

**NHS Ayrshire and Arran**

**Taking Organ Transplantation to 2020**

In 2018/19, from 5 authorised donors the Board facilitated 4 actual solid organ donors resulting in 11 patients receiving a life-saving or life-changing transplant. Data obtained from the UK Transplant Registry.

In addition to the 4 proceeding donors there was one authorised donor that did not proceed.

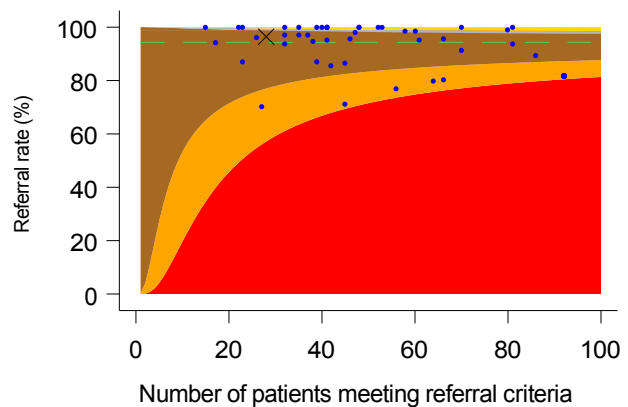
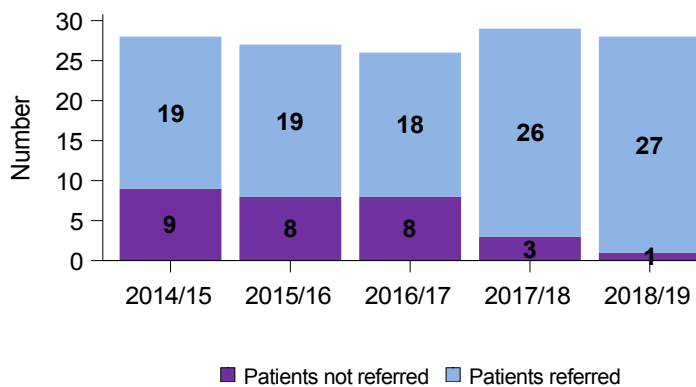
**Best quality of care in organ donation**

**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**

**Aim: The Board (marked with a cross) should fall within Bronze, Silver, or Gold**



**Gold Silver Bronze Amber Red**

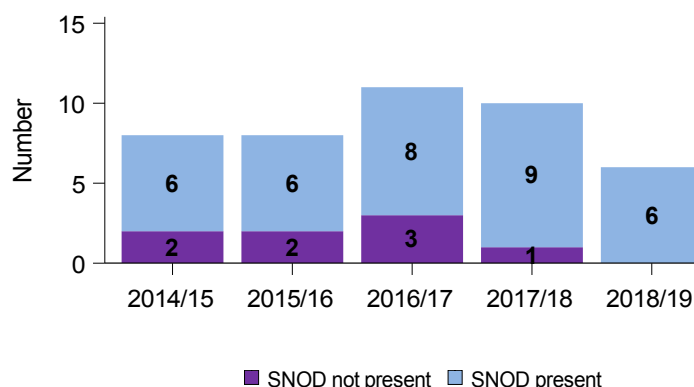
The Board referred 27 potential organ donors during 2018/19. There was 1 occasion where a potential organ donor was not referred.

When compared with UK performance, the Board was average (bronze) for referral of potential organ donors to NHS Blood and Transplant.

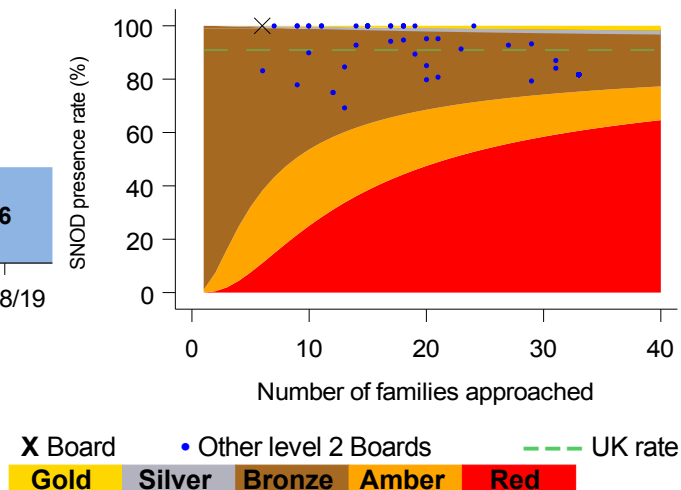
## Presence of Specialist Nurse for Organ Donation

**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**



**Aim: The Board (marked with a cross) should fall within Bronze, Silver, or Gold**



A SNOD was present for 6 organ donation discussions with families during 2018/19. There were no occasions where a SNOD was not present.

When compared with UK performance, the Board was exceptional (gold) for SNOD presence when approaching families to discuss organ donation.

### 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 2018 - 31 March 2019</b>		
Deceased donors	98	1,600
Transplants from deceased donors	332	3,943
Deaths on the transplant list	44	403
<b>As at 31 March 2019</b>		
Active transplant list	581	6,083
Number of NHS ODR opt-in registrations (% registered)**	2,837,904 (53%)	26,496,220 (41%)

\*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. Data obtained from the Potential Donor Audit (PDA).

	DBD		DCD		Deceased donors	
	Board	UK	Board	UK	Board	UK
Patients meeting organ donation referral criteria <sup>1</sup>	3	2004	25	5974	28	7728
Referred to Organ Donation Service	3	1982	24	5539	27	7287
<i>Referral rate %</i>	<b>G</b> 100%	99%	<b>B</b> 96%	93%	<b>B</b> 96%	94%
Neurological death tested	3	1715				
<i>Testing rate %</i>	<b>G</b> 100%	86%				
Eligible donors <sup>2</sup>	3	1635	25	4180	28	5815
Family approached	3	1493	3	1752	6	3245
Family approached and SNOD present	3	1423	3	1527	6	2950
<i>% of approaches where SNOD present</i>	<b>G</b> 100%	95%	<b>G</b> 100%	87%	<b>G</b> 100%	91%
Authorisation ascertained	3	1082	2	1099	5	2181
<i>Authorisation rate %</i>	<b>G</b> 100%	72%	<b>B</b> 67%	63%	<b>B</b> 83%	67%
Actual donors (PDA data)	3	970	1	612	4	1582
<i>% of authorised donors that became actual donors</i>	100%	90%	50%	56%	80%	73%

<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

**Gold** **Silver** **Bronze** **Amber** **Red**

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/)