

## ■ PKD RESEARCH

The physicians and scientists of the **Susan R. Knafel Polycystic Kidney Disease Center** are working to advance understanding of how PKD develops and, ultimately, to design strategies to prevent its progression. This patient oriented research is accomplished through basic and clinical research studies conducted in RI's research laboratories located within The Rockefeller University and in the General Clinical Research Center of The Rockefeller University. Interested patients may participate in the clinical studies, although eligibility will be determined on an individual basis.

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## The Rogosin Institute Susan R. Knafel Polycystic Kidney Disease Center

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Affiliated with New York-Presbyterian Hospital and  
Weill Medical College of Cornell University

Member of New York-Presbyterian Healthcare System

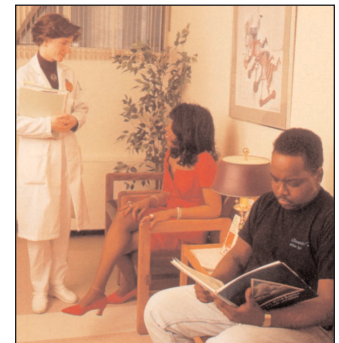
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### OVERVIEW

**Polycystic Kidney Disease (PKD)** is the most common inherited kidney disease and is the fourth most common cause of kidney failure requiring dialysis or kidney transplantation. Related problems include kidney stones, liver disease, high blood pressure and cardiovascular disease. The most common form of this disorder, autosomal dominant PKD, affects half of all children of an affected parent. Because the signs and symptoms of PKD may first appear at any stage of life from infancy onward, ongoing care of PKD patients is essential to slow the progression of kidney disease and to prevent its complications.

### THE CENTER

The Rogosin Institute Susan R. Knafel Polycystic Kidney Disease Center provides a comprehensive approach to the care of patients with PKD at all stages, from the earliest point through end stage kidney disease. Patients receive care from a team of highly skilled profes-



sionals including nephrologists, nurse practitioners, registered nurses, technicians, dietitians and social workers. The Rogosin Institute provides diagnosis and patient care, including all types of dialysis and kidney transplantation. The Rogosin Institute Wing and RI Ralph J. Bunche Dialysis and Apheresis Center in NewYork-Presbyterian Hospital/Cornell provide the inpatient facilities when hospitalization is required for kidney disease-related problems, intensive care hemodialysis and kidney transplantation. Education and research are also important aspects of the Center.

### ■ AIMS

- To provide all patients with the best medical care possible
- To diagnose PKD as early as possible
- To prevent PKD complications, including cardiovascular disease, urinary tract infections, kidney stones and kidney pain
- To treat any PKD complications at the earliest stages, including high blood pressure that occurs in most PKD patients
- To prevent end stage renal disease and, if it occurs, to provide the best possible treatment
- To educate PKD patients and their families about PKD
- To advance PKD research and to develop new preventative and therapeutic approaches

### ■ SERVICES

- Comprehensive care of patients with kidney disease, including diagnosis and ongoing treatment

- Consultation with the patient's primary nephrologist or other primary care provider, including evaluation and recommendations for treatment
- Acute and chronic dialysis if needed
- Kidney transplantation if needed, plus comprehensive follow-up care, including immunosuppressive therapy and monitoring
- 24-hour availability of physicians for emergencies
- Hospitalization when indicated
- Social service assistance and support
- Nutritional counseling by registered dietitians
- Genetic testing and counseling
- Educational programs

### ■ TESTS AND PROCEDURES

- Routine and emergency laboratory tests with close monitoring of all results
- Electrocardiograms
- Kidney ultrasound
- Kidney magnetic resonance imaging
- 24-hour ambulatory blood pressure monitoring
- Special diagnostic tests and consultations at NewYork-Presbyterian Hospital as necessary

### ■ EDUCATION

- Comprehensive individualized instruction by a nurse practitioner regarding PKD and its complications
- Home blood pressure monitoring
- Seminars for patients and their families
- Support groups