

Supplemental Table 1. Total missing numbers for each baseline characteristic

| Characteristics | Missing numbers (n, %) |
|-----------------------------|-------------------------------|
| Body mass index | 100 (<1%) |
| Ethnicity | 56 (<1%) |
| Chronic lung disease | 18 (<1%) |
| Coronary artery disease | 18 (<1%) |
| Peripheral vascular disease | 20 (<1%) |
| Cerebrovascular disease | 19 (<1%) |
| Diabetes | 22 (<1%) |

Supplemental Table 2. A map of the causes of death to the categories of death in this ANZDATA cohort study.

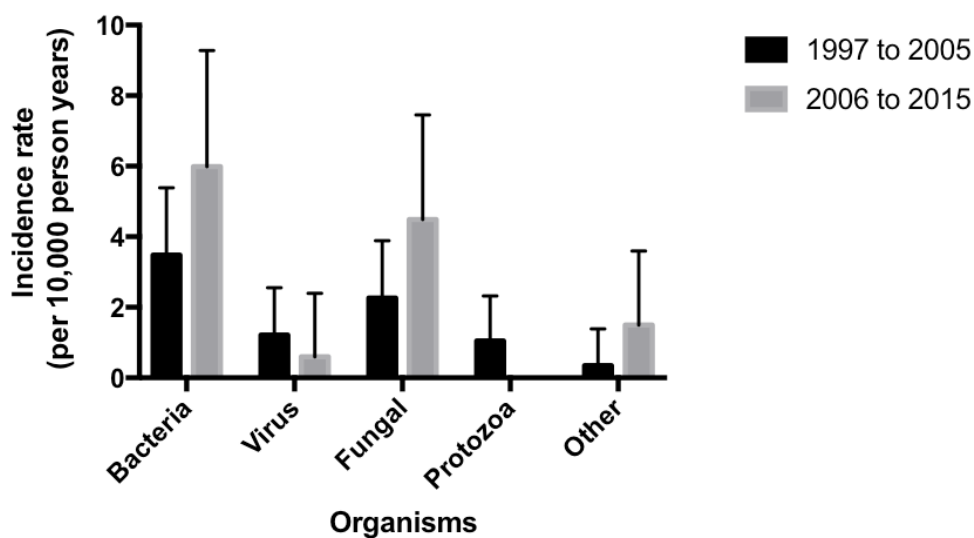
| Categories of death | Causes of death |
|----------------------------|---|
| Infection | Specified by site (central nervous system, lung, urinary tract, wound, shunt, peritoneum, septicaemia, liver, other) and organism (bacterial, viral, fungal, protozoa, other) |
| | |
| Cardiac | Myocardial ischaemia and infarction |
| | Pulmonary oedema |
| | Hyperkalaemia |
| | Haemorrhagic pericarditis |
| | Hypertensive cardiac failure |
| | Cardiac arrest – cause uncertain |
| | Other causes of cardiac failure |
| | |
| Withdrawal | Withdrawal for psycho-social reasons |
| | Withdrawal for cardiovascular co-morbidities |
| | Withdrawal for cerebrovascular co-morbidities |
| | Withdrawal for peripheral vascular co-morbidities |
| | Withdrawal related to dialysis access |
| | Suicide |
| | |
| Malignancy | Withdrawal related to malignancy |
| | Malignant disease |
| | Cachexia |
| | |
| Miscellaneous | Hepatic failure |
| | Uraemia caused by graft failure |
| | Pancreatitis |
| | Bone marrow depression |
| | Perforation of abdominal viscus – peptic ulcer, diverticulum, appendix |
| | Dialysis dementia (aluminium) |
| | Chronic respiratory failure |
| | Sclerosing peritonitis |
| | Vascular (pulmonary embolus, cerebrovascular accident, gastrointestinal haemorrhage, bowel infarction) |

Supplemental Table 3. Specific pathogens associated with infection-related mortality

| Specific organism | Number (n, %) |
|--------------------------|----------------------|
| Bacteria | 223 (54%) |
| Escherichia coli | 29 (7%) |
| Enterococcus | 24 (6%) |
| Klebsiellosis | 20 (5%) |
| Nocardia | 12 (3%) |
| Staphylococcus | 67 (16%) |
| Other | 71 (17%) |
| Viruses | 34 (8%) |
| Cytomegalovirus | 18 (4%) |
| Hepatitis B | 4 (1%) |
| Influenza | 7 (2%) |
| Other | 5 (1%) |
| Fungi | 75 (18%) |
| Aspergillus | 33 (8%) |
| Cryptococcus | 15 (4%) |
| Pneumocystis | 19 (5%) |
| Candida | 5 (1%) |
| Other | 3 (1%) |

Supplemental Figure 1

(A) Overall organism-specific incidence mortality rates, following 12 months of transplantation, by transplant era.



(B) Overall site-specific incidence mortality rates, following 12 months of transplantation, by transplant era. Error bars depict the upper 95% confidence limit.

