

Changing what's possible

Working together.
Transforming lives.



Cohen Children's Medical Center
718-470-3000
www.northshorelij.com/ccmcny

Kevin McGeachy
CCMC Executive Director

Vincent A. Parnell Jr. MD, FACS, FAAP
Surgeon-in-Chief

North
Shore LIJ



Cohen Children's
Medical Center

269-01 76th Avenue
New Hyde Park, NY 11040

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Cohen Children's
Medical Center

SPECIALIZED PEDIATRIC SURGICAL SERVICES

Changing what's possible

Working together.
Transforming lives.

North
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Message from our
Surgeon-in-Chief
Dr. Vincent A. Parnell Jr.

Cohen Children’s Medical Center is entering an unprecedented era of expansion in the magnitude, scope and variety of surgical services it provides. Over the past several years, recruitment of additional personnel has occurred in every surgical subspecialty and at every level. New leadership and expertise in Orthopaedics, General Surgery and Otolaryngology complements the existing experience in Neurosurgery, Cardiothoracic Surgery and Urology as well as Plastic and Reconstructive Surgery, Dentistry and Ophthalmology. As you would expect, the Department of Anesthesiology is also expanding to keep pace with the surgical service expansion.

New systematic enhancements and expansions allow us to continue to prepare our patients and their families emotionally, physically and psychologically for the stress of surgery and the healing process. In addition we continue to expand our efforts to provide the latest facilities and technology in our operating rooms themselves. Nursing leadership in these arenas is keeping pace and evolving to meet the ever-increasing needs of our patients in each of these venues. Participation in national databases such as NSQIP, STS and ACS Trauma Certification, among others, will provide the benchmarks to allow us to continue to measure ourselves against our peers. The overarching goal is to ensure that we continue to provide the superb care at every level that our patients, their families and our physicians have come to expect from a top tier children’s hospital.

All of us here at CCMC know that it is a privilege to care for our patients and families and we are committed to the highest quality of care. Our entire administrative staff is committed to the concept of including patients and their families as an integral part of our treatment teams. Working together with our physicians, nurses and other clinical professionals, we are more than a pediatric hospital, CCMC is a healing community. We recognize the special needs of our patients and their families, and provide them not only the best medical care but also an environment that promotes safety, comfort, inclusion and transparency.

Dr. Vincent A. Parnell Jr.
Surgeon-in-Chief
Chief, Pediatric Cardiac Surgery

Proud to be among the Best Pediatric Hospitals in the Nation



A truly unique facility, Cohen Children’s Medical Center is dedicated exclusively to the care of children and committed to providing the most sophisticated, state-of-the-art care in all major clinical areas. Family centered care is the core of our mission. Our discoveries, advancements and achievements over the years have earned us recognition as one of the nation’s preeminent children’s hospitals.

Leading the Way in Adolescent, Pediatric and Children’s Health Care Services
As the only dedicated children’s hospital serving Nassau, Brooklyn and Queens, we provide the most advanced and comprehensive clinical services and treatments for the 1.7 million children in our region. We exist for their benefit. While we are a destination hospital with national and global reach, 95% of our patients come from within our local community.

Our services include:

- | | |
|---|--|
| ■ Adolescent Medicine | ■ Nephrology |
| ■ Allergy and Immunology | ■ Neurology |
| ■ Asthma Center | ■ Neurosurgery |
| ■ Cardiac Surgery | ■ Ophthalmology |
| ■ Cardiology | ■ Orthopaedics |
| ■ Cranial Facial & Cleft Palate | ■ Otolaryngology |
| ■ Critical Care | ■ Pediatric & Adolescent Gynecology |
| ■ Cystic Fibrosis | ■ Pediatric Hematology & Oncology |
| ■ Developmental & Behavioral Pediatrics | ■ Pediatric Surgery |
| ■ Emergency Medicine & Urgent Care | ■ Pulmonology |
| ■ Endocrinology & Diabetes | ■ Rheumatology |
| ■ Epilepsy Center | ■ Sleep Study Center |
| ■ Gastroenterology | ■ Trauma |
| ■ Infectious Diseases | ■ Urology |
| ■ Medical Genetics | ■ Comprehensive Airway Respiratory & Esophageal Team (CARE Team) |
| ■ Neonatology | |

Multidisciplinary family care is not our philosophy. It’s our reality.

Surgeons, emergency medicine personnel, anesthesiologists, radiologists, pathologists, pain managers, nurses and technicians, all highly specialized and exclusively dedicated to the care of children, come together daily to share their expertise and deliver individualized solutions that meet the unique needs of every one of your patients and their families.

Ranked as one of the nations top children’s hospitals by U.S. News & World Report five years in a row (2007-2012)

DISTINGUISHED ACHIEVEMENTS

- Nationally renowned Pediatric Urology department - Cited by US News and World Report as one of our nation’s top programs and #1 in New York (2011-12).
- Advanced Pediatric Brain and Spinal Cord Tumors program - Integrating pediatric neurooncologists, neurosurgeons, neurologists, pathologists and other pediatric professionals to

provide state of the art treatment for these rare and clinically challenging conditions.

- Largest and most comprehensive Pediatric Cardiology care center in our region.
- One of only two Level 1 Trauma Centers in the New York Metropolitan area dedicated to pediatrics.
- The only Comprehensive Airway Respiratory and Esophageal Team (CARE Team)on Long Island.
- One of the nation’s best Pediatric Diabetes Centers – Cited by US News and World Report as one of the top children’s medical centers for diabetes care nationwide (2011-12).
- Premier Neonatal Services including an advanced array of specialists providing leading edge evaluation, medical and advanced surgical treatments to care for all NICU patients.

Pioneers of Pediatric Surgery

Leading Innovation. Influencing Change. Transforming Lives.

Our goal is to function seamlessly as an extension of your practice, working together to change what is possible, transforming the course of children’s lives

The Pediatric Surgery Division at Cohen Children’s Medical Center features nationally and internationally recognized pediatric specialists in a wide range of fields. With over 40 pediatric surgeons, we are one of the largest groups in the NY tri-state area. For the last 30 years we have been changing the landscape of children’s healthcare, creating and embracing the latest innovations and technologies and setting the benchmarks for success and improved care as only a hospital dedicated solely to the needs of children can. Most importantly, these vital accomplishments have led to decreased post-operative pain and complications, reduced recovery times and shortened hospital stays.

Our mission is to ensure that every child in our region has access to a center of excellence for all surgical specialties and receives the best care possible in an environment specially designed for children.

The best and most comprehensive pediatric surgical expertise on Long Island

In 2011 7,502 surgeries
160+ Attendings
40 Surgeons
500 Nurses ... and growing

CCMC offers an incomparable level of surgical expertise. Our services encompass the entire spectrum of pediatric surgical care, from the most sophisticated minimally invasive general surgical procedures to complex cardiac surgical operations. The depth and breadth of our talent and technology is unmatched. Our pediatric surgical departments of Cardiothoracic Surgery, Neurosurgery, Urology and Orthopaedic Surgery are ranked among the best in the country.



“Together we can take care of every child.”

-Kevin McGeachy, FACHE
CCMC Executive Director

At CCMC, every surgical specialty is represented by an innovative team of renowned full time attendings, always prepared for the expected and the unexpected. Last year more than 2,700 pediatric patients were transferred to CCMC to benefit from our sub-specialty expertise and high-quality family centered care.



Advancing Pediatric Surgical Care
The goal is simple.
The work is challenging.
The results save lives.

ACS NSQIP Pediatric

CCMC is one of only 45 hospitals nationally participating in the beta phase of ACS NSQIP Peds

MEASURE. REPORT. IMPROVE.
Providing the best care requires a group effort. CCMC is dedicated to improving the quality of care provided to all children, not just those we treat. Our goal is to contribute to the collection of highly reliable clinical data that will allow all participating hospitals to compare their surgical outcomes with the intention of establishing benchmarks and improving surgical care.

The American College of Surgeons (ACS) in collaboration with the American Pediatric Surgical Association (APSA) has developed ACS National Surgical Quality Improvement Program Pediatrics (ASC NSQUIP Peds) specifically for specialties in children’s surgery. ASC NSQUIP Peds is the only national database created to consistently collect and measure multispecialty surgical outcomes. Still in its beta phase, CCMC is one of only 45 hospitals participating nationally in the development of this program.

ASC NSQUIP Peds collects approximately 134 data points from nine pediatric surgical specialties on patients that are less than 18 years of age, including preoperative risk factors, intraoperative variables and 30 day post-op outcomes. With the complete and enthusiastic support of all of our physicians, clinical, and administrative staffs, we are confident that together, we will advance the treatment of children with evidenced based practice throughout our nation and around the world.

Balance is the key to our collective success



General Surgery

Doing
more *for*
our patients
and less
to them

PART EVOLUTION. PART REVOLUTION.
At Cohen Children's Medical Center, surgical success relies upon multiple disciplines coming together with you to contribute to the individualized care of each and every patient. Our multidisciplinary approach to pediatric surgical treatments reflects the ongoing surgical revolution spearheaded by the continuing development of more advanced minimally invasive techniques such as laparoscopic, thoracoscopic, and other endoscopic surgeries.

Some of the pediatric surgical expertise and specialty services available to your patients include:

MINIMALLY INVASIVE SURGERY

The pediatric surgeons at CCMC provide the most advanced minimally invasive surgical techniques available. No other medical center in New York, New Jersey or Connecticut offers the breadth and scope of pediatric minimally invasive surgery that is available to your patients at CCMC.

LEVEL 1 PEDIATRIC TRAUMA CENTER

One of only two Level 1 Trauma Centers in the New York Metropolitan area dedicated to pediatrics. Our world-class surgeons and a specially trained multidisciplinary trauma care team are available 24 hours a day, 7 days a week. Our team of trauma surgeons, orthopedists, neurosurgeons, and reconstructive/plastic surgeons collaborate with emergency medicine physicians, critical care physicians, anesthesiologists and radiologists to assess and treat your injured children.

NEONATAL SURGERY

CCMC is a regional referral center for neonatal surgery. Our ECMO (extracorporeal membrane oxygenation) program for infants with severe cardio-respiratory diseases is one of the most active in the region and the only one on Long Island.

AMBULATORY SURGERY CENTER

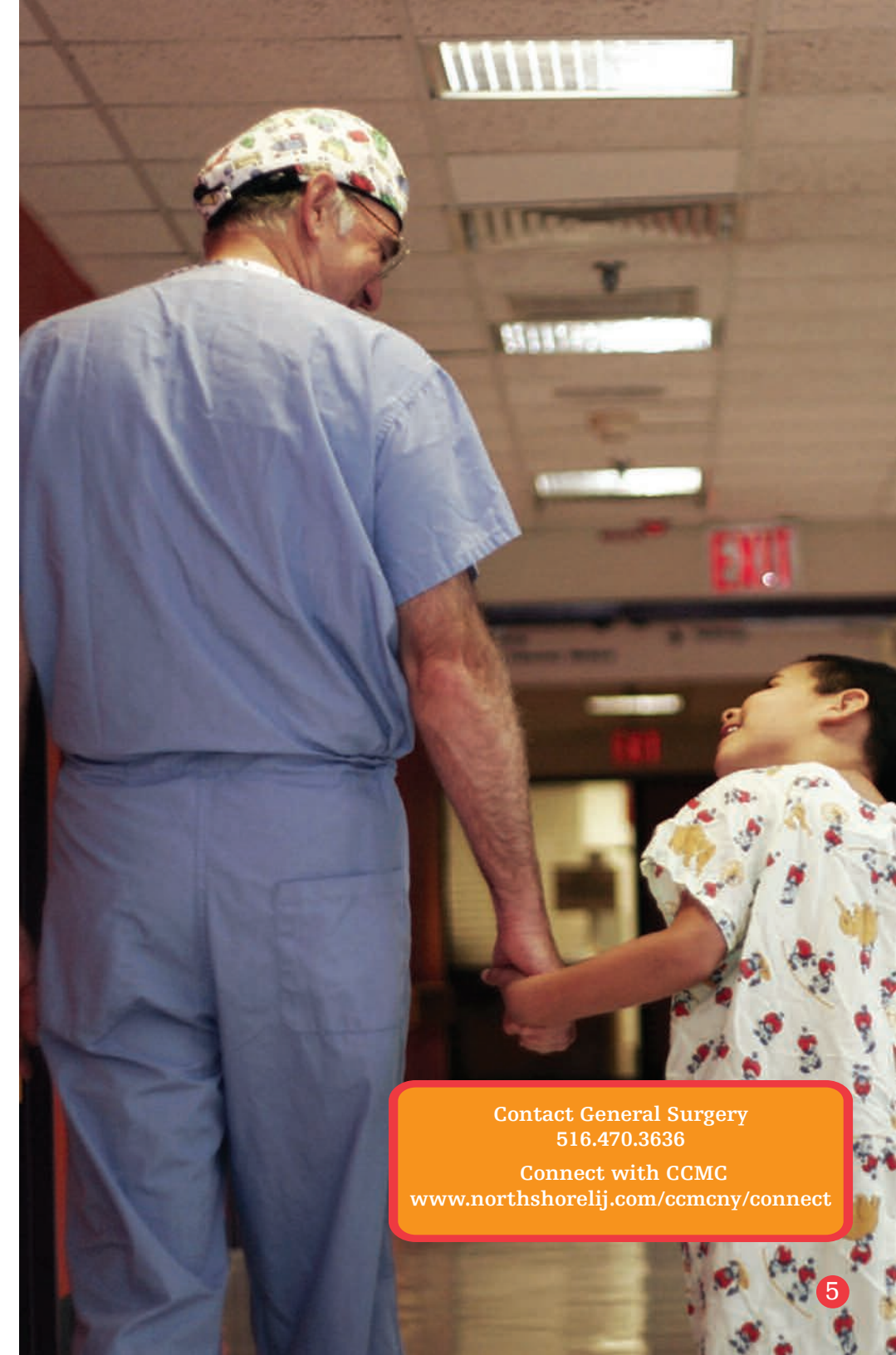
The "same day surgery unit" at CCMC enables children to undergo surgery for many problems without the necessity of an overnight stay in the hospital. Our all-in-one appendectomy, spearheaded by Dr. Steven Stylianos, is quick, scarless and less costly. This revolutionary procedure reduces the average hours a child has to be in the hospital from 16 hours to 5 hours.

We are proud to be leaders and pioneers in the use of minimally invasive surgery for:

- Anti-reflux Operations (Nissen Fundoplication)
- Appendectomy
- Cholecystectomy
- Gastrostomy Replacement
- Intestinal Resection
- Nephrectomy (Kidney removal)
- Ovarian Cystectomy
- Pull-through for Hirschsprungs's Disease
- Pull-through for Imperforate Anus
- Pyloromyotomy
- Splenectomy
- Inguinal Hernia Repair
- Diaphragmatic Hernia
- Decortication and Empyema Drainage
- Lung Biopsy and Lung Resection
- Mediastinal Mass Removal
- Pectus Exacavatum Repair (Nuss Procedure)
- Treatment for Pneumothorax

Contact General Surgery
516.470.3636

Connect with CCMC
www.northshorelij.com/ccmcny/connect



Orthopaedics

Ranked as one of the top orthopedic programs in the nation by US News & World Report 2011-12

The Children's Orthopaedic and Rehabilitation Center at Cohen Children's Medical Center has skilled and caring pediatric orthopaedic surgeons and robust programs to care for the unique needs of your patients, including comprehensive evaluation and pediatric orthopaedic treatment of:

- Scoliosis and Spinal Deformities
- Hip Dysplasia
- Club Feet
- Charcot-Marie-Tooth disease
- Skeletal Dysplasias and Dwarfism
- Sports Injuries
- Neuromuscular and Movement Disorders
- Hand and Upper Extremity Conditions
- Bone and Soft Tissue Tumors
- Fractures and Orthopaedic Traumas
- Infections of Bones and Joints

Some of the pediatric orthopaedic surgical expertise and specialty services available to your patients include:

SPORTS MEDICINE

The growing Sports Medicine specialty was developed to meet the needs of the pediatric population for sports injuries and prevention. From diagnostic imaging with our pediatric radiologists and technologists to rehabilitation with our orthopaedic-certified physical therapists, young athletes are cared for by professionals who specialize in addressing the unique needs of growing bodies.

ORTHOPAEDIC ONCOLOGY AND LIMB SPARING SURGERY

CCMC is a leading innovator of limb sparing surgery for children and teenagers with bone and soft tissue tumors. When appropriate, cutting-edge techniques are implemented as an alternative to amputation for approved candidates. Our highly skilled orthopaedic oncologists specialize in the treatment of bone and soft-tissue tumors in children. Working in tandem, our multidisciplinary team of specialists provides comprehensive evaluation, individualized treatment and rapid, compassionate care.

VERTICAL EXPANDABLE PROSTHETIC TITANIUM RIB (VEPTR)

CCMC is one of the only hospitals in the region with expertise utilizing VEPTR. Caring for children with restrictive lung growth derived from congenital chest wall deformations such as scoliosis, kyphosis, Jeune syndrome, Jarcho-Levin syndrome, or missing ribs, our physicians are slowing, halting and in some cases even reversing symptoms.

LITTLE PEOPLE EXPERTISE

With our Pediatric Orthopaedic Chief on the medical advisory board of The Little People of America, CCMC is creating a world-class program for little people, dwarfs and children with other skeletal dysplasias, evolving to be a center of excellence.

We are proud to be leaders and pioneers in pediatric orthopaedic surgical treatments for:

- Growth Disturbances
- Infection and Tumors
- Trauma
- Complex Fractures
- Dislocations and Tendon Injuries
- Traumatic Brain Injury
- Spinal Cord Injury
- Neuromuscular Disorders
- Cerebral Palsy
- Spasticity
- Spina Bifida
- Spinal Cord Injury
- Spinal Muscular Atrophy
- Muscular Dystrophies
- Genetic Syndromes associated with Orthopaedic Problems



Contact Orthopaedic Surgery
516.470.3570

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Urology

Ranked #1 in
New York
and as one of
the top in the
nation by US
News &
World Report
2011-12

Honored for excellence, innovation and exceptional performance year after year, the pediatric urologic surgeons at Cohen Children's Medical Center are internationally recognized for superior outcomes for the full spectrum of pediatric care. We work closely with pediatricians and all pediatric specialists, including pediatric nephrologists, oncologists, endocrinologists, geneticists, radiologists and gynecologists to provide wide-ranging and innovative treatments including minimally invasive surgery; robotic, laparoscopic and endoscopic modalities, and reconstructive urology. Since many urologic conditions, such as hydronephrosis, are detected by ultrasound during pregnancy, our physicians are available for prenatal consultations as well.

Some of the pediatric urologic surgical expertise and specialty services available to your patients include:

ROBOTIC SURGERY

Our team of surgeons is breaking new ground performing complex urological procedures with greater precision, visibility, accuracy and minimal blood loss using state-of-the-art technology for robotically-assisted surgery for the full spectrum of conditions involving the kidneys, ureters, bladder, and urethra.

RECONSTRUCTIVE SURGERY

Our urologic surgeons are recognized as leaders in performing complex reconstructive surgery of the genitourinary tract including an expertise in employing innovative techniques for the most complicated hypospadias, exstrophy, and intersex cases.

UNDESCENDED TESTES

CCMC maintains the largest and most Comprehensive Center for Undescended Testes in the country. Early detection and treatment of this condition significantly reduces instances of infertility and cancer later in life.

VOIDING DYSFUNCTION

Our pediatric urologists maintain the largest and most comprehensive Voiding Dysfunction Clinic in the country, specializing in evaluating the causes of this condition and providing targeted and effective management options. Leading the charge on the most effective applications of biofeedback as a treatment for voiding dysfunction, we train physicians nationally and internationally based on our experience and overwhelming successes.

We are proud to be leaders and pioneers in pediatric urologic surgical treatments for:

- Disorders of Sexual Differentiation (Ambiguous Genitalia or Intersexuality)
- Hematuria
- Hernia or Hydrocele
- Hydronephrosis
- Hypospadias
- Chordee
- Incontinence, Enuresis, and Voiding Dysfunction
- Kidney Stones
- Phimosis
- Undescended Testes
- Urinary Tract Infection (UTI)
- Varicocele
- Vesicoureteral Reflux (VUR or Reflux)
- Wilms' Tumor
- Hydronephrosis
- Multicystic Kidney Disease

Contact Urology
516.466.6953
Connect with CCMC
www.northshorelij.com/ccmcny/connect

Otolaryngology (ENT)

Compassionate
care +
sophisticated
technology = life
changing results

The Division of Pediatric Otolaryngology at Cohen Children’s Medical Center offers comprehensive medical and surgical treatment for your pediatric patients with conditions related to the ear, nose, throat, or head and neck. We provide expertise in caring for children with tracheostomy tubes and offer an array of surgical options for children with airway problems including airway reconstruction for children with complex airway stenosis. Our full service Hearing and Speech Center includes specialists from otolaryngology, audiology, speech and language pathology. Compassionate multidisciplinary care is combined with sophisticated technology to generate life-changing results.

Some of the pediatric ENT specialty services available to your patients include:

PEDIATRIC VOICE CARE

The expertise in diagnosis and treatment of pediatric voice disorders sets CCMC apart from other programs in the area. Voice disorders can be caused by a variety of factors and can be related to vocal nodules, polyps, cysts, granulomas, cancer, papilloma, vocal fold paralysis, vocal edema, muscle tension dysphonia or other changes to the vocal folds and how they move. We provide a wide range of general and specialized care.

COCHLEAR IMPLANTATION CENTER

Our Cochlear Implantation Center is celebrating 10 years of success treating

children with severe to profound hearing loss, making it possible for them to hear and understand speech. Surgeons, audiologists, speech pathologists, educators, social workers and consultants discuss each child's specific needs and formulate recommendations for implantation and post-operative support. Since a support system is critical to a successful implant, parents and teachers are considered to be part of our team and are involved throughout the process.

AIRWAY RECONSTRUCTION

Working in close coordination with pediatric pulmonology and gastroenterology, CCMC is a regional leader in performing pediatric airway reconstructions. We combine world-class surgeons, cutting-edge research, multidisciplinary care and a specialized support staff to provide the best care for children with complex airway stenosis.

**COMPREHENSIVE AIRWAY
RESPIRATORY AND ESOPHAGEAL
(CARE) TEAM**

CCMC has developed a one of a kind family-centered multidisciplinary program for treating patients with complex problems related to the airway and upper digestive systems. Our robust, collaborative program brings pediatric specialists from multiple specialties including gastroenterology, otolaryngology and pulmonology together to care for children and offer an array of surgical and medical treatment options.

We are proud to be leaders and pioneers in pediatric Otolaryngology surgical treatments for:

- Congenital Cysts
- Thyroglossal Duct Cysts
- Branchial Cleft Cysts
- Lymphatic Malformations
- Enlarged Lymph Nodes
- Thyroid Masses
- Parotid Masses
- Complex Cancers of the Head, Neck and Face
- Ear, Nasal and Sinus Infections
- Tonsil and Adenoid Disorders
- Sleep Apnea
- Airway Disorders
- Cochlear Implants
- Congenital Hearing Loss
- Laryngeal Papillomas
- Neck Masses
- Voice Disorders
- Swallowing Disorders

Contact Otolaryngology
516.470.7550
Connect with CCMC
www.northshorelij.com/ccmcny/connect

Neurosurgery

Ranked as one of the top Neurosurgery programs in the nation by US News & World Report 2011-12

EXPERTISE IN TREATING GROWING BODIES AND BRAINS

The Division of Pediatric Neurosurgery at Cohen Children's Medical Center of New York offers a broad range services to infants, children and adolescents up to age 21. Working in close collaboration with pediatricians and all pediatric specialists, we provide cutting-edge specialized treatment for all neurosurgical disorders in children. Our neurosurgeons are dual board-certified and fellowship-trained. They manage even the most complex issues with state-of-the-science technology to achieve the best possible outcomes.

Some of the pediatric neurosurgical expertise and specialty services available to your patients include:

PEDIATRIC BRAIN AND SPINAL CORD TUMOR PROGRAM

The Pediatric Brain and Spinal Cord Tumor Program at CCMC is one of the busiest surgical centers of its kind in the region. Due to the acute nature of these tumors in children, patients are always seen within 24 hours of diagnosis. Our multidisciplinary approach does not end with surgery. We have one of the largest and most experienced neurooncology teams around. Our multidisciplinary neurooncology tumor boards meet regularly to generate comprehensive patient care plans that take care of the whole patient and their family, physically as well as emotionally.

ADVANCED IMAGING PROCEDURES

CCMC is the only facility in the region utilizing the CereTom portable CT scanner. This advanced 8-slice small bore portable CT scanner delivers the highest quality non-contrast, angiography, and contrast perfusion scans in every conceivable patient location. The machine is used to scan the brains of critically ill children as they rest in their beds, avoiding the risk of transporting them to the hospital's radiology area.

CRANIOFACIAL SURGERY

In conjunction with craniofacial plastic surgeons, our neurosurgery team evaluates abnormal head shapes and is able to guide parents with appropriate recommendations for treatment. When surgery is needed, it is performed at CCMC with pediatric anesthesiologists in attendance. Meticulous care is given to achieve the safest, most effective correction for craniosynostosis.

THE EPILEPSY CENTER

The Epilepsy Center at Cohen Children's Medical Center provides cutting-edge technology, surgical expertise, and patient care for children diagnosed with epilepsy and seizure disorders. Our multidisciplinary evaluation for the surgical treatment of epilepsy helps families decide if surgery is an appropriate option. If surgery is the best course of action, surgeons utilize intraoperative mapping and

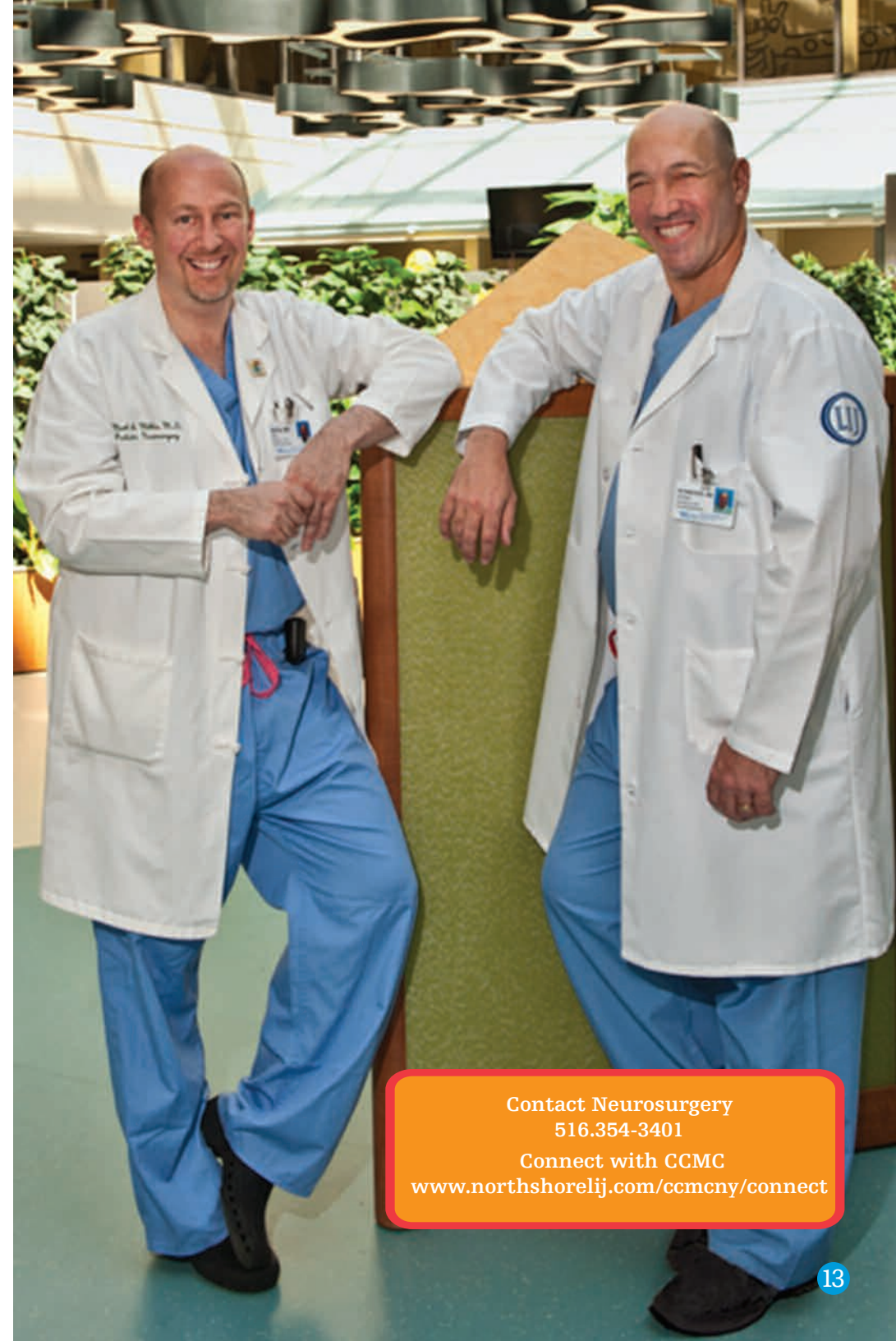
corticography to identify the seizure focus and implement appropriate treatments with great success.

HYDROCEPHALUS AND ARACHNOID CYSTS

Our neurosurgeons are experts in the treatment of hydrocephalus (excess fluid within the brain) as well as arachnoid cysts (fluid collecting in abnormal places within the brain). Often, these problems can be corrected using minimally invasive endoscopic techniques. While our surgeons care for many patients with ventricular shunts, it is often our goal to correct these problems without the use of shunts.

Other disease processes our surgeons commonly care for:

- Chiari Malformations and Syringomyelia
- Arteriovenous Malformations Head and Spine Trauma
- Brain and Spinal Cord Injury
- Spina Bifida, Tethered Spinal Cord and other Neural Tube Defects
- Skeletal Dysplasia
- Spasticity
- Spina Bifida



Contact Neurosurgery
516.354-3401

Connect with CCMC
www.northshorelij.com/ccmcny/connect

Cardiothoracic

Ranked as one of the top cardiothoracic programs in the nation by US News & World Report 2011-12

The Pediatric Cardiothoracic Surgery Division at Cohen Children's Medical Center is one of the highest volume pediatric heart surgery programs in New York State, and the only program on Long Island.

Our cardiothoracic surgeons conduct over 200 cardiac and thoracic operations every year, including repairs of some of the rarest heart disorders in tiny newborns. The surgical team has extensive experience with congenital and acquired heart disease in babies, children, and adolescents as well as congenital heart disease in adults. Both of the attending surgeons in the division have achieved the very special, recently inaugurated, board certification in congenital cardiac surgery. We care for and support patients throughout their lifetime; 15 % of patients are identified prenatally, 60-70% of patients enter our system and receive definitive repairs before they reach their first birthday. Many patients with complex diseases do, however, require multiple procedures, and they remain under our care well into adulthood.

Our professional and caring cardiothoracic staff collaborates closely with all other specialties within CCMC, most notably cardiology, intensive care, and neonatology. Our service provides extensive expertise across the whole spectrum of congenital cardiac disease.

To minimize the overall trauma to your patient, at every opportunity we always aim to:

- Provide complete or definitive repairs as early as possible and as the first operation whenever feasible
- Minimize trauma to the patient by using small incisions when possible
- Avoid circulatory arrest and instead use regional cerebral perfusion as often as possible
- Collaborate closely with our colleagues in child life throughout the patients' admission

Highly specialized physicians and nurses staff our ICU and an attending physician is on-site 24/7. This added level of vigilance ensures that in the critical hours and days following heart surgery your patients are being monitored at every moment while receiving the highest level of care. Our intensive care unit has been heavily renovated recently and provides a setting that is both hi-tech and comfortable for recovering patients and their families.

The Adult Congenital Heart Program at CCMC is one of only two in New York State, and was founded upon recognition that there are now more adults with congenital heart disease than there are children with congenital heart disease, and that there are few teams of physicians who are

experienced with such adult patients. Our team of board-certified pediatric and adult cardiologists, cardiothoracic surgeons, and intensive care experts specifically trained in congenital heart disease is uniquely qualified to treat this growing population. We offer outpatient consultations at CCMC and at the Center for Comprehensive Cardiac Care.

We are proud to offer expert treatment for the whole spectrum of cardiac disease, including:

- Ventricular Septal Defect
- Tetralogy of Fallot
- Atrial Septal Defect (including minimally invasive surgical approaches)
- Patent Ductus Arteriosus
- Transposition of the Great Arteries
- Total Anomalous Venous Connection
- Hypoplastic Left Heart Syndrome
- Double Outlet Right Ventricle
- Tricuspid Atresia
- Vascular Ring
- Valve Repairs
- Surgery for Adult Congenital Heart Disease

Contact Cardiothoracic Surgery
516.470.3580

Connect with CCMC
www.northshorelij.com/ccmcny/connect

Plastic / Maxillofacial / Oral Surgery

Reconstructing smiles.
Sharing in the guardianship of self-esteem.

When a child's face or appearance is notably different from other children, there are many concerns about the physical and psychological challenges they will have to face. The pediatric plastic, maxillofacial and oral surgeons at CCMC are innovative, creative and have advanced training and expertise in plastic and reconstructive surgical techniques. In addition, all possess the specialized skills necessary to manage both the physical and emotional needs of your patients, doing so with the utmost precision, passion, and compassion.

Our procedures are all conducted in close cooperation with you and are fully integrated with all other surgical specialties within the hospital. We provide comprehensive care exclusively for infants, children and adolescents and have expertise dealing with the sensitive issues that surround appearance and self-esteem that could affect them throughout their lives. Our relationships with children and their families endure for years, and our involvement in the care of some children lasts from birth until they are in their late teens. At this age, all decisions are group decisions and we fully embrace the family dynamic in all that we do.

Some of the pediatric surgical expertise and specialty services available to your patients include:

THE HAGEDORN CLEFT PALATE AND CRANIOFACIAL CENTER
Founded in 1962, this multidisciplinary clinic includes a team of professionals consisting of plastic surgeons, oral surgeons, orthodontists, neuropsychologists, dentists, ENT surgeons, geneticists, speech and hearing therapists, psychologists and a nurse coordinator. We provide comprehensive physical and emotional care for children and families with facial clefts or other craniofacial disorders or malformations. All children regardless of age or financial status are welcome at the Hagedorn Cleft Palate and Craniofacial Center.

PEDIATRIC PLASTIC AND RECONSTRUCTIVE SURGERY
Our teams of skilled surgeons have advanced training in reconstructive procedures to improve the function and appearance of children with congenital and acquired deformities. With expertise in craniofacial surgery and microsurgery, we treat the full spectrum of pediatric reconstructive and cosmetic conditions. Children referred to us for care benefit from access to the complete resources of a major children's hospital as well as the benefits from our expertise in every specialty.

We are proud to be leaders and pioneers in pediatric plastic and reconstructive surgical treatments for:

- Pediatric Cleft Palate
- Pediatric Cleft Lip
- Head and Skull
- Ear Malformations
- Cheek and Jaw Asymmetry
- Anatomic Swallowing Problems

Contact Plastic & Reconstructive Surgery
516.233.3600

Contact Oral Maxillofacial Surgery
516.470.3113

Contact the Hagedorn Cleft Palate and Craniofacial Center
516.466-2990

Connect with CCMC
www.northshorelij.com/ccmcny/connect

Pediatric and Adolescent Gynecology

Gentle,
Sensitive,
Specialized
Pediatric Care



CCMC is home to one of the only surgical pediatric gynecologic specialists in the region. With an emphasis on both common anatomic variations and complex müllerian and congenital anomalies of the reproductive organs, we are specifically trained to evaluate and treat both common and complex conditions using state-of-the-art technology to address all gynecologic problems in children. Evaluation and assessment technique and therapeutic management are based on a comprehensive understanding of embryology, hormonal physiology, prepubertal anatomy, and an educated vision of how prepubertal pathology will impact future sexual and reproductive functioning. Minimally invasive techniques for diagnostic and surgical procedures include, vaginoscopy, colposcopy, hysteroscopy, and laparoscopy. Multidisciplinary pediatric pelvic reconstructive surgical collaboration is emphasized. Our goal is to provide compassionate, comprehensive, quality health care to young female patients throughout the region and beyond.

Pediatric gynecologic surgical expertise and specialty services available to your patients include:

- Ovarian Disorders**
- Ovarian Cysts
 - Ovarian Tumors
 - Ovarian Cancer
 - Ovarian Torsion
 - Endometriosis

Vulvovaginal Disorders

- Genital Trauma
- Labial Abnormalities
- Hymenal Variations/Imperforate Hymen

Disorders of Sex Development Program

- Ambiguous Genitalia
- Vaginal Agenesis
- Congenital Adrenal Hyperplasia
- Gonadal Dysgenesis
- Androgen Insensitivity
- Mullerian Anomalies
- Cloacal Malformations

Vaginal Agenesis Program

- Intermittent Self Dilation Program
- Vecchietti Procedure
- Graft Vaginoplasty
- Vaginal Agenesis Support Groups

Mullerian anomalies

- Mullerian Agenesis
- Obstructed Mullerian Anomalies
- Vaginal Septums

We are proud to be leaders and pioneers in pediatric gynecologic surgery.

Contact Pediatric and Adolescent Gynecology
516.390.9258

Connect with CCMC
www.northshorelij.com/ccmcny/connect

Ophthalmologic Surgery

Your team for
vision
correction
and a window
to diagnosis



The Pediatric Ophthalmology Division at the Cohen Children's Medical Center of New York provides your young patients with a wide range of clinical services from general eye examinations to the diagnosis and surgical treatment of complex eye diseases. One of the most important functions of the department is our work with other pediatric specialties, including neurology, cardiology, genetics, hematology and oncology, ENT and infectious disease to screen, diagnosis and treat other disease entities that have ocular manifestations and complications.

Some of the pediatric surgical expertise and specialty services available to your patients include:

RETINOPATHY OF PREMATURITY (ROP)

The Pediatric Ophthalmology Division examines all premature infants at risk for ROP. Most types are mild and resolve spontaneously. However, some types are severe and can lead to blindness if not treated. Our specialized retina surgeons utilize cutting-edge laser treatments to prevent vision loss, dramatically transforming the lives of children every day.

STRABISMUS

With extensive experience and expertise treating various types of strabismic conditions using both surgical and non-surgical treatment options, rest assured that when you make a referral to CCMC, your patients are being seen by of the best in New York.

TEAR DUCT OBSTRUCTIONS

When conservative treatment protocols are ineffective, our ophthalmologic surgeons perform a delicate surgical procedure to relieve tear duct obstructions. There are no incisions or scarring from this operation. There is no significant post-operative discomfort and your patient will be home the same day.

We are proud to be leaders and pioneers in pediatric ophthalmologic surgical treatments for:

- Amblyopia
- Strabismus
- Retinopathy of Prematurity (ROP)
- Disorders of the Tear Drainage System
- Ptosis
- Tumors of the Eye and Orbit
- Optic Nerve Disorders
- Cataracts
- Glaucoma

Contact Ophthalmology
516.470.2020

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