

Adult Kidney Transplant Selection Criteria

Policy

To identify appropriate candidates for renal transplant. Generally kidney transplantation is indicated in patients suffering from irreversible kidney failure — CKD Stage IV or V, defined as renal failure, on dialysis or Crcl < 30 cc/min adjusted for patient age and size

Absolute Contraindications

- 1) Malignancy, other than basal or squamous cell skin carcinomas. Prior malignancy will entail an observation period to ensure an acceptable disease-free interval, according to Israel Penn Registry recommendations or other evidence-based guidelines. Clinical decision making will be based on tumor biology and available literature on known outcomes
- 2) Infections, either that are still active or have not yet been shown to be eradicated
- 3) HCV/Hep B with biopsy-documented cirrhosis
- 4) Active immunological disease:
 - Lupus: C3, C4 below normal range
 - Goodpasture: anti-GBM positive
 - Wegeners (or other vasculitis): P-ANCA and C_ANCA positive
 - Scleroderma: SCL70 positive
- 5) Advanced cardiac disease, which includes any severe impairment in cardiac output (<30% EF), uncorrected reversible myocardial ischemia, inoperable CAD, pulmonary hypertension with mean pulmonary artery pressure greater than 50 mm Hg.
- 6) Advanced primary pulmonary or thoracic disease including obstructive or restrictive airway disease with FEV₁ less than 1L FEV₁/FEC ratio less than 65% of predicted, pO₂ less than 65 mm Hg.
- 7) HIV infection
- 8) Sickle cell disease
- 9) Evidence of poor compliance.
- 10) Obesity with BMI greater than 40.
- 11) Unstable psychiatric disorder, especially one likely to interfere with compliance.
- 12) Absence of funding for any part of the transplant process, including post-transplant housing, medication and ancillary support as determined by the MUSC Transplant Program.
- 13) Active alcohol or other substance abuse

Relative Contraindications

- 1) Mild pulmonary or thoracic disease as defined under Absolute Contraindications #5 and 6 above.
- 2) Severe malnutrition, especially with evidence of poor wound healing and/or risk of cutaneous infection
- 3) Age ≥ 75 years old (with some possible exceptions if not diabetic)
- 4) BMI 35-40