

NHS BLOOD AND TRANSPLANT
CARDIOTHORACIC ADVISORY GROUP

ACCESS TO HEART TRANSPLANTATION FOR LARGER PAEDIATRIC PATIENTS
AT GREAT ORMOND STREET HOSPITAL

BACKGROUND

- 1 A paper titled 'Great Ormond Street paediatric access to heart transplantation' (**CTAG(15)H17**) was taken to the CTAG Heart meeting on 24 September 2016. This paper examined whether there were differences in post registration outcomes between GOSH, Newcastle paediatric and adult centres whilst taking into account urgent status and case mix.
- 2 The paper showed that there was strong statistical evidence of a difference in the proportion of patients transplanted within six months of registration at the two paediatric centres.
- 3 One of the contributing factors for this difference was thought to be the issue of larger paediatric patients requiring adult sized hearts. GOSH will only ever appear below all adult centres in the heart matching run and therefore such patients will only receive offers of an adult donor heart if it has been declined by all adult centres first. These patients therefore
- 4 Another potential contributing factor was the fact that GOSH is the only heart transplant centre without a dedicated allocation zone. As a result, GOSH will never be the first centre to receive a non-urgent offer of a paediatric donor heart.

PROPOSAL

- 5 Two suggestions are proposed to help to alleviate this issue;
 - a. Allow GOSH the flexibility to register a paediatric patient on to the adult heart list (urgent or routine), providing that the patient fulfils a minimum height and weight criteria agreed by CTAG.
 - b. Link GOSH with an adult zone (e.g. Papworth or Harefield) so that offers made to the associated adult centre must share this offer with GOSH.

ACTION

- 6 Members are asked to review this proposal and comment on which option, if either, they feel is most appropriate.

Steven Tsui

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