Inova upholds rigorous standards for our transplant candidates while still meeting the needs of a growing end stage renal disease population. We encourage any candidate to reach out to Inova if they have questions about being a candidate, we are happy to discuss an individual medical situation.

1. **Kidney transplant is indicated in patients:**
   1. With a creatinine clearance or glomerular filtration rate of less than or equal to 20cc/ minute

OR

* 1. End Stage Renal Disease established by the initiation of chronic hemodialysis or peritoneal dialysis therapy

1. **Kidney / Pancreas or pancreas alone transplant is indicated in patients:**

### **Type 1 Diabetes with:**

* + 1. Renal failure (dialysis dependent or pre-dialysis advanced diabetic nephropathy with eGFR < 20mL/min per 1.73m²)
       1. Unless previous kidney transplant if pancreas after kidney
    2. BMI < 32 kg/m²
    3. Age < 55
    4. Mild or corrected cardiac disease
    5. Minimal to mild iliac artery vascular disease

### **Type 2 Diabetes with:**

* + 1. Presence of renal failure (dialysis dependent or pre-dialysis advanced diabetic nephropathy with eGFR < 20mL/min per 1.73m²)
       1. Unless previous kidney transplant if pancreas after kidney
    2. Insulin-dependent diabetes
    3. If Fasting C-Peptide < 10ng/ml
    4. Insulin requirements <1 Unit/kg/IBW/d
    5. BMI < 30 kg/m²
    6. Age < 55
    7. Mild or corrected cardiac disease
    8. Minimal to mild iliac artery vascular disease

### **Absolute contraindications for kidney, pancreas or kidney/pancreas transplantation**

### Active or metastatic malignancy

* 1. Severe, irreversible extra-renal disease with limited expected survival <3 years
  2. Inability to adhere to immunosuppression regimen
  3. Inadequate financial resources to support transplant care

### **Relative contraindications for kidney alone transplantation**

* 1. Non-metastatic cancer (may be subject to a waiting period before patient is eligible for transplant)
  2. Limited, irreversible rehabilitative potential
  3. Concern regarding compliance:
     1. Psychiatric illness
     2. Legally unacceptable substance abuse
     3. Past history of medication non-adherence
  4. BMI greater than 40
     1. Note: BMI between 40 and 45.9 will be assessed on an individual basis including evaluation of body habitus and comorbidities, but patient will need to have a BMI below 40 to be considered for transplant.
     2. BMI greater than 46 is not eligible for evaluation.
     3. For patients seeking a 3rd or greater transplant, a BMI greater than 30 will be assessed on an individual basis including evaluation of body habitus and comorbidities.
  5. Age > 80 years
  6. Pulmonary embolism within the past six months
  7. Any smoking history
  8. **Patients who are age 70 and above** will be screened prior to evaluation by a specialized transplant nurse practitioner. Those who have documented 2 or more of the below criteria will not be evaluated or eligible for transplant at our center.
     1. Diabetes Mellitus
     2. Coronary Artery Disease
     3. Poor Functional Status / Frailty
     4. Chronic Obstructive Pulmonary Disease
     5. Need for immediate post operative anticoagulation
     6. Atrial Fibrillation

### **Relative contraindications for pancreas alone or simultaneous kidney / pancreas transplantation**

* 1. Non-metastatic cancer (may be subject to a waiting period before patient is eligible for transplant)
  2. Limited, irreversible rehabilitative potential
  3. Concern regarding compliance:
  4. Psychiatric illness
  5. Legally unacceptable substance abuse
  6. Past history of medication non-adherence
  7. Limb amputation related to diabetes/vascular complications
  8. Pulmonary embolism within the past six months
  9. Any smoking history

All patients for simultaneous kidney / pancreas transplant will require surgical evaluation before listing.