

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 2019 and 31 October 2019, 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 17 donors with 3 protocol deviations. In the most recent period, there were no deviations.
- 5 **Table 2** summarises the details of the 4 en-bloc kidneys that were offered from donors under the age of 2 years for donors between 1 May 2019 and 31 October 2019. Of the 4 en-bloc kidneys offered, 1 (25%) was accepted and transplanted. There is no follow-up reported currently for this transplant.
- 6 **Table 3** summarises the details of the en-bloc kidneys that were offered from the one donor between the ages of 2 and 5 years in this time period.

DISCUSSION

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

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Table 1 Number of donors under the age of 2 where en-bloc kidneys were offered and protocol deviations, 1 November 2017 – 31 October 2019

Period	Donors	Protocol deviations
Nov17-Apr18	5	0 (0%)
May18-Oct18	6	2 (33%)
Nov18-Apr19	3	1 (33%)
May19-Oct19	3	0 (0%)

Table 2 Summary of en-bloc kidneys offered from donors under the age of 2 years, 1 May 2019 – 31 October 2019

Donor Type	Offered according to policy	Notes	Transplanted	Transplant centre	Outcome
DCD	Yes	Guy's offered and declined on no suitable recipients. Leeds offered and accepted kidneys.	Yes	Leeds	No follow-up
DCD	Yes	Guy's offered and initially accepted but later declined on chromosomal abnormality.	No		
DCD	Yes	Leeds offered and accepted but stood down due to PTA.	No		
DCD	Yes	Leeds and Guy's offered and both declined on donor medical history. Fast tracked but not accepted.	No		

Table 3 Summary of en-bloc kidneys offered from donors between the ages of 2 and 5 years, 1 May 2019 – 31 October 2019

Donor Type	Notes	Transplanted	Transplant centre	Outcome
DCD	St George's offered and accepted.	Yes	St George's	Functioning
DBD	Nottingham offered and declined on age and weight. Bristol offered and declined as no longer performing en-blocs. Guy's offered and declined on function. St George's offered and declined on no suitable recipients. Manchester offered and accepted.	Yes	Manchester	No follow-up
DBD	Manchester offered SPK and accepted but later decline on logistics. Oxford, Cambridge, Edinburgh offered SPK and declined on size. Nottingham offered kidneys and decline on size. Glasgow offered kidneys and accepted.	Yes	Glasgow	No follow-up