as per former Strategic Health Authority. A UK comparison is also provided. |
| Table 6.2 | Trust/board level categories and the relevant expected number of proceeding donors per year are provided for information. |
| Table 6.3 | National DBD key numbers and rates for level 1, 2, 3 and 4 Trusts/Boards are displayed alongside your local data to aid comparison with equivalent Trusts/Boards. Percentages have been excluded where numbers are less than 10. |
| Table 6.4 | National DCD key numbers and rates for level 1, 2, 3 and 4 Trusts/Boards are displayed alongside your local data to aid comparison with equivalent Trusts/Boards. Percentages have been excluded where numbers are less than 10. |