New Study from OIC May Lead to Reduced Use of Opioids by Adolescents

A new study may help reduce opioid abuse among adolescent patients following anterior cruciate ligament reconstruction (ACLR) surgery.

The study’s findings were presented at the Pediatric Orthopaedic Society of North America’s annual meeting in May 2018 in Austin, Texas. Presenting were Jennifer Beck, M.D., Kelly Cline, M.D., Sophia Sangiorgio, Ph.D., Rebecka Serpa, Kendall Shiflett, B.S., and Richard Bowen, M.D.

“As an increasing number of children participate in organized sports, there has been a parallel rise in the number of ACLR surgeries,” said Dr. Beck, associate director of OIC’s Center for Sports Medicine. “Injured and postoperative adolescent athletes often require pain medications stronger than over-the-counter products, and that has led to the nearly doubled rate of opioid prescribing to adolescents between 1994 and 2007. The problem is most postoperative opioid tablets often go unused, remain openly available, and are improperly disposed.”

The OIC study focused on quantifying the number of opioid pills self-administered by patients following outpatient ACLR surgery and looked for potential opportunities to reduce their use and reliance. The result was the first prospective study to report a difference in the number of pills consumed based on autograft type – tissues transplanted from one part of the body to another in the same individual.

Of the 49 patients studied over a six-week period, there was a significant difference in the median number of pills taken postoperatively for a hamstring autograft (19) versus bone-patella tendon-bone autograft (29), while no correlation was found between pain reported and total number of pills taken. In fact, 95.7 percent of patients who responded to the satisfaction survey were either “very satisfied” or “satisfied” with their pain control in the postoperative period.

“These findings suggest that perhaps the number of pills prescribed following ACLR surgery could safely be modified by autograft type to avoid the risk of over prescription,” said Dr. Bowen, director of the Center for Sports Medicine at OIC. “The data in the study can help contribute to education for patients and families regarding postoperative pain management and expectations, standardization of opioid protocols after outpatient adolescent ACLR, and potentially help set a numeric value on acceptable prescription size after these surgeries.”

OIC’s Center for Sports Medicine is a state-of-the-art facility staffed by a multidisciplinary team, including sports medicine physicians, pediatric orthopaedic surgeons, nurse practitioners, medical assistants, athletic trainers and physical therapists, all focused on helping young athletes return to their sports activities as quickly and safely as possible. The center currently treats nearly 300 children each month – an 18 percent increase in cases over the prior year.
Construction Underway on OIC’s New Medical Pavilion

As the largest pediatric orthopaedic provider in the western United States, construction began in November on the new Medical Pavilion at OIC’s downtown LA campus.

The new pavilion involves a major reconstruction and reimagining of the OIC 1959 Lowman Building to transform it into a world-class pediatric facility. In addition to housing the nation’s largest urgent care center and largest fracture clinic, the new pavilion will include a new physical therapy center, a state-of-the-art imaging center, a lecture hall, three new classrooms, and a virtual-reality surgical training lab. The full project is expected to be completed in winter 2019.

“The entire new Medical Pavilion is designed with the goal of enhancing quality outcomes and enriching the patient experience for both children and their parents,” said Anthony Scaduto, M.D., CEO of OIC. “It is all part of our mission and our belief that all children, regardless of their type of insurance, should have the opportunity to achieve their best—to grow well and play well.”

The new urgent care center will have 14 private exam rooms, 2 triage rooms and 2 procedure rooms exclusively used for musculoskeletal injuries and run by a staff specially trained in accurate triage of trauma injuries. The radiology center, co-located with the urgent care center, will feature the newest and most advanced equipment in downtown Los Angeles with three state-of-the-art diagnostic X-ray machines offering unparalleled comfort for patients and the highest-quality images for providers. The functional and efficient pediatric fracture clinic will have 14 exam rooms and a staff as adept at monitoring healing injuries as they are at diagnosing trauma. Additionally, the physical therapy center has been expressly designed for a child’s comfort, even having private rooms for highly sensitive kids.

“The Lowman Building was state-of-the-art when it opened nearly 60 years ago and was instrumental in OIC’s growth to national prominence. But advances in technology and research relieves most patients of the need to stay in the hospital after surgeries or procedures,” said Dr. Scaduto. “Our new Medical Pavilion is designed to ensure that OIC’s surgeons, doctors, scientists and nurse practitioners have the best facilities and equipment to care for the increasing number of children who come through our doors each year.”

By the numbers

- 7500 sq. ft. The new Urgent Care Center will be 50% larger than our current Center.
- 4100 sq. ft. Dedicated space for a new Fracture Clinic.
- 18 Urgent Care treatment rooms will increase from 9 to 18, keeping pace with demand.
Examples of Recently Published OIC Research


Research from the JVL Research Center Presented at National Conference

Patients with a wide range of illnesses and injuries—from bone cancer to spinal injuries to clubfoot—have new hope thanks to a number of research projects underway at Orthopaedic Institute for Children. Four such projects were presented to professional colleagues at the 2018 annual joint meeting of the Orthopaedic Research Society and the American Academy of Orthopaedic Surgeons (ORS/AAOS).

The findings presented were the result of work taking place at the J. Vernon Luck, Sr., M.D., Research Center located on the OIC downtown Los Angeles campus. At the Research Center, biomechanical engineers, scientists and clinicians collaborate regularly on projects that can have an immediate impact on the quality of patient care. By evaluating the efficacy of current orthopaedic implants and the associated surgical techniques, we’ve developed several models that allow us to simulate surgical procedures and test various corrective maneuvers in the laboratory pre-operatively.”

At the ORS/AAOS meeting in New Orleans, researchers from the JVL Research Center shared research findings related to: the safety of a noninvasive method, commonly known as the Ponseti method, for clubfoot correction; new ways to improve implants used to replace the knee joints of patients who lose their own knee due to bone cancer; lab tests of a new 3D-printed biodegradable implant for spine injuries in the neck, which promise improved spinal fusion surgeries; and results of testing a new plate for the treatment of a specific foot injury (Lisfranc) that may reduce the risk of damaging cartilage in the joint.
Breakthrough Study at OIC Reveals That Education Can Reduce Prosthetic Joint Infections in Hemophilia Patients

For more than half a century OIC’s Hemophilia Treatment Center has been at the leading edge of treatment to help patients suffering from hemophilia and bleeding disorders live healthier, happier and pain-free lives. Continuing in that tradition, a breakthrough study conducted by the Center’s physicians and staff in 2018 has revealed that better patient education can significantly reduce the chance of prosthetic joint infection in patients with hemophilia. The findings were presented at the World Federation of Hemophilia’s annual meeting in Glasgow last May.

Hemophilia can be a crippling disease with a range of issues causing discomfort and problems for patients, including bleeding in joints or limbs and deformities caused by chronic arthritis. This arthritis begins in childhood and often requires joint replacement by early adulthood to middle age. Historically, joint replacement infection is much more common in patients with hemophilia than in other forms of arthritis. Many in the medical and scientific communities have believed that this is the result of immune suppression in those with HIV infection. The physicians and researchers at OIC weren’t so sure.

“Based on our experience and observations, we postulated that the primary risk factor was tied to frequent intravenous (IV) self-infusion,” said James Luck, M.D., director of surgery and rehabilitation of OIC’s Hemophilia Treatment Center and professor-in-residence at the UCLA/Orthopaedic Institute for Children department of orthopaedic surgery. “We wanted to find out the true cause of this and what could be done to mitigate the occurrence of these infections, which usually require removal of the implant, treatment of the infection, and then reinsertion of the implant. If the infection recurs, it will require more procedures and occasionally even amputation.”

Toward that end, in 2005 OIC’s Hemophilia Treatment Center began a comprehensive program of patient education in the proper use of IV self-infusion for all of its patients who had prosthetic joints. In the subsequent six years, the center performed 49 primary joint replacements in 32 patients with hemophilia. The results of proper IV self-infusion education for these patients were startling.

“Incidents of infection dropped from 17 percent to zero percent for these patients, meaning that there have been no primary infections over this timeframe,” said Dr. Luck. “While immune suppression might still be an aggravating factor, it is clear from our study that the primary source of late infection in patients with hemophilia is frequent IV self-infusion being poorly administered. Through protocol-driven patient education in sterile techniques for IV self-infusion, the incidents of prosthetic joint infection can be significantly impacted.”

OIC’s Hemophilia Treatment Center provides a comprehensive, multidisciplinary team approach to the management of children and adults with bleeding disorders. As a result, the center was designated an International Hemophilia Training Center in 1970 – one of the first four in the world — by the World Federation of Hemophilia. The center’s physicians are at the forefront of their field and are actively involved in hemophilia-based research and treatment.
OIC Hosts Cerebral Palsy Family Forum

A one-day educational program for patients with cerebral palsy and their families and caretakers was recently presented at the UCLA/Orthopaedic Institute for Children’s Center for Cerebral Palsy in Los Angeles. The unique gathering was designed to encourage an exchange of ideas between professionals and families afflicted with cerebral palsy, the most common childhood disability in the United States affecting more than 760,000 children and adults nationally.

At the forum, attendees heard about recent advances in cerebral palsy research as well as treatment available. Speakers also discussed the center’s work with institutions across the country to improve the quality of healthcare provided to women with cerebral palsy. Presenters included UCLA/OIC Center for Cerebral Palsy Director William Oppenheim, M.D., and Associate Director Rachel Thompson, M.D.

“Patients, parents and other stakeholders all participated in the program which included a presentation on how socially successful children interact with their peers and how parents can help their children with cerebral palsy succeed at school,” said Dr. Thompson. “Attendees also saw a demonstration of the center’s innovative project with Microsoft that makes computer gaming accessible to children and adults afflicted with the disability.”

The UCLA/OIC Center for Cerebral Palsy is the only interdisciplinary clinic in Southern California that evaluates and treats people with cerebral palsy throughout their lifespan. The center includes a comprehensive outpatient clinic and the Kameron Gait and Motion Analysis Laboratory (providing an in-depth understanding of a patient’s movement patterns). The center is also heavily involved in research in the field of cerebral palsy and in educating both consumers and professionals as to the most up-to-date assessment and treatment approaches for people with cerebral palsy.
Second Annual Sports Medicine Conference Hosted by OIC

With an increasing number of children participating in sporting activities year-round, awareness of how to prevent and care for injuries in young athletes is more important than ever. With that in mind, OIC hosted a special Sports Medicine Conference at UCLA Medical Center in Santa Monica in April. The conference was specially designed to provide certified athletic trainers with the knowledge needed to properly identify unique pathologies in youth athletes, and participants left with an increased understanding of the various treatment methods for pediatric sports injuries.

Conducted by OIC/UCLA faculty comprised of physicians and other healthcare professionals dedicated to sports injuries, topics covered at the conference included updated treatment techniques for concussions, hip pathologies, ACL grafts, training-related injuries, back pain in athletes, sports nutrition and injury recovery. Breakout sessions focused on shoulder dysfunction, kinesiology taping and core strengthening beyond sit-ups and planks.
Harry McKellop, Ph.D., one of the most prolific researchers in the field of orthopaedic biomechanics was named the 2018 recipient of OIC’s Lifetime Achievement Award and presented the honor at the Stand for Kids Gala.

Dr. McKellop currently serves as professor emeritus at the OIC/UCLA Department of Orthopaedic Surgery and is the former director of OIC’s J. Vernon Luck, Sr., Orthopaedic Research Center. His research through the years has covered many aspects of orthopaedic implants for joint replacement and fracture stabilization, including the development and testing of new materials, implant designs, surgical instrumentation and techniques and the evaluation of their clinical performance. In addition to numerous publications and multiple prestigious awards, his prolific work has resulted in 12 patents on novel methods to reduce polyethylene wear in orthopaedic implants.

“As a teacher and mentor, Dr. McKellop has touched the lives of countless orthopaedic fellows, residents and volunteer student workers who spent time in his labs over the past three decades,” said Edward Ebramzadeh, Ph.D., the current director of JVL Orthopaedic Research Center. “Many of these Ph.D. candidates have moved on to become noteworthy clinicians and bioengineers in their own right, and we are thrilled to have the opportunity to honor him at our gala for the many contributions he has made to the field and to his profession.”
OIC Helped Students Safely Train for the L.A. Marathon

OIC partnered with Students Run Los Angeles (SRLA) to help middle and high school students safely train for the 2018 L.A. Marathon.

In its role as SRLA’s exclusive healthcare partner, OIC’s Center for Sports Medicine provided injury prevention training sessions for coaches and educational materials for runners in addition to conducting a pilot study on the most common training injuries students sustain over the course of their marathon training program.

Each week OIC received data from SRLA describing the injuries that occurred during that week’s training at 85 local schools. The team at OIC then analyzed that data to identify trends and make recommendations that can help with future injury prevention. Because training begins many months before the marathon, every month students participated in community races throughout the greater Los Angeles area, so OIC was continually gathering data as students worked to improve their running form, build their core muscles, and achieve their goal of running in the marathon. In addition to sharing findings and recommendations with coaches, preliminary findings were presented at the annual meeting of the Pediatric Research in Sports Medicine conference in Florida.

Students Run L.A. is a nonprofit organization that challenges approximately 3,000 at-risk students to experience the benefits of goal setting, character development, adult mentoring and improved health by participating in the LA Marathon. For many of the students, training for a marathon represents the first time they have committed to a specific long-term goal. By providing them an opportunity for incremental accomplishment and a supportive environment to help them on their way, SRLA gives the students the inspiration, excitement and encouragement to accomplish their goals.
Dr. Joshua Goldman and Dodger Youth Baseball camp kids, after a presentation on sports injury prevention.

OIC Partners with L.A. Dodgers to Provide Concussion Awareness Training

Once again in 2018, OIC shared its knowledge regarding injury avoidance and awareness at two youth baseball camps at Dodger Stadium. At the camps, OIC providers spoke with the young athletes about the warning signs of injuries, how to minimize the risk, and what to do should an injury occur.

“Injuries in young athletes are on the rise, especially here in Southern California where the weather makes it possible to play year-round, so overuse of a certain muscle group is not uncommon,” said Dr. Joshua Goldman, M.D., associate professor, associate director of the Center for Sports Medicine at OIC. “We want children to have fun, but it is also important to be aware of common baseball injuries and to be smart should an injury occur.”

Of particular concern is the rise in sports-related concussions which was a focus of education and discussion with camp attendees. Since most concussions happen without being actually knocked out, Dr. Beck stressed the importance for athletes, coaches and parents to know the warning signs, which include headache, dizziness, nausea, fatigue, changes in vision, and numbness or tingling in the arms or legs. She said that when any of these symptoms occur, the athlete should immediately be pulled from play, carefully assessed, and then seek medical evaluation before returning to the field.

“Our annual participation at the Dodgers Youth Baseball Camp is just one chapter in a wonderful history of partnerships and cooperation between the OIC and the Dodgers,” said OIC CEO Anthony Scaduto, M.D. In 2016 the Los Angeles Dodgers Foundation awarded a grant to OIC to support the opening of Los Angeles’ first Ambulatory Surgery Center designed and built exclusively to provide orthopaedic outpatient surgical care to children.
NIKE Partners with OIC/UCLA
First Community Impact Grant in Los Angeles

In January 2018, Nike awarded Orthopaedic Institute for Children a grant from the Nike Community Impact Fund (NCIF).

Recognizing the significance to children of OIC’s ongoing community benefits program Playdates, the grant increased access to inclusive play for underprivileged and physically challenged children residing in Los Angeles.

In alignment with OIC’s mission to help children and communities flourish through orthopaedic care, research, and education, Nike and the NCIF are “dedicated to improving the health and vitality of our kids and communities – particularly ones where there are barriers to activity,” said Kathy Webb, Community Impact Manager for NIKE, Inc. Playdates largely serve OIC patients and residents of the surrounding urban core neighborhoods.

Taking place monthly on the universally accessible playground located on OIC’s downtown campus, OIC Playdates afford children of diverse physical abilities the opportunity to enjoy physical activity through monthly, structured, peer-mentored play. Funding aided in expanding the program to additional children and youth.

In addition to the grant funding, employees of the East Los Angeles Nike Community Store volunteered at all 2018 Playdates, serving as role models, aiding and encouraging OIC’s young participants in developing their physical agility and coordination, and making each Playdate extra special for our young participants.
The Ambulatory Surgery Center at OIC was honored by the Southern California Development Forum with its prestigious 2018 Healthcare Design Award. The award recognizes the contributions and commitment to the business environment and the communities of Southern California while celebrating projects that demonstrate innovation and a commitment to excellence.

Designed by Los Angeles-based RBB Architects and opened in 2016, the Ambulatory Surgery Center at OIC was the first center in Los Angeles designed and built exclusively to provide orthopaedic outpatient surgical care to children. Staffed by physicians and other professionals specially trained to address the distinct needs of children, the Ambulatory Surgery Center is fully accredited by the Accreditation Association for Ambulatory Health Care. The 13,000-square-foot center houses two expansive operating rooms and six pre- and post-surgical suites all in a brightly lit, child-friendly environment. Since its opening, hundreds of children are now able to have more timely surgeries; and wait times have shrunk so much that more than 50,000 patient wait days have been saved.

“Being recognized with this Healthcare Design Award is a great tribute to the dedicated work of both the OIC staff and our architects, all with the common goal of providing a state-of-the-art center for our patients,” said OIC Medical Director Mauricio Silva, M.D. who served as project lead. “Children deserve the best possible care we can provide and doing so was the very impetus for building this state-of-the-art center.”
OIC’s International Children’s Program Continues Extraordinary Work for Children in Need

Among the many unique initiatives OIC is known for is its International Children’s Program (ICP) which provides free, high-quality care to children from Mexico and other countries who have orthopaedic conditions. Through this charitable care program, more than 150,000 children have been treated over the years free of charge by board-certified physicians and surgeons from OIC.

As part of this program, once again in 2018 OIC physicians conducted 11 one-day clinics at the Valley Orthopaedic Clinic in Calexico and the Hospital General de Mexicali in Baja, California.

“It is an honor and a privilege to be part of this program and to positively impact the lives of so many children,” said Rachel Thompson, M.D., associate director of the UCLA/OIC Center of Cerebral Palsy upon returning from her participation in the February clinic in Calexico. “All of us at OIC believe that every child should have the chance to grow well and play well, and these clinics allow us to bring that belief to many children who might not otherwise have access to the knowledge and resources that we can provide.”

Among the children seen through this program are those with cerebral palsy, scoliosis, congenital hip disorders, hand disorders, missing or deformed bones, and club foot. For those children who need additional consultation with a physician beyond the Calexico or Mexicali clinics, that consultation is provided at OIC’s downtown Los Angeles campus. Children in need of surgical care receive it at UCLA Medical Center in Santa Monica where OIC physicians provide the pediatric orthopaedic care for UCLA Health.

The clinics and all related services are provided free of charge and covers 100 percent of a child’s care – including physician consultations, X-rays, lab tests, CT and MRI scans, surgeries, hospital stay, travel, food, and lodging.

OIC will be conducting multiple clinics in 2019 so even more children in need can benefit from the talents and care that OIC physicians and staff provide.
William Oppenheim, M.D., director of OIC’s Cerebral Palsy Program was honored in November as the 2018 recipient of the Distinguished Service Award of the Section of Orthopaedic Surgery of the American Academy of Pediatrics. The award recognizes an individual in the field of pediatric orthopaedics who has contributed to the Academy’s mission of excellence in patient care, research and teaching.

“Dr. Oppenheim has been a longtime leader in the field of cerebral palsy and is respected worldwide for his dedication to research, education and treatment of this disease,” said Francis J. Hornicek, MD Ph D., chair of the department of orthopaedic surgery at UCLA. “This award is the culmination of more than 40 years of outstanding service to his profession, and we are so proud to have him as a critical and respected member of the OIC family and our local medical community.”

A former recipient of the Lifetime Achievement Award from the American Academy for Cerebral Palsy, Dr. Oppenheim currently serves as the Jones Kanaar Professor of Cerebral Palsy at the UCLA/Orthopaedic Hospital Department of Orthopaedic Surgery and Emeritus Chief of Pediatric Orthopaedics at the David Geffen School of Medicine at UCLA. He is a past president of both the American Academy for Cerebral Palsy and Developmental Medicine as well as the Los Angeles Chapter of the Western Orthopaedic Association. Additionally, he has served on the boards of directors of the pediatric orthopaedic sections of both the American Academy of Pediatrics and the American Academy for Orthopaedic Surgery.
Herbert H. Stark, M.D. Memorial Lecture at OIC
Focus on Hand Care

In January 2018, OIC joined the Orthopaedic Institute for Children’s Foundation to host the 27th annual Herbert H. Stark, M.D. Memorial Lecture, focused on anatomic principles in the modern care of disease and injury to the hand.

The lecture was specifically designed for orthopaedic, plastic, hand and general surgeons as well as hand therapists and other healthcare providers interested in problems of the upper extremity.

Featured guest lecturer was Donald Bae, M.D., assistant professor in the department of orthopaedic surgery at Boston Children’s Hospital and associate professor in orthopaedic surgery at Harvard Medical School. Dr. Bae’s clinical research has included congenital and post-traumatic upper limb reconstruction, sports-related conditions of the upper limb in adolescents, and brachial plexus birth palsy.

The lectures are named in honor of Herbert H. Stark, M.D., who was an active member of the teaching faculty in the Orthopaedic Department at the University of Southern California (USC) and chairman of the Orthopaedic Residency Program at Martin Luther King, Jr./Drew School of Medicine and Science in Los Angeles.

An internationally known orthopaedic hand and upper extremity surgeon, Dr. Stark devoted his professional life to the development and education of physicians interested in the surgery of the hand.

Featured guest lecturer was Donald Bae, M.D. with OIC’s William L. Oppenheim, M.D., Rachel Thompson, M.D., Jennifer Beck, M.D., Anthony Scaduto, M.D., Richard Bowen, M.D., and Mauricio Silva, M.D.
OIC Physicians Present at Renowned Brennemann Lectures

Three OIC medical staff members comprised the faculty for an afternoon of important clinical lectures that kicked off the 75th annual Brennemann Lectures program on September 21 in Anaheim. The sessions were part of a three-day educational event sponsored by the Los Angeles Pediatric Society.

Jennifer Beck, M.D., associate director of the Center for Sports Medicine at OIC, delivered a talk on “It’s Not Just a Knee Sprain;” Rachel Thompson, M.D., associate director of the Center for Cerebral Palsy at UCLA/OIC, discussed “Developmental Dysplasia of the Hip” and OIC CEO Anthony Scaduto, M.D. presented a lecture on “Back Pain in Young Athletes.” OIC Chief Operating Officer Debra Mathias was also on hand to introduce each of the speakers.

Physician Network Development Manager Debbie Lough coordinated the program and speakers, as well as displayed a table with information about OIC. OIC also sponsored the Friday conference and the CME credits.

The Brennemann Lectures are one of the oldest pediatric CME meetings on the west coast and consistently present relevant information in an environment that promotes communication between faculty and attendees. Over the years the lectures have involved countless renowned medical doctors, prominent political leaders and noted entertainment figures.
Meet Our Docs

ANTHONY A. SCADUTO, M.D.
Charles LeRoy Lowman Professor
Executive Vice Chair & Chief of Pediatric Orthopaedic Surgery, UCLA
President & CEO, Orthopaedic Institute for Children
Scoliosis & Limb Deficiency

RACHEL M. THOMPSON, M.D.
Assistant Professor
Department of Orthopaedic Surgery
Associate Director, Center for Cerebral Palsy
Cerebral Palsy

LEWIS E. ZIONTS, M.D.
Clinical Professor
Clubfoot

NEIL JONES, M.D.
Plastic Surgery & Hand Surgery

DORIS V. QUON, M.D.
Medical Director,
Orthopaedic Hemophilia Treatment Center
Hemophilia

WILLIAM L. OPPENHEIM, M.D.
Professor-in-Residence
Director, Cerebral Palsy Program
Emeritus Chief of Pediatric Orthopaedics
Margaret Holden Jones Kaanar Professor, Cerebral Palsy
Cerebral Palsy

JENNIFER J. BECK, M.D.
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MAURICIO SILVA, M.D.
Clinical Professor
Medical Director, Orthopaedic Institute for Children
Trauma & Hemophilia

RICHARD E. BOWEN, M.D.,
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Scoliosis & Sports Medicine

JAMES V. LUCK, JR., M.D.
Professor-in-Residence
Director, Surgical Services and Rehabilitation, Orthopaedic Hemophilia Treatment Center
Joint Reconstruction

NICHOLAS M. BERNTHAL, M.D.
Assistant Professor-in-Residence,
Orthopaedic Surgery
Musculoskeletal Oncology

Mauricio Silva, M.D.
Clinical Professor
Medical Director, Orthopaedic Institute for Children
Trauma & Hemophilia

LEWIS E. ZIONTS, M.D.
Clinical Professor
Clubfoot

JOSHUA GOLDMAN, M.D., M.B.A.
Assistant Professor
Associate Director, Non-Operative Sports Medicine
Sports Medicine

ANTHONY A. SCADUTO, M.D.
Charles LeRoy Lowman Professor
Executive Vice Chair & Chief of Pediatric Orthopaedic Surgery, UCLA
President & CEO, Orthopaedic Institute for Children
Scoliosis & Limb Deficiency

JOSHUA GOLDMAN, M.D., M.B.A.
Assistant Professor
Associate Director, Non-Operative Sports Medicine
Sports Medicine

BLAIR FILLER, M.D.
Hand & Upper Extremities
Running Injuries

WILLIAM L. OPPENHEIM, M.D.
Professor-in-Residence
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Cerebral Palsy

KATHERINE AU, M.D.
Plastic Surgery & Hand Surgery

JUSTIN BARAD, M.D.
Pediatric Orthopaedic Surgery
Urgent Care Medicine

CALVIN DUFFAUT, M.D.
Sports Medicine
Family Medicine

NEIL JONES, M.D.
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