

## NHS Ayrshire and Arran

### Taking Organ Transplantation to 2020

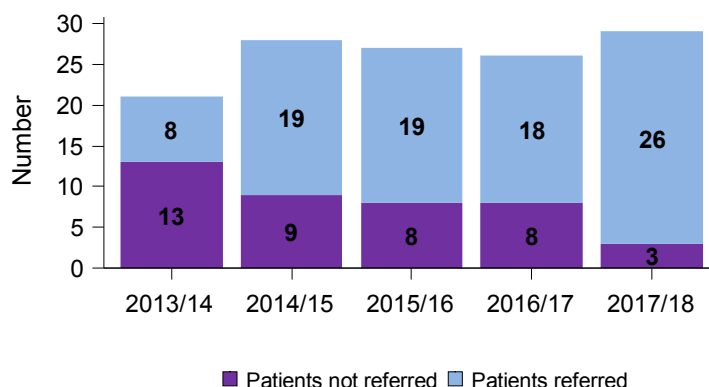
In 2017/18, from 5 authorised donors the Board facilitated 5 actual solid organ donors resulting in 17 patients receiving a life-saving or life-changing transplant.

### Best quality of care in organ donation

#### 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**

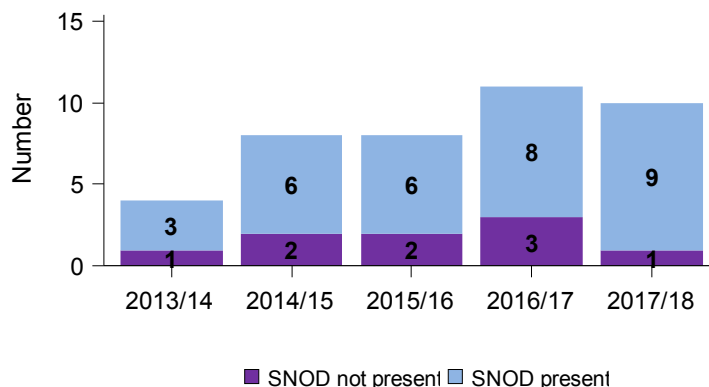


The Board referred 26 potential organ donors during 2017/18. There were 3 occasions where potential organ donors were not referred.

## 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 9 organ donation discussions with families during 2017/18. There was 1 occasion 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 authorisation 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

|   | Scotland*       | UK               |
|---|-----------------|------------------|
| <b>1 April 2017 - 31 March 2018</b>                     |                 |                  |
| Deceased donors   | 102             | 1,574            |
| Transplants from deceased donors                        | 375             | 4,012            |
| Deaths on the transplant list                           | 38              | 426              |
| <b>As at 31 March 2018</b>                              |                 |                  |
| Active transplant list                                  | 534             | 6,045            |
| Number of NHS ODR opt-in registrations (% registered)** | 2,486,216 (46%) | 24,941,804 (38%) |

\*Regions have been defined as per former Strategic Health Authorities

\*\* % registered based on population of 5.37 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 Board are shown below, including a UK comparison.

|  | DBD   |      | DCD   |      | Deceased donors |      |
|--|-------|------|-------|------|-----------------|------|
|  | Board | UK   | Board | UK   | Board           | UK   |
| Patients meeting organ donation referral criteria <sup>1</sup> | 6     | 1954 | 24    | 6281 | 29              | 7978 |
| Referred to Organ Donation Service                             | 6     | 1929 | 21    | 5615 | 26              | 7302 |
| <i>Referral rate %</i>   |       | 99%  |       | 89%  |                 | 92%  |
| Neurological death tested                                      | 5     | 1676 |       |      |                 |      |
| <i>Testing rate %</i>  |       | 86%  |       |      |                 |      |
| Eligible donors <sup>2</sup>                                   | 5     | 1582 | 20    | 4456 | 25              | 6038 |
| Family approached  | 5     | 1471 | 5     | 1858 | 10              | 3329 |
| Family approached and SNOD present                             | 5     | 1394 | 4     | 1591 | 9               | 2985 |
| <i>% of approaches where SNOD present</i>                      |       | 95%  |       | 86%  |                 | 90%  |
| Authorisation ascertained                                      | 4     | 1066 | 1     | 1115 | 5               | 2181 |
| <i>Authorisation rate %</i>                                    |       | 72%  |       | 60%  |                 | 66%  |
| Actual donors (PDA data)                                       | 4     | 955  | 1     | 613  | 5               | 1568 |
| <i>% of authorised donors that became actual donors</i>        |       | 90%  |       | 55%  |                 | 72%  |

<sup>1</sup> 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

<sup>2</sup> 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/](http://www.odt.nhs.uk/statistics-and-reports/potential-donor-audit/)