

Clinical Connection

News, Updates and Support for Healthcare Professionals



Kennedy Krieger Institute
UNLOCKING POTENTIAL

REHABILITATION • DEVELOPMENTAL MEDICINE • BEHAVIORAL THERAPIES



Dear Colleague,

At Kennedy Krieger Institute, we are committed to providing specialized medical and therapeutic care for children and young adults with disorders and injuries of the brain, spinal cord and musculoskeletal system. Our medical staff comprises hundreds of clinicians representing more than 80 specialty clinics

and programs, and a staff of 2,500 dedicated employees provides your patients and their families with unique access to the latest in research and treatment for neurorehabilitation, behavioral disorders and other developmental disorders.

To ensure your patients receive the best care possible, we take a team approach, as appropriate, bringing together physicians, psychologists, therapists and other clinicians to address all of a patient's needs. Our staff members work closely with you, and your patients and their families, to develop comprehensive and individualized treatment plans.

We offer care in a variety of settings, including a specialty pediatric hospital and outpatient centers that see more than 24,000 patients a year, day treatment services, and home- and community-based programs. We now have outpatient locations in Odenton and Columbia, Md., in addition to our Baltimore locations, to offer added convenience for your patients and their families.

With this newsletter, we've included a copy of *Potential* magazine, which contains inspiring stories, news and research updates for your patients. We appreciate your trust in referring patients to Kennedy Krieger, and we value your input as partners in their care.

If you have any questions or would like to learn more about any of our patient care programs, please call our Physician Referral Line at **443-923-9403** or email us at **FindASpecialist@KennedyKrieger.org**.

Sincerely,
Gary W. Goldstein, MD
President and CEO

INSIDE THIS ISSUE:

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REFERRING YOUR PATIENTS

To support the needs of physicians and healthcare professionals, our care management team is available to provide information on appropriate clinical programs, handle referrals, obtain consultations with Institute specialists, and schedule appointments for patients and families.

Call **443-923-9403** to reach our Physician Referral Line or visit **KennedyKrieger.org/Referrals** for information and resources for physicians and healthcare professionals.

For general information, call **1-888-554-2080** or visit **KennedyKrieger.org**.

OUR CULTURE OF CARE

Kennedy Krieger Institute recognizes and respects the rights of patients and their families and treats them with courtesy and dignity. Kennedy Krieger Institute provides care that preserves cultural, psychosocial, spiritual and personal values, beliefs and preferences. Care is free from discrimination based on age, race, ethnicity, religion, culture, language, physical or mental disability, socioeconomic status, sex, sexual orientation, and gender identity or expression, including transgender. We encourage patients and families to become active partners in their care by asking questions, seeking resources and advocating for the services and support they need. © 2017 Kennedy Krieger Institute 07/2017

PROGRAM SPOTLIGHT: INTENSIVE THERAPY IN A DAY HOSPITAL SETTING

Kennedy Krieger's day hospital program fills a unique niche: the treatment of patients who do not need or no longer require around-the-clock medical observation and therapy, but who still require an intensive therapy program against the backdrop of an educational setting. Our Specialized Transition Program (STP) treats patients under the direction of the pediatric rehabilitation physician and a coordinated clinical team. During rehabilitation, patients generally spend four hours a day in therapy addressing physical, daily living, communication, cognitive, medical and equipment use goals. Patients are able to participate in therapy during the day and return home to their families and caregivers at night.

Through the STP, children and adolescents can receive physical and occupational therapies, speech and language therapies, neuropsychology, counseling, nursing, classroom instruction and other services, all in an educational, comfortable setting that's designed for youngsters. Upon discharge, patients typically transition back to their neighborhood school systems and other community-based programs. The STP serves preschool through high-school-aged children and youth who:

- Are recovering from traumatic brain injury or acquired central nervous system injury
- Have spinal cord disorders and require medical management or rehabilitation of life skills required for independent functioning
- Are recovering from orthopedic surgery
- Have developmental disabilities and have been recommended to receive a short period of intensive therapy
- Have chronic pain and can benefit from rehabilitation

Patients come to the STP from both acute care settings and from home. If you have a patient who you believe would benefit from a day hospital rehabilitation setting, please contact the Day Hospital Nurse Clinical Care Manager at **443-923-4587**.



CAN RESEARCH REALLY CHANGE THE FUTURE OF AUTISM?

Kennedy Krieger Institute is one of 21 clinical sites chosen to participate in SPARK—short for Simons Foundation Powering Autism Research for Knowledge—a national online research initiative designed to become the largest genetic autism study ever undertaken in the United States. Sponsored by the Simons Foundation Autism Research Initiative (SFARI), SPARK will collect information and DNA from a saliva sample for genetic analysis from 50,000 individuals with autism—and their families—to advance our understanding of the causes of this condition, and to hasten the discovery of supports and treatments.

To learn more about SPARK and who can participate, visit SPARKforAutism.org/KKI.

NEUROSURGICAL PROCEDURES FOR SPASTICITY



As a leader in the treatment of children with cerebral palsy, Kennedy Krieger Institute has partnered with the neurosurgery experts at The Johns Hopkins Hospital to provide important surgical options for chronic spasticity, including selective dorsal rhizotomy, baclofen pump placement and deep brain stimulation.

We offer individualized and coordinated care for a variety of disorders, including:

- Cerebral palsy
- Complex movement disorders
- Congenital malformations
- Epilepsy
- Hydrocephalus
- Spina bifida
- Tethered spinal cord
- Traumatic brain injury

These procedures are particularly useful for managing spasticity in patients with cerebral palsy and other complex motor disorders.

Neurosurgery may be appropriate for those no longer achieving optimal outcomes with medication or therapy. Before surgery, all patients receive an interdisciplinary

assessment evaluating them for surgical options designed to improve quality of life.

Benefits of these procedures may include:

- Reduced spasticity
- Improved balance, coordination and mobility
- Improved seizure control
- Enhanced function
- Improved ability to perform activities of daily living
- Contracture prevention
- Pain reduction

Our interdisciplinary team includes pediatric specialists from the following areas:

- Neurology
- Neurosurgery
- Neurodevelopmental medicine
- Neurogenetics
- Nursing
- Occupational Therapy
- Orthopedics
- Physical therapy
- Rehabilitation

We also work with other disciplines as needed, including occupational therapy and assistive technology. The team collaborates to develop an individualized treatment plan appropriate for each child's age.

Referrals for neurosurgical evaluation at Kennedy Krieger may be made by calling **443-923-9403** or by emailing **FindASpecialist@KennedyKrieger.org**.

KENNEDY KRIEGER WELCOMES NEW PHYSICIAN



Kennedy Krieger Institute is pleased to welcome **Dr. Shenandoah Robinson** to its physical medicine and rehabilitation team. Dr. Robinson is a neurosurgeon at The Johns Hopkins Hospital and sees children at Kennedy Krieger who need baclofen pump, deep brain stimulation or dorsal rhizotomy procedures. As a nationally recognized expert in the treatment of epilepsy and spasticity, Dr. Robinson focuses her research on clarifying how early damage to the developing brain leads to deficits such as cerebral palsy and epilepsy, and on how one may address these deficits with neurorestorative agents.



Kennedy Krieger Institute

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PATIENT CARE PROGRAMS & SERVICES

Specialty Pediatric Hospital

Feeding Disorders
Neurobehavioral Unit (NBU)
Rehabilitation Unit—Brain Injury, Complex Medical,
Pain Rehabilitation, Post-Orthopedic Surgery and
Spinal Cord Injury

Outpatient Centers, Programs and Services

International Adoption Clinic
Aquatic Therapy Program
Assistive Technology Clinic
Audiology Clinic
Center for Autism and Related Disorders
Barth Syndrome Clinic
Behavior Management Clinic
Bone Disorders Program
Brachial Plexus Clinic
Center for Brain Injury Recovery
Phelps Center for Cerebral Palsy and
Neurodevelopmental Medicine
Child and Family Support Center
Child and Family Therapy Clinic
Community Rehabilitation Program
Concussion Clinic
Constraint-Induced and Bimanual Therapy Program
Cranial Cervical Clinic
Deafness-Related Evaluations Clinic
Center for Development and Learning
Pediatric Developmental Disorders Clinic
Down Syndrome Clinic and Research Center
Pediatric Epilepsy and Neuropsychiatry Program
Pediatric Feeding Disorders Program
Fetal Alcohol Spectrum Disorders Program
Focused Interdisciplinary Therapy Program
Fragile X Clinic
Healthy Lifestyles Therapy Program
Center for Holoprosencephaly and Related Malformations
Infant Neurodevelopmental Center
Intrathecal Baclofen Program
Limb Differences Clinic

Moser Center for Leukodystrophies
Military Behavioral Health Services
Movement Disorders Program
Center for Genetic Muscle Disorders
Neurobehavioral Outpatient Program
Neurology and Developmental Medicine Program
Neurology and Neurogenetics Clinic
Clinical Neurophysiology Clinic and Laboratory
Neuropsychology Outpatient Clinics
Nutrition Clinic
Occupational Therapy Clinic
Orthopedic Clinic
Osteogenesis Imperfecta Clinic
Pediatric Pain Rehabilitation Program
Physical Therapy Clinic
Psychiatric Mental Health Program
Pediatric Psychology Program
Pediatric Rehabilitation Clinic
Seating Clinic
Sickle Cell Neurodevelopmental Clinic
Sleep Disorders Clinic and Laboratory
Specialized Transition Program (STP)
Speech and Language Clinic
Philip A. Keelty Center for Spina Bifida
and Related Conditions
International Center for Spinal Cord Injury
Hunter Nelson Sturge-Weber Center
Center for Child and Family Traumatic Stress
Tuberous Sclerosis Clinic
Weight Management Program

Continuums of Care

Continuums allow patients to be seen through all stages of care, including 24-hour inpatient programs, day treatment, home- and community-based services, and outpatient programs. They include **Pediatric Feeding Disorders, Neurobehavioral Disorders** and **Pediatric Rehabilitation (complex medical brain injury, pain management, post-orthopedic surgery and spinal cord injury)**.

For a complete listing of all diagnoses, disorders, programs and services, visit KennedyKrieger.org/PatientCare or call **888-554-2080**. TTY users, please contact us at **443-923-2645**, or dial **711** to make a Maryland Relay call.