

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 May 2022 and 30 April 2023, and 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 34 donors with 3 protocol deviations. In the most recent period, there were no protocol deviations.
- 5 **Table 2** summarises the details of the four en-bloc kidney that was offered from a donor under the age of 2 years of all donors between 1 May 2022 and 30 April 2023. Three of the four en-bloc kidney offered were accepted and transplanted.
- 6 **Table 3** summarises the details of the en-bloc kidneys that were offered from two donors between the ages of 2 and 5 years between 1 May 2022 and 30 April 2023.

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 2023

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%)
May22-Oct22	1	0 (0%)
Nov22-Apr23	3	0 (0%)

Table 2 Summary of en-bloc kidneys offered from donors under the age of 2 years, 1 May 2022 – 30 April 2023

Donor Type	Offered according to policy	Notes	Transplanted	Transplant centre	Outcome
DCD	Yes	Offered to Guy's and accepted	Yes	Guy's	Functioning
DBD	Yes	Offered to Guy's and accepted	Yes	Guy's	Functioning
DBD	Yes	Offered to Guy's and accepted	Yes	Guy's	-
DCD	Yes	Offered to Guy's, offer accepted but not used due to anatomy. Offered to Leeds and then declined due to anatomy. Fast tracked and declined by all centres. Offered for research.	No	-	-

Table 3 Summary of en-bloc kidneys offered from donors between the ages of 2 and 5 years, 1 May 2022 – 30 April 2023

Donor Type	Notes	Transplanted	Transplant centre	Outcome
DCD	Offered to Leicester and declined due to donor age. Offered to Manchester and accepted.	Yes	Manchester	Functioning
DCD	Offered to Cardiff and declined due to donor's past history. Offered to GOSH and accepted but not used due to low saturation. Offered for fast track, but then offer withdrawn as donor stood down.	No	-	-