

## CRITERIA FOR PANCREAS TRANSPLANTATION

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.

### 1. Inclusion criteria are:

- a. Diabetes with greater than 1 year insulin use
- b. Transplant Dietitian Clearance
- c. Nephrologist Clearance
- d. Transplant Surgical Clearance
- e. Psychosocial clearance, including adequate support system. (Refer to psychosocial evaluation policy for more details.)
- f. Adequate financial coverage for Transplant care and medications
- g. All current smokers must be referred to a smoking cessation program.
- h. Established care of an Endocrinologist.
- i. If no femoral pulses, obtain CT imaging.
- j. Age appropriate cancer screenings to meet the American Cancer Society recommendations
- k. Renal function as determined by creatinine clearance through MDRD or Cockcroft-Gault calculation will be required as follows for each type of pancreas transplant
  - i. **SPK** – CrCl  $\leq 20$  ml/min, patients eligible for simultaneous pancreas kidney transplant (SPK) must
  - ii. **PTA** – Eligibility for pancreas transplant alone includes a documented CrCl at least  $>20$ ml/min and proteinuria less than 2 gms collected over a 24 hour period and hypoglycemic unawareness
  - iii. **PAK** – Kidney recipients must have a documented crcl  $\geq 40$  ml/min
- l. Pulmonary clearance per Protocol for Pulmonary Evaluation with Pulmonary Hypertension or COPD

### 2. Relative Contraindications include:

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

### 3. Exclusion criteria which may prevent a patient from being listed or require removal from the transplant waiting list are, but may not be limited to:

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