

NHS BLOOD AND TRANSPLANT**KIDNEY ADVISORY GROUP****REVIEW OF ALLOCATION SCHEME FOR INFANT DONORS****BACKGROUND**

- 1 Following recommendations, a proposal was accepted at the Kidney Advisory Group in June 2017 such that Leeds and Guy's will be the national centres for implanting kidneys from small paediatric donors. This proposal was implemented in November 2017.
- 2 The protocol states that any kidneys from donors under the age of 2 should be offered en-bloc to either Guy's or Leeds. Kidneys from donors in the North of the UK will first be offered to Leeds and then offered to Guy's and kidneys from donors in the south of the UK will first be offered to Guy's and then offered to Leeds. The kidneys can be used in a patient of the centre's choice.
- 3 This paper summarises all instances of kidneys being offered from donors under the age of 2 between 1 November 2021 and 30 April 2022, and also donors between the ages of 2 and 5 years.

ACTIVITY

- 4 A summary of the number of donors under the age of 2 where en-bloc kidneys were offered since November 2017 is shown in **Table 1** in six-month periods and the corresponding number of protocol deviations. In total, there have been 30 donors with 3 protocol deviations. In the most recent period, there were no deviations.
- 5 **Table 2** summarises the details of one en-bloc kidney that was offered from a donor under the age of 2 years of all donors between 1 November 2021 and 30 April 2022. In this instance the en-bloc kidney was offered but not accepted or transplanted.
- 6 **Table 3** summarises the details of the en-bloc kidneys that were offered from three donors between the ages of 2 and 5 years between 1 November 2021 and 30 April 2022.

DISCUSSION

- 7 Information is presented annually for members' information and any action as appropriate.

Table 1 Number of donors under the age of 2 where en-bloc kidneys were offered and protocol deviations, 1 November 2017 – 30 April 2022

Period	Donors	Protocol deviations
Nov17-Apr18	5	0 (0%)
May18-Oct18	6	2 (33%)
Nov18-Apr19	3	1 (33%)
May19-Oct19	3	0 (0%)
Nov19-Apr20	6	0 (0%)
May20-Oct20	2	0 (0%)
Nov20-Apr21	0	-
May21-Oct21	4	0 (0%)
Nov21-Apr22	1	0 (0%)

Table 2 Summary of en-bloc kidneys offered from donors under the age of 2 years, 1 November 2021 – 30 April 2022

Donor Type	Offered according to policy	Notes	Transplanted	Transplant centre	Outcome
DCD	Yes	Offered to Leeds but declined as no suitable recipients, offered to Guy's and declined due to PMH and three quarters of surgeons off work with COVID. Then went to fast track and declined by all centres. Donor stood down.	No	-	-

Table 3 Summary of en-bloc kidneys offered from donors between the ages of 2 and 5 years, 1 November 2021 – 30 April 2022

Donor Type	Notes	Transplanted	Transplant centre	Outcome
DBD	Offered to GOSH and accepted.	Yes	GOSH	Functioning
DCD	Offered to Manchester then declined as kidney already accepted from another donor for the recip. Accepted by Addenbrookes, however then fast-tracked due to death of intended recipient, and accepted by Guy's.	Yes	Guy's	-
DBD	Offered for any recip. Accepted by Royal London, retrieved then declined due to anatomy. Fast tracked and declined by all centres, then offered for research.	No	-	-