

Patient Selection Criteria for Pancreas Transplant

Any patient diagnosed with Diabetes Mellitus that meets the following inclusion criteria can be referred for pancreas transplant evaluation. All potential candidates seen for evaluation will be educated and assessed by the RWJUH multidisciplinary transplant team.

Although some contraindications to transplantation are absolute, many are relative and are determined by individual program policy and experience. Patients should be presumed to be acceptable transplant candidates until proven otherwise. If there is any question regarding an individual's candidacy, the patient should be referred and the transplant team will make the final determination.

Inclusion criteria are:

- a. Diabetes with current insulin use
- b. Transplant Dietitian Clearance
- c. Transplant Nephrologist Clearance
- d. Transplant Surgical Clearance
- e. Psychosocial clearance, including adequate support system.
- f. Adequate financial coverage for transplant care and medications
- g. All current smokers must be referred to a smoking cessation program
- h. If no palpable femoral pulses, obtain CT imaging
- i. Age appropriate cancer screenings to meet the American Cancer Society recommendations
- j. Cardiac clearance per Protocol for Clearance with Cardiac Clearance
- k. Pulmonary clearance per Protocol for Pulmonary Evaluation with Pulmonary Hypertension or COPD for candidates with an RVSP or PASP 50 mm Hg or above when at their established dry weight.
- l. Renal function as determined by a race-neutral eGFR or creatinine clearance through MDRD or Cockcroft-Gault calculation will be required as follows for each type of pancreas transplant
 - i. **SPK** – $\text{CrCl} \leq 20 \text{ ml/min}$ or $\text{GFR} \leq 20$.
 - ii. **PTA** – Eligibility for pancreas transplant alone includes all of the following criteria are met:
 1. Documented $\text{CrCl} \geq 20 \text{ ml/min}$ or $\text{GFR} > 20$,
 2. Proteinuria $< 2 \text{ g}$ collected over a 24-hour period
 3. Hypoglycemic unawareness
 - iii. **PAK** – Kidney recipients must have a documented $\text{CrCl} \geq 40 \text{ ml/min}$ or $\text{GFR} > 40$.

Relative Contraindications which may prevent a patient from being listed or require removal from the transplant waiting list include but may not be limited to:

- a. RV Systolic Pressure > 50 mmHg on an echocardiogram performed within 24 hours of dialysis treatment
- b. A combination of co-morbid conditions which unacceptably raises the risk of patient and/or graft loss
- c. Age \geq 55-65
- d. Poor functional status
- e. Persistent hypotension, particularly requiring Midodrine

Absolute exclusion criteria which may prevent a patient from being listed or require removal from the transplant waiting list include, but may not be limited to:

- a. Age over 65
- b. Candidate BMI > 30
- c. Advanced and/or inoperable coronary artery disease, ischemic cardiomyopathy, EF < 30%
- d. Advanced and/or uncorrectable peripheral vascular disease
- e. Advanced or uncontrolled psychotic disorder
- f. Chronic, unresolved systemic infection
- g. Non-healing wounds and/or presence of Osteomyelitis
- h. HIV positive
- i. Documented history of repeated and/or prolonged treatment/medication non-adherence
- j. Active drug and/or alcohol abuse
- k. History of active or recent malignancy (may have required waiting period)
- l. Advanced COPD
- m. Lack of adequate financial or social support.