

NHS Lothian

Taking Organ Transplantation to 2020

In 2018/19, from 30 authorised donors the Board facilitated 20 actual solid organ donors resulting in 53 patients receiving a life-saving or life-changing transplant. Data obtained from the UK Transplant Registry.

In addition to the 20 proceeding donors there were 10 authorised donors that did not proceed.

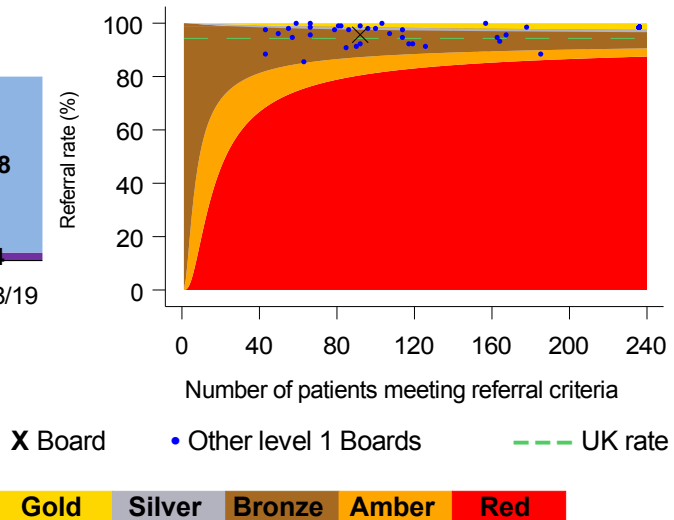
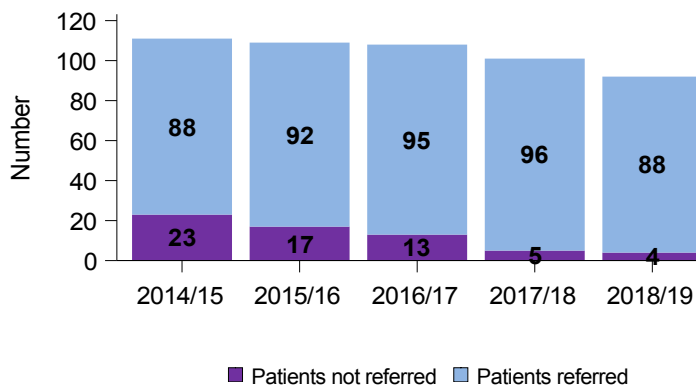
Best quality of care in organ donation

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



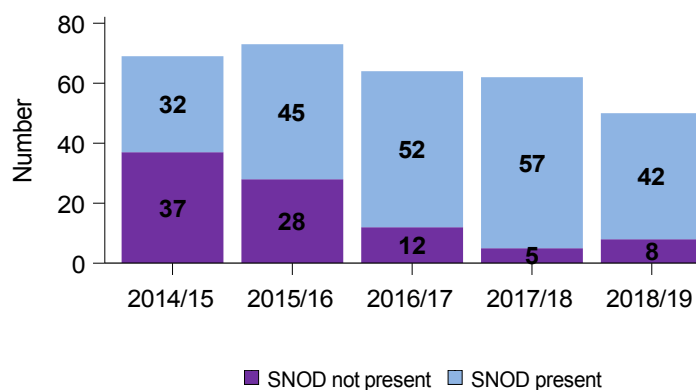
The Board referred 88 potential organ donors during 2018/19. There were 4 occasions where potential organ donors were not referred.

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

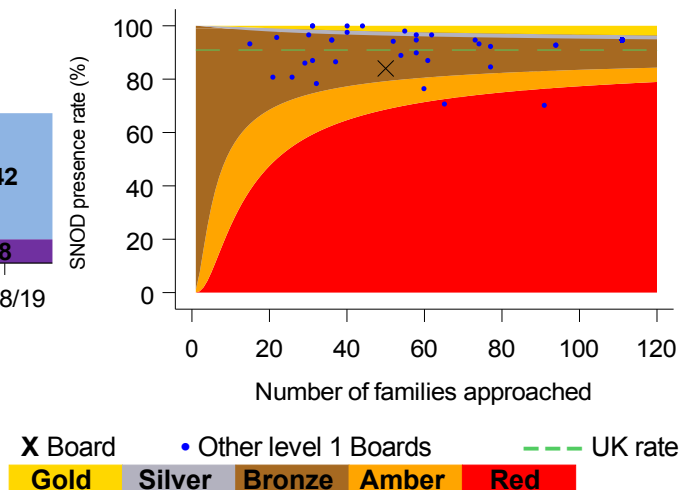
Presence of Specialist Nurse for Organ Donation

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 42 organ donation discussions with families during 2018/19. There were 8 occasions where a SNOD was not present.

When compared with UK performance, the Board was average (bronze) 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
1 April 2018 - 31 March 2019		
Deceased donors	98	1,600
Transplants from deceased donors	332	3,943
Deaths on the transplant list	44	403
As at 31 March 2019		
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 ¹	25	2004	67	5974	92	7728
Referred to Organ Donation Service	25	1982	63	5539	88	7287
<i>Referral rate %</i>	G 100%	99%	B 94%	93%	B 96%	94%
Neurological death tested	25	1715				
<i>Testing rate %</i>	G 100%	86%				
Eligible donors ²	24	1635	57	4180	81	5815
Family approached	21	1493	29	1752	50	3245
Family approached and SNOD present	20	1423	22	1527	42	2950
<i>% of approaches where SNOD present</i>	B 95%	95%	B 76%	87%	B 84%	91%
Authorisation ascertained	17	1082	14	1099	31	2181
<i>Authorisation rate %</i>	B 81%	72%	B 48%	63%	B 62%	67%
Actual donors (PDA data)	17	970	3	612	20	1582
<i>% of authorised donors that became actual donors</i>	100%	90%	21%	56%	65%	73%

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

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/