

Liverpool Heart and Chest Hospital NHS Foundation Trust

Taking Organ Transplantation to 2020

In 2020/21, from 2 consented donors the Trust facilitated one actual solid organ donor resulting in 2 patients receiving a life-saving or life-changing transplant. Data obtained from the UK Transplant Registry.

In addition to the one proceeding donor there was one consented donor that did not proceed.

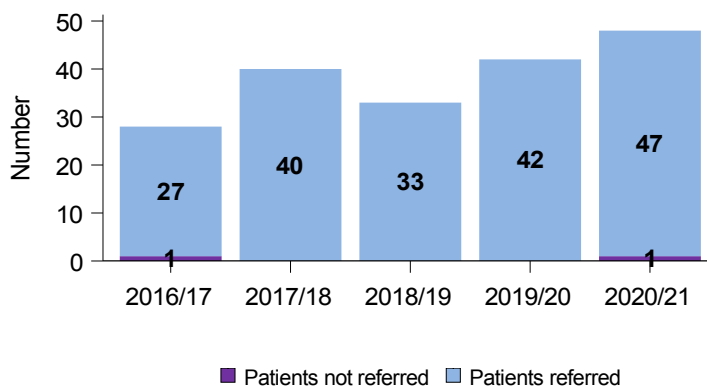
Best quality of care in organ donation

We acknowledge that the data presented in this section includes the period most significantly impacted by COVID-19 and appreciate that the COVID-19 pandemic affected Trusts/Boards differently across the UK.

Referral of potential deceased organ donors

Goal: Every patient who meets the referral criteria should be identified and referred to NHS Blood and Transplant's Organ Donation Service

Aim: There should be no purple on the chart

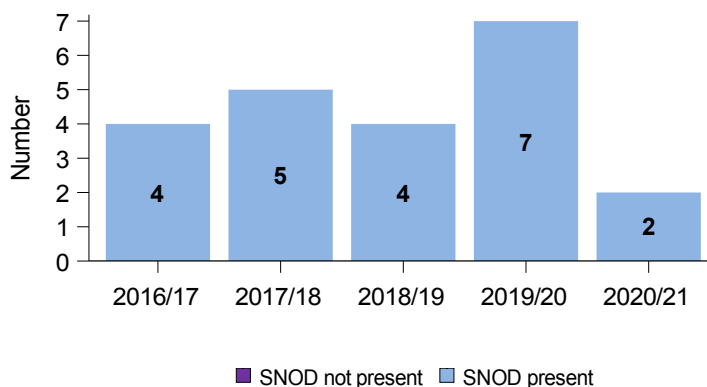


The Trust referred 47 potential organ donors during 2020/21. There was 1 occasion where a potential organ donor was not referred.

Presence of Specialist Nurse for Organ Donation

Goal: A Specialist Nurse for Organ Donation (SNOD) should be present during every organ donation discussion with families

Aim: There should be no purple on the chart



A SNOD was present for 2 organ donation discussions with families during 2020/21. There were no occasions where a SNOD was not present.

Why it matters

- If suitable patients are not referred, the patient's decision to be an organ donor is not honoured or the family does not get the chance to support organ donation.
- The consent rate in the UK is much higher when a SNOD is present.
- The number of patients receiving a life-saving or life-changing solid organ transplant in the UK is increasing but patients are still dying while waiting.

Regional donors, transplants, waiting list, and NHS Organ Donor Register (ODR) data

| | North West* | UK |
|---|-----------------|------------------|
| 1 April 2020 - 31 March 2021 | | |
| Deceased donors | 136 | 1,180 |
| Transplants from deceased donors | 301 | 2,943 |
| Deaths on the transplant list | 75 | 497 |
| As at 31 March 2021 | | |
| Active transplant list | 633 | 4,256 |
| Number of NHS ODR opt-in registrations (% registered)** | 2,737,445 (38%) | 26,746,406 (41%) |

*Regions have been defined as per former Strategic Health Authorities

** % registered based on population of 7.17 million, based on ONS 2011 census data

Further information

Further information on potential donors after brain death (DBD) and potential donors after circulatory death (DCD) at the Trust are shown below, including a UK comparison. Data obtained from the Potential Donor Audit (PDA).

| | DBD | | DCD | | Deceased donors | |
|--|-------|------------|-------|------------|-----------------|------------|
| | Trust | UK | Trust | UK | Trust | UK |
| Patients meeting organ donation referral criteria ¹ | 0 | 1810 | 48 | 6027 | 48 | 7551 |
| Referred to Organ Donation Service | 0 | 1777 | 47 | 4770 | 47 | 6282 |
| <i>Referral rate %</i> | | <i>98%</i> | | <i>79%</i> | | <i>83%</i> |
| Neurological death tested | 0 | 1490 | | | | |
| <i>Testing rate %</i> | | <i>82%</i> | | | | |
| Eligible donors ² | 0 | 1353 | 25 | 2860 | 25 | 4207 |
| Family approached | 0 | 1210 | 2 | 1042 | 2 | 2248 |
| Family approached and SNOD present | 0 | 1168 | 2 | 925 | 2 | 2089 |
| <i>% of approaches where SNOD present</i> | | <i>97%</i> | | <i>89%</i> | | <i>93%</i> |
| Consent ascertained | 0 | 891 | 2 | 665 | 2 | 1553 |
| <i>Consent rate %</i> | | <i>74%</i> | | <i>64%</i> | | <i>69%</i> |
| Actual donors (PDA data) | 0 | 777 | 1 | 404 | 1 | 1180 |
| <i>% of consented donors that became actual donors</i> | | <i>87%</i> | | <i>61%</i> | | <i>76%</i> |

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

For further information, including definitions, see the latest Potential Donor Audit report at www.odt.nhs.uk/statistics-and-reports/potential-donor-audit/