

Proposal to CTAG - Heart

Proposal: Review of outcomes of urgent heart transplantation in patients with LVAD-related complications in the UK

Heart transplantation in patients with LVADs is associated with increased risks of morbidity and mortality, which may be exacerbated in the presence of LVAD-related complications (eg: infection and right heart failure). This review aims to define the outcomes of urgent heart transplantation in patients with LVAD-related complications and identify patients at high risk of mortality from transplantation. This information will guide adjudication of cases for urgent listing in the presence of LVAD-related complications and potentially shape discussions on allocation of scarce donor organs.

The review should include

1. All patients referred to the Adjudication Panel for urgent listing for heart transplantation on the basis of LVAD-related complications
2. Characteristics of patients with LVAD-related complications placed on urgent waiting list
3. The nature of the LVAD-related complication leading to urgent listing
4. Time to transplant
5. Death/escalation of MCS on waiting list
6. Outcome of transplantation – severe PGD and survival (30-day and 1-year)
7. If available, characteristics of patients declined by Adjudication Panel for urgent listing (and reasons for declining listing)

Outcomes should be compared to contemporaneous cohort of patients who underwent heart transplantation on the urgent/superurgent list.

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