Opened in 1855 as the nation’s first children’s hospital, The Children’s Hospital of Philadelphia is dedicated to improving the health of children in our region and around the globe through excellence in patient care, innovative research and high-quality education.

Children’s Hospital’s pediatric network provides comprehensive inpatient and outpatient care for infants, children and teens. With 373 beds in three buildings, plus numerous satellites throughout the Delaware Valley, we admit more than 16,000 patients and handle more than 50,000 emergency and 500,000 outpatient visits annually. Our recent mergers with the Philadelphia Child Guidance Center and Children’s Seashore House assure the region’s children access to a full range of medical, surgical, psychiatric and rehabilitative care. Children’s Hospital is a Level I Pediatric Regional Resource Trauma Center.

In addition to clinical care, The Children’s Hospital of Philadelphia is a center for medical research, with one of the largest research budgets among America’s pediatric hospitals.

Children’s Hospital is also a teaching hospital, training thousands of pediatricians, pediatric subspecialists, nurses, other health professionals and basic scientists for positions in academic medicine, community practice and medical research around the world.

The Children’s Hospital of Philadelphia is ranked second among the nation’s pediatric hospitals in a national survey of physicians published by U.S. News & World Report. The Hospital, its Home Care Department and its Clinical Laboratories have all been awarded Accreditation with Commendation by the Joint Commission on the Accreditation of Healthcare Organizations, the highest honor for quality that this body bestows.

Our Network of Care

The Hospital’s Main Campus is located in the heart of Philadelphia’s medical community in the University City section of West Philadelphia.
The Children’s Hospital of Philadelphia

The Children’s Hospital of Philadelphia’s first rehabilitation hospital for children, joined the Children’s Hospital family in 1998. With 45 inpatient beds, this facility provides medical care and rehabilitation to children who have chronic illnesses, severe physical handicaps or developmental disabilities, and houses the occupational and physical therapy departments.

The Child Guidance Center, the nation’s first and largest mental health center for children and adolescents, joined us in 1997, extending the Hospital’s services to include ambulatory and inpatient care for children diagnosed with psychological and psychiatric problems. On our West Campus, a short distance away at the Kirkbride Center, is a 24-bed inpatient psychiatry unit and a number of community-based outpatient psychiatry programs.

In addition to its Main Campus, Children’s Hospital has a wide reach into the community, with additional facilities that make up the Hospital’s integrated delivery system.

Children’s Seashore House, the country’s first rehabilitation hospital for children, joined the Children’s Hospital family in 1998. With 45 inpatient beds, this facility provides medical care and rehabilitation to children who have chronic illnesses, severe physical handicaps or developmental disabilities, and houses the occupational and physical therapy departments.

The Child Guidance Center, the nation’s first and largest mental health center for children and adolescents, joined us in 1997, extending the Hospital’s services to include ambulatory and inpatient care for children diagnosed with psychological and psychiatric problems. On our West Campus, a short distance away at the Kirkbride Center, is a 24-bed inpatient psychiatry unit and a number of community-based outpatient psychiatry programs.

In addition to its Main Campus, Children’s Hospital has a wide reach into the community, with additional facilities that make up the Hospital’s integrated delivery system.

The Hospital provides a comprehensive range of outpatient subspecialty, diagnostic and rehabilitation services through its Specialty Care Centers in Exton, King of Prussia and Chalfont in Pennsylvania and Voorhees, Princeton and Linwood in New Jersey. Child Development Centers in Marlton and Atlantic City, New Jersey provide outpatient developmental and rehabilitation services.

Should a child need hospitalization, CHOP Connection offers an innovative inpatient service in which physicians and surgeons from Children’s Hospital provide round-the-clock staffing of the pediatric units of respected community hospitals. CHOP Connection inpatient units exist at Abington Memorial Hospital, Grand View Hospital, The Chester County Hospital and Shore Memorial Hospital.
Cystic Fibrosis Center
Division of Pulmonary Medicine

Russell Clayton, DO  215-590-3749
Attending physician  claytonr@email.chop.edu
Medical school: Philadelphia College of Osteopathic Medicine
Special training: St. Children’s Hospital for Children
Staff appointment: 1998
Special interests: Evaluation of airway disease in infants and children with asthma and cystic fibrosis; therapy for airway disease in infants and children with cystic fibrosis

Maria R. Mascarenhas, MD  215-590-2997
Assistant director, mascarenhas@email.chop.edu
Outpatient programs
Medical school: St. John’s Medical College, Bangalore, India
Special training: State University of New York, Downstate Medical Center
Texas Children’s Hospital
The Children’s Hospital of Philadelphia
Staff appointment: 1992
Special interests: Nutrition support; cystic fibrosis

Howard Panitch, MD  215-590-3749
Attending physician  panitch@email.chop.edu
Medical school: University of Pittsburgh School of Medicine
Special training: Children’s Hospital of Pittsburgh
St. Christopher’s Hospital for Children
Staff appointment: 1998
Special interests: Sequelae of neonatal lung disease; home mechanical ventilation; infant lung mechanisms; central airway abnormalities

Ronald Rubenstein, MD, PhD  215-590-3749
Attending physician
Medical school: University of Texas Southwestern Medical School in Dallas
Special training: Children’s Hospital of Pittsburgh
Staff appointment: 1998
Special interests: Novel pharmacotherapies for cystic fibrosis; advanced techniques for diagnosis and evaluation of cystic fibrosis; noisy breathing in infancy

Raezelle Zinman, MD  215-590-3749
Attending physician  zinman@email.chop.edu
Medical school: McGill University
Special training: Montreal Children’s Hospital
Staff appointment: 1998
Special interests: Lung transplantation; cystic fibrosis; bronchopulmonary dyplasias; asthma; technology-dependent children

Clinical and professional staff

Jean Henskens, RN, MSN, CRNP
Center coordinator  henskens@email.chop.edu
Michael Donahue, MSN, CRNP
Barbara Heinrich, MSN, CRNP
Nurse practitioners  heinrich@email.chop.edu
Maria Hanna, MS, RD
Nutritionist
Mary Harvey, LSW
Cherie Debrest, LSW
Social workers
Sports Medicine and Performance Center

- Anabolic steroid abuse
In addition to specific treatments, we perform pre-certification physicals and

**Full-time attending staff**

### Bonnie Nye, MD 215-590-6919
*Director, Sports Medicine and Performance Center*
Medical school: University of Pennsylvania School of Medicine
Special training: Reading Hospital and Medical Center
The Children's Hospital of Philadelphia
Hospital of the University of Pennsylvania
Staff appointment: 1998

### Richard S. Davidson, MD 215-590-1527
*Attending surgeon*
Medical school: New York University School of Medicine
Special training: Hospital for Special Surgery, Cornell University
Hospital for Sick Children, Toronto
Staff appointment: 1982
Special interests: Club foot; developmental dysplasia of the hip; leg-length discrepancies

### Jack Flynn, MD 215-590-1527
*Attending surgeon*
Medical school: The University of Pittsburgh School of Medicine
Special training: Brigham and Women's Hospital
Harvard Combined Orthopaedic Program
Boston Children's Hospital
A.I. duPont Institute
Staff appointment: 1996
Special interests: Scoliosis and other disorders of the spine; cerebral palsy; hip disorders; general pediatric orthopaedics; pediatric sports medicine; fractures

### John R. Gregg, MD 215-590-1527
*Attending surgeon*
Medical school: Bowman Gray School of Medicine
Special training: Baptist Hospital, Winston-Salem, N.C.
National Aerospace Medical Institute
University of Pennsylvania
Staff appointment: 1977
Special interests: Sports medicine; pediatric orthopaedics

### Theodore J. Ganley, MD 215-590-1527
*Attending surgeon*
Medical school: Hahnemann University School of Medicine
Special training: The Children’s Hospital of Philadelphia
Graduate Hospital
Staff appointment: 1997
Special interests: Pediatric sports medicine; pediatric trauma and fractures; arthroscopic surgery; pediatric orthopaedics

### Bonnie Nye, MD 215-590-6919
*Director, Sports Medicine and Performance Center*
Medical school: University of Pennsylvania School of Medicine
Special training: Reading Hospital and Medical Center
The Children's Hospital of Philadelphia
Hospital of the University of Pennsylvania
Staff appointment: 1998

### Richard S. Davidson, MD 215-590-1527
*Attending surgeon*
Medical school: New York University School of Medicine
Special training: Hospital for Special Surgery, Cornell University
Hospital for Sick Children, Toronto
Staff appointment: 1982
Special interests: Club foot; developmental dysplasia of the hip; leg-length discrepancies

### Jack Flynn, MD 215-590-1527
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Medical school: The University of Pittsburgh School of Medicine
Special training: Brigham and Women's Hospital
Harvard Combined Orthopaedic Program
Boston Children's Hospital
A.I. duPont Institute
Staff appointment: 1996
Special interests: Scoliosis and other disorders of the spine; cerebral palsy; hip disorders; general pediatric orthopaedics; pediatric sports medicine; fractures

### John R. Gregg, MD 215-590-1527
*Attending surgeon*
Medical school: Bowman Gray School of Medicine
Special training: Baptist Hospital, Winston-Salem, N.C.
National Aerospace Medical Institute
University of Pennsylvania
Staff appointment: 1977
Special interests: Sports medicine; pediatric orthopaedics
Trauma Program

N. Scott Adzick, MD 215-590-2727
Surgeon-in-chief adzick@email.chop.edu
Medical school: Harvard Medical School
Special training: Massachusetts General Hospital
Boston Children's Hospital
University of California, San Francisco
Staff appointment: 1995
Special interests: Neonatal surgical emergencies; thoracic surgery; critical care

Michael L. Nance, MD 215-590-3932
Associate director of Trauma for General Surgery nance@email.chop.edu
Medical school: Louisiana State University School of Medicine
Special training: Hospital of the University of Pennsylvania
The Children's Hospital of Philadelphia
Staff appointment: 1998
Special interest: Trauma; critical care; oncology; neonatal surgery

Timothy M. Crombleholme, MD 215-590-2753
Attending surgeon crombleholme@email.chop.edu
Medical school: Tufts University School of Medicine
Special training: University of California, San Francisco
Tufts-New England Medical Center
Staff appointment: 1996
Special interests: Surgery of the newborn; laparoscopic and thoracoscopic surgery; inflammatory bowel disease

Daniel von Allmen, MD 215-590-4981
Attending surgeon vonallmen@email.chop.edu
Medical school: University of Vermont, College of Medicine
Special training: University of Cincinnati Medical Center
Children's Hospital Medical Center, Cincinnati, Ohio
Staff appointment: 1997
Special interests: ECMO; pediatric critical care; surgical oncology

Alan W. Flake, MD 215-590-2744
Attending surgeon flake@email.chop.edu
Medical school: University of Arkansas for Medical Sciences
Special training: Children's Hospital Medical Center, Cincinnati, Ohio
University of California, San Francisco
Staff appointment: 1996
Special interests: Surgery of the newborn; laparoscopic and thoracoscopic surgery; renal transplantation

Associate trauma directors

Traumatically injured children frequently need treatment by multiple clinical services. The children arrive with multiple injuries or serious single system injuries in need of a wide array of specialized care. To ensure that we maintain a system that allows for superior pediatric trauma care, associate trauma directors from key areas have been appointed.

John B. Rose, MD 215-590-4520
Anesthesiology rose@email.chop.edu

Andrew T. Costarino, MD 215-590-1871
Critical care costarino@email.chop.edu
Voiding Disorders

DOVE Center
Division of Urology

Appointment/consultations
Children’s Hospital ............................................. 215-590-2754
Specialty Care Center in Bucks County, Pa. ........ 215-997-5730
Specialty Care Center in Exton, Pa. ................. 610-594-9008
Specialty Care Center in King of Prussia, Pa. ..... 610-337-3232

The Division of Urology assists in the diagnosis and treatment of dysfunctional voiding through its Dysfunctional Outpatient Voider Education (DOVE) Center. DOVE Center staff utilize urodynamic assessment (uroflowmetry, cystometrogram, EMG tracing, post-void residual) and imaging coordination (ultrasound, IVP, cystogram) to aid in diagnosis.

Rehabilitative programs offered include parent and child education, counseling and support, pharmacotherapy, bladder retraining, biofeedback, behavior modification and clean intermittent catheterization.

Clinical and professional staff

Dennis Durbin, MD 215-898-1459
Emergency Medicine durbin@email.chop.edu
Cindy Christian, MD 215-590-2058
Medicine christian@email.chop.edu
Ann-Christine Duhaime, MD 215-590-2780
Neurosurgery duhaime@email.chop.edu
John M. Flynn, MD 215-590-1533
Orthopaedics flynnj@email.chop.edu
Steven D. Handler, MD 215-590-3454
Otolaryngology handler@email.chop.edu
Soroosh Mahboubi, MD 215-590-2561
Radiology mahboubi@email.chop.edu
Maura McManus, MD 215-895-3820
Rehabilitation mmcmmanus@email.chop.edu

Additional physician with a special interest and expertise in trauma
Peter Sun, MD 215-590-2780
Neurosurgery sun@email.chop.edu

Seth Lewis Schulman, MD 215-590-3344
Director, DOVE Center 215-590-DOVE
Uronephrologist schulman@email.chop.edu
Medical school: New Jersey Medical School, Newark
Special training: St. Christopher’s Hospital for Children
Staff appointment: 1992
Special interests: Children with manifestations of dysfunctional voiding (recurrent urinary tract infections, incontinence and enuresis); hypertension; nephrotic syndrome; hematuria; nephrolithiasis
Laboratory Results
Laboratory information may be obtained by calling 215-590-2277.

Location
Children’s Hospital is located at 34th Street and Civic Center Boulevard in Philadelphia. It adjoins the campus of the University of Pennsylvania, next to the Hospital of the University of Pennsylvania and across the street from the Philadelphia Civic Center and the Penn Tower Hotel. Civic Center Boulevard is fed by a network of streets and the Schuylkill Expressway. See section on Specialty Care Centers for maps and directions to our outpatient Specialty Care and Child Development Centers.

Directions
From New York or Northern New Jersey:
Take the New Jersey Turnpike to Exit 4 (Camden). Bear right off the exit ramp onto Route 73 North and follow signs for 295 South (approximately 3/4 mile on the right). Travel 295 South for 9 miles to Exit 26, (road forks, stay left) to Walt Whitman Bridge (left lane). Cross the bridge onto 76 West (Schuylkill Expressway) to Exit 40 (left lane), South Street. Turn left onto South Street (which becomes Spruce Street), then turn left onto 34th Street (third light). Follow directions on next page. *

From Southern New Jersey:
Take the Atlantic City Expressway to North-South Freeway (Route 42). Cross the Walt Whitman Bridge into Philadelphia. Follow Route 76 West to Exit 40 (left lane), South Street. Turn left onto South Street (which becomes Spruce Street), then turn left onto 34th Street (third light). Follow directions on next page. *

From Delaware/South:
Take I-95 North to Exit 11(291, Central Philadelphia, Interstate 76). Cross the Platt Bridge, which becomes Penrose Avenue. Turn left (the first light) onto 26th Street and follow signs to 76 West (Schuylkill Expressway). Take 76 West 3 miles to Exit 40 (left lane), South Street. Turn left onto South Street (which becomes Spruce Street), then turn left onto 34th Street (third light). Follow directions on next page. *

* Proceed on 34th Street, which becomes Civic Center Boulevard at the bend, to the second light (The Children’s Hospital of Philadelphia) or the third light (Richard D. Wood Pediatric Ambulatory Care Center) and make a right turn. The Hospital and the Wood Center are on the right. You will see signs for the parking garages.
Parking

Parking is available for patients, their families and visitors in the Children’s Hospital main garage, the Wood Center garage and the adjoining public underground garage. Parents or guardians may obtain a sticker for discounted parking of $3 good for up to 24 hours of parking in any of these garages. Additional parking is available at the Civic Center garage, the Penn Tower garage and at a number of nearby university lots. Please refer to the specific garage for rate information. For more information about parking services at The Children’s Hospital of Philadelphia, please call the office of Transportation and Parking Services at 215-590-4375.

Directions to West Campus, 49th and Market Streets

From New York and Northern New Jersey

Take the New Jersey Turnpike to Exit 4 (Camden). Bear right off the exit ramp onto Route 73 North and follow signs for 295 South (approximately 3/4 mile on the right). Travel 295 South for 9 miles to Exit 26, (end of 295 is a fork, stay left) to Walt Whitman Bridge (left lane). Cross the bridge onto 76 West (Schuylkill Expressway). Follow 76 west to 30th Street exit. Proceed directly through first traffic light. Turn left at second traffic light onto Market Street west. Follow Market Street west to 48th Street. Turn right onto 48th Street. The parking lot is half way down the block on the left.

From Southern New Jersey

Atlantic City Expressway to North-South Freeway (Route 42). Cross the Walt Whitman Bridge onto 76 West (Schuylkill Expressway). Follow 76 west to 30th Street exit. Proceed directly through first traffic light. Turn left at second traffic light onto Market Street west. Follow Market Street west to 48th Street. Turn right onto 48th Street. The parking lot is half way down the block on the left.