

## NHS BLOOD AND TRANSPLANT

### CARDIOTHORACIC ADVISORY GROUP

#### SUMMARY OF RECENT TRANSPLANT ACTIVITY

- 1 NHS Blood and Transplant produce a weekly statistics report on donation and transplant activity for the financial year to date, compared with the same period in the previous financial year. This report can be found on the following webpage:  
<https://www.organdonation.nhs.uk/helping-you-to-decide/about-organ-donation/statistics-about-organ-donation/>
- 2 According to data on the UK Transplant Registry, as reported in the Weekly Statistics and below in **Table 1**, in the current financial year up to 23 February 2020, there have been 1% fewer DBD donors and 6% more DCD donors than the same period in the previous financial year. At the same time, there have been 8% fewer heart transplants and 1% fewer lung transplants.

**Table 1 Weekly statistics numbers, as at 28 February 2020**

<b>DONOR AND TRANSPLANT ACTIVITY</b>				
	<i>Current year</i> (01.04.19 - 23.02.20)	<i>Previous year</i> (01.04.18 - 23.02.19)	<i>% Change</i> <sup>2</sup>	<i>Previous full financial year</i> (2018/2019)
<b>ORGAN DONORS</b>				
Donors after brain death (DBD)	863	872	-1.0	961
Donors after circulatory death (DCD)	597	562	6.2	639
Total deceased donors (DD)	1460	1434	1.8	1600
Non-proceeding deceased donors (DD) <sup>3</sup>	652	607	7.4	678
Living donors (LD) - 1 mth in arrears <sup>4</sup>	866	848	2.1	1045
<b>ORGAN TRANSPLANTS</b>				
<b>Deceased donors (DD)</b>				
Kidney	2113	2136	-1.1	2399
Pancreas	13	16	-18.8	18
Kidney/pancreas <sup>7</sup>	149	153	-2.6	166
Pancreas islets	22	18	22.2	20
Heart <sup>6</sup>	149	162	-8.0	183
Lung(s)	146	148	-1.4	162
Heart/lung	5	2		4
Liver/lobe <sup>6</sup>	826	877	-5.8	970
Intestinal	17	18	-5.6	19
Other (multi-organ)	17	11	54.5	12
Total DD transplants	3457	3541	-2.4	3953
<b>Living donor (LD) - 1 mth in arrears<sup>4</sup></b>				
Kidney	854	833	2.5	1024
Liver	16	15	6.7	21
Lung	0	0		0
Intestinal	0	0		0
Total LD transplants	870	848	2.6	1045

<sup>2</sup> % change only given when both counts > 10

<sup>4</sup> figures to 23.01.20 due to delayed notification of LD transplants

<sup>3</sup> patients eligible for donation with consent/authorisation where no organ retrieved for transplant

<sup>5</sup> incomplete national data reporting

<sup>6</sup> includes 'domino' donors / transplants

<sup>7</sup> includes kidney & pancreas islets

- 3 **Table 2** shows the transplant activity numbers (up to 29 February 2020) split by centre, compared with the previous year. Note there have been 1 heart-kidney, 1 heart-liver, and 1 lung-liver transplant in the current year and are included in the numbers below.

	<b>HEART</b>			<b>LUNG (INCLUDING HL)</b>		
	Current year (01.04.19 – 29.02.20)	Previous year (01.04.18 – 28.02.19)	% Change	Current year (01.04.19 – 29.02.20)	Previous year (01.04.18 – 28.02.19)	% Change
<b>Adult</b>						
Birmingham	27	23	+17.4	17	16	+6.3
Glasgow	11	7	+57.1	-	-	-
Harefield	21	33	-36.4	37	48	-22.9
Manchester	22	20	+10.0	28	19	+47.4
Newcastle	22	19	+15.8	30	25	+20.0
Papworth	36	39	-7.7	38	39	-2.6
<b>Total</b>	<b>139</b>	<b>141</b>	<b>-1.4</b>	<b>150</b>	<b>147</b>	<b>+2.0</b>
<b>Paediatric</b>						
GOSH	6	13	-53.8	2	3	-33.3
Newcastle	11	9	+22.2	2	1	+100.0
<b>Total</b>	<b>17</b>	<b>22</b>	<b>-22.7</b>	<b>4</b>	<b>4</b>	<b>+0.0</b>
<b>TOTAL</b>	<b>156</b>	<b>163</b>	<b>-4.3</b>	<b>154</b>	<b>151</b>	<b>+2.0</b>

## CONCLUSIONS

- 4 This report is presented for information. For the first 11 months of 2019/20, heart transplant numbers are down 4% on the same period 2018/19. Lung and heart-lung transplant activity has increased slightly in the first 11 months, with an increase of 2% on the same period last year.

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