

Modify Graft Failure Definition for VCA

OPTN Vascularized Composite Allograft Transplantation Committee

Purpose of Proposal

- Update graft failure definition for VCA
- Modify VCA graft data collection to enable accurate reporting
- Update waiting time policy for recently approved VCA types

Proposal

- Exclude planned removal of a VCA graft from the definition of graft failure
- Indicate that graft failure occurred if a VCA recipient requires re-transplant
- Modify data collection on VCA graft failure to improve data quality
- Update waiting time policy for recently approved types of VCA
 - Uterus, external male genitalia, other genitourinary organ

Graft Failure Definitions

All organs except pancreas	Proposed for VCA	Rationale
Graft removal	Unplanned graft removal	Some VCA are removed intentionally after successful transplant outcome
Recipient dies	Recipient dies	No change
Recipient placed on chronic allograft support system	Recipient re-registers for same VCA	No chronic allograft support system for VCA Re-registering indicates graft failure

Data Collection Modifications

- Update causes of graft failure to improve precision of reporting
- Require reason for hysterectomy performed following uterus transplant
- Add cause of death relevant to uterus transplantation
 - Maternal and obstetric mortality
- Remove redundant causes of death

Rationale

- VCA graft removal is not always an indication of graft failure
 - Current clinical practice is to remove uterus graft within 5 years of transplant
 - Other VCA types (e.g. abdominal wall) could be transplanted for temporary coverage
- Re-registering for the same VCA graft indicates failure
- There are no chronic allograft support systems for VCAs

Member Actions

- Transplant hospitals will need to document planned removal of a VCA graft pre-transplant or at the time of transplant

What do you think?

- Does the definition appropriately distinguish between graft failure vs. planned removal of a graft following successful transplant?
- Is the definition of “planned removal of a VCA graft” clear?
- Are the proposed modifications to data collection sufficient to capture uterus transplant outcomes?