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

<table>
<thead>
<tr>
<th>All organs except pancreas</th>
<th>Proposed for VCA</th>
<th>Rationale</th>
</tr>
</thead>
<tbody>
<tr>
<td>Graft removal</td>
<td>Unplanned graft removal</td>
<td>Some VCA are removed intentionally after successful transplant outcome</td>
</tr>
<tr>
<td>Recipient dies</td>
<td>Recipient dies</td>
<td>No change</td>
</tr>
<tr>
<td>Recipient placed on chronic allograft support system</td>
<td>Recipient re-registers for same VCA</td>
<td>No chronic allograft support system for VCA Re-registering indicates graft failure</td>
</tr>
</tbody>
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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?