

NHS BLOOD AND TRANSPLANT

JOINT INNOVATION FUND IMPLEMENTATION BOARD

DCD HEART ACTIVITY

SUMMARY – SEPTEMBER 2021

This report contains information on DCD heart retrieval and transplant activity from 1 February 2015 – 7 September 2021. This is a brief summary report compared to the more comprehensive report which is produced around June and December time.

Note that on 7 September 2020, national allocation for DCD hearts was introduced as part of the Joint Innovation Fund (JIF) UK wide DCD heart pilot, and with that a new data collection form was introduced, The DCD Heart Passport (FRM6356).

For any queries, please contact CardiothoracicStatistics@nhsbt.nhs.uk

Table 1 Outstanding DCD heart supplementary forms and DCD heart passport forms for the period 1 April 2020 – 7 September 2021, as at 20 September 2021

Financial year	Centre	Attended	Retrieved	Transplanted	Total forms outstanding
1 April 2021 – 7 September 2021	Birmingham	0	0	1	1
	Glasgow	0	0	1	1
	Great Ormond Street	0	0	1	1
	Newcastle	0	0	6	6
	TOTAL	0	0	9	9

Figure 1 DCD heart retrieval activity, 1 February 2015 to 7 September 2021, by quarter and retrieval team

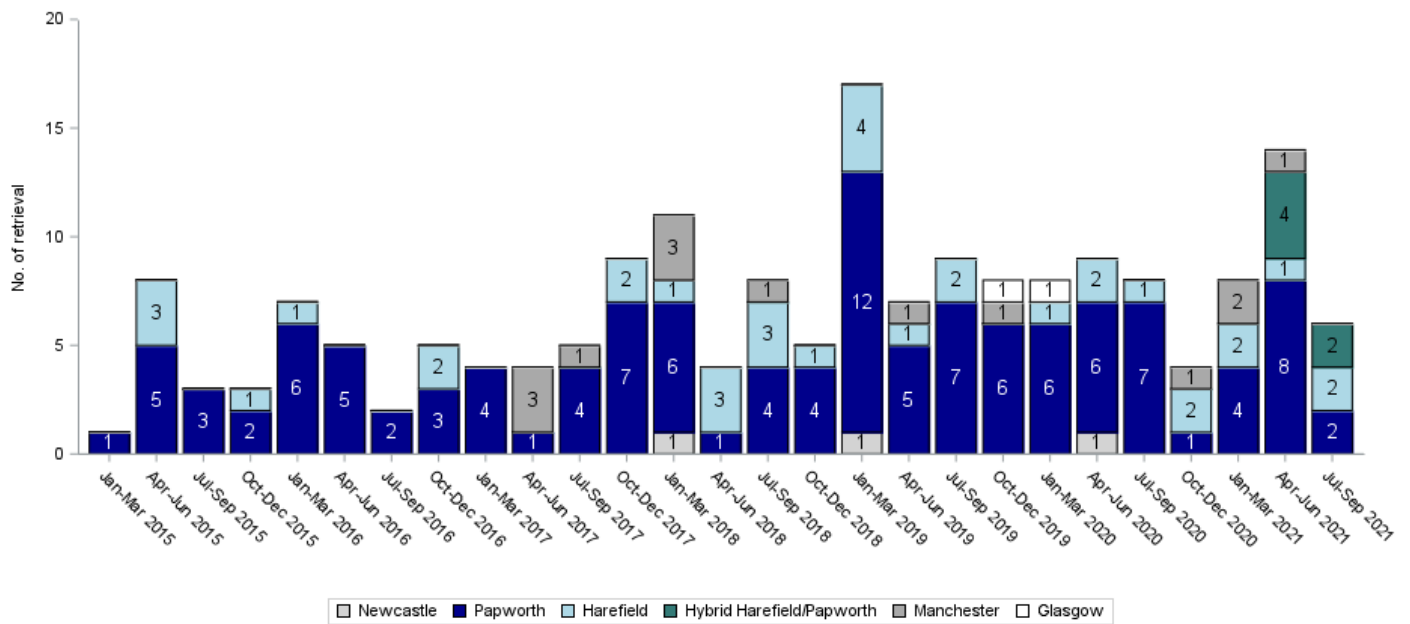
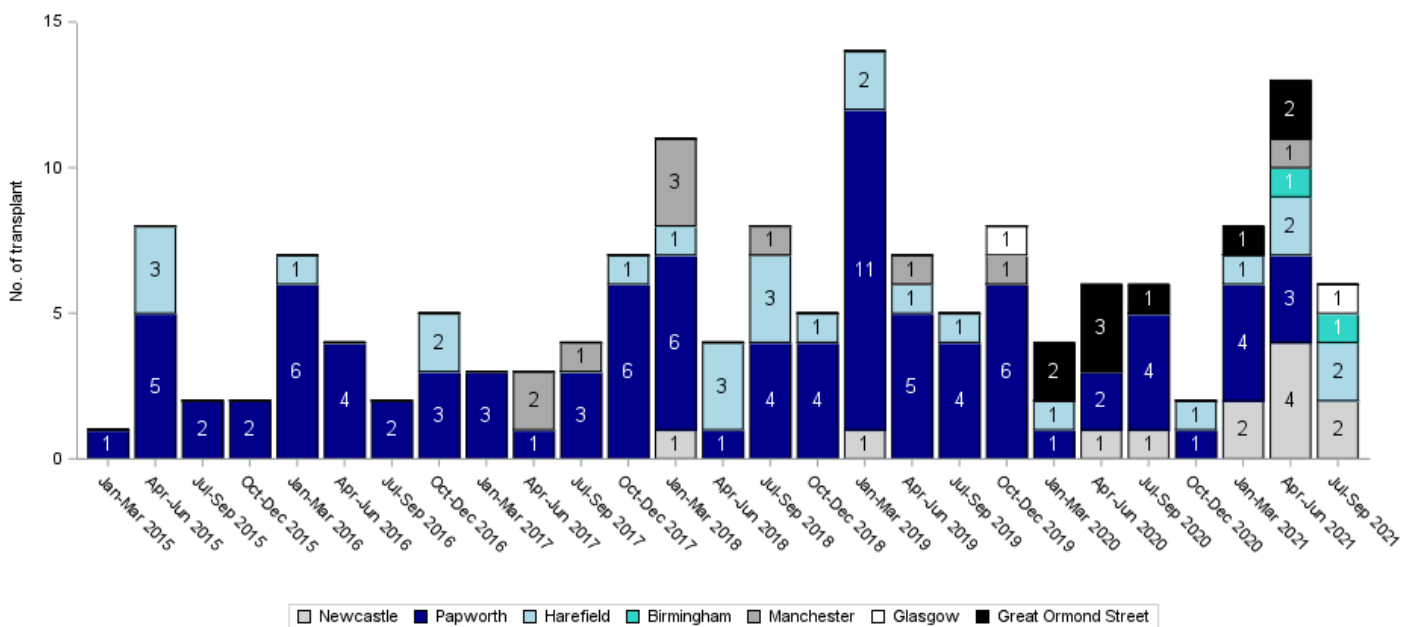


Figure 2 DCD heart transplant activity, 1 February 2015 to 7 September 2021, by quarter and transplant centre



Note that Figure 2 includes one DCD heart-kidney transplant performed in April 2016 and one DCD heart-lung transplant performed in June 2019, both by Papworth

Table 2 DCD heart activity by period and centre, 1 February 2015 – 7 September 2021

Period	Centre	Attended	Retrieved	Transplanted (retrieved by own team)	Transplanted (retrieved by another team)
1 February 2015 – 31 March 2020	Glasgow	2	2	1	0
	Great Ormond Street	0	0	0	2
	Harefield	73	25	20	0
	Manchester	14	10	9	0
	Newcastle	2	2	2	0
	Papworth	122	94	80	0
	Total		213	133	112
1 April 2020 – 6 September 2020	Glasgow	0	0	0	0
	Great Ormond Street	0	0	0	3
	Harefield	7	3	0	0
	Manchester	0	0	0	0
	Newcastle	1	1	1	1
	Papworth	14	12	6	0
	Total		22	16	7
7 September 2020 – 7 September 2021	Birmingham	0	0	0	2
	Glasgow	0	0	0	1
	Great Ormond Street	0	0	0	4
	Harefield	15	7	3	3
	Hybrid – Hare/ Pap	10	6	0	0
	Manchester	4	4	1	0
	Newcastle	0	0	0	8
	Papworth	19	16	5	3
Total		48	33	9	21
Total	Birmingham	0	0	0	2
	Glasgow	2	2	1	1
	Great Ormond Street	0	0	0	9
	Harefield	95	35	25	1
	Hybrid – Hare/ Pap	10	6	0	0
	Manchester	18	14	10	0
	Newcastle	3	3	3	9
	Papworth	155	122	91	3
TOTAL		283	182	128	27

Notes:

- Non-proceeding attendances are identified by return of the DCD Heart Supplementary form/DCD heart passport or where information on the Retrieval Team Information form suggests that DCD heart retrieval was intended
- Newcastle performed one DCD heart transplant in March 2018 despite not joining the programme until October 2018
- Papworth performed one DCD heart-kidney transplant and one DCD heart-lung transplant
- 4 of the transplants performed at Newcastle were in paediatric patients
- Excluded from the total attendances is a case where a donor was changed to DBD after retrieval
- 5 hearts from hybrid team retrievals were transplanted, these are counted in the "Transplanted (retrieved by another team)" numbers against the centre that transplanted the heart (2 Newcastle, 2 Harefield, 1 Birmingham)

Table 3 DCD heart patient outcomes at 30 days post-transplant, by centre, for transplants performed 1 February 2015 – 7 September 2021

Centre	Alive at 30 days	Died within 30 days	Unknown
Birmingham	1	0	1
Glasgow	1	0	1
Great Ormond Street	9	0	0
Harefield	22	3	1
Manchester	10	0	0
Newcastle	7	0	5
Papworth	92	2	0
Total	142	5	8

Note: includes 2 multi-organ transplants and 13 paediatric transplants

Table 4 DCD heart offers during 1 April 2020 - 7 September 2021 and results

Centre	Offers	1 April 2020 - 6 September 2020						7 September 2020 - 7 September 2021						
		Declined		Accepted, not used		Accepted and used		Declined		Accepted, not used		Accepted and used		
		N	%	N	%	N	%	N	%	N	%	N	%	
Birmingham	11	11	100	0	-	0	-	78	69	88	7	9	2	3
Glasgow	32	32	100	0	-	0	-	71	67	94	3	4	1	1
Great Ormond Street	24	19	79	2	8	3	13	94	86	91	4	4	4	4
Harefield	41	32	78	9	22	0	-	94	76	81	12	13	6	6
Manchester	37	36	97	1	3	0	-	84	82	98	1	1	1	1
Newcastle	39	35	90	2	5	2	5	107	90	84	9	8	8	7
Papworth	34	27	79	1	3	6	18	93	67	72	18	19	8	9
Total	218	192	88	15	7	11	5	621	537	86	54	9	30	5

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