



# Columbia Surgery PEDIATRICS NEWSLETTER



## Message from the Chairman

Spring 2017

Dear Colleague,

This month we celebrate the 60th anniversary of Open Heart Surgery at NewYork-Presbyterian Columbia University Irving Medical Center, which began with breakthroughs in the treatment of congenital heart disease, then expanded with major advances in valve surgery, heart transplantation, mechanical circulatory assist devices, and bypass surgery.

In *Seminars in Thoracic Surgery* (Elsevier) Dr. Michael Argenziano describes a century of innovation in cardiothoracic surgery, noting our advances in clinical care, multidisciplinary collaboration and physician education, along with our achievements in pediatric cardiac surgery. Read more below.

Our January patient awareness day on Omphalocele was a notable success. We will keep you posted on future events for your patients in this newsletter.

In our current issue you'll learn about the new Level 1 designation of our Pediatric Trauma Center, advances in treating pulmonary arterial hypertension (PAH) in children, and our exciting new research into an innovative heart valve that can grow with the patient, preventing the need for reoperation, and changing the lives of children and young adults with congenital heart disease.

I hope you take advantage of the many useful CME videos from our online Pediatric Grand Rounds, available here:

<https://collectedmed.com/index.php/cme>

Best regards,

Craig R. Smith, MD, FACS

Chair, Department of Surgery

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## **Highest Recognition for Pediatric Trauma Center**

In February 2017, NewYork-Presbyterian/Morgan Stanley Children's Hospital was verified as a Level 1 Pediatric Trauma Center by the American College of Surgeons. "This honor sets our program apart from others in the region," says Steven Stylianos, MD, Director of the Trauma Center and chief of Pediatric Surgery.

MSCH is the first and only hospital in Manhattan to receive this distinction.

Read more here: <http://columbiasurgery.org/news/2017/03/02/highest-recognition-pediatric-trauma-center>

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## **The Heart-Growth Project: An Innovative Approach to Congenital Heart Disease**

David Kalfa, MD, PhD, has received a grant from the CHD Coalition to create and test a new type of heart valve that can grow and conform to the patient's anatomy over time. Such a device would benefit neonates, children and young adults with congenital heart disease, reducing the need for multiple surgeries and greatly improving their quality of life.

Read more here: <http://columbiasurgery.org/news/2017/03/08/heart-growth-project-innovative-approach-congenital-heart-disease>

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## **Treating Children with PAH**

The Pediatric Pulmonary Hypertension Comprehensive Care Center at NYP/Columbia is making great strides in the treatment of children with this relatively rare diagnosis. In 2014, the hospital received accreditation as a Center

of Comprehensive Care by the Pulmonary Hypertension Association. Established over 25 years ago, Columbia's program continues to be one of the largest in the world, drawing patients from across the United States and from other countries.

Our experts treat patients with idiopathic (primary) pulmonary hypertension and pulmonary hypertension associated with a variety of conditions, including congenital heart disease, genetic (familial) conditions, scleroderma, lupus, clotting disorders, pulmonary hypertension in newborns, chronic lung disease, HIV, sickle cell disease, and toxins.

Read more here: <http://columbiasurgery.org/news/2017/03/02/advances-treating-children-pah>

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## **A Century of Innovation in Cardiothoracic Surgery at Columbia**

The Columbia Cardiothoracic Surgery Program dates back to the earliest days of the specialty and embraces advances in pediatric cardiac surgery, heart transplantation and heart replacement, a new era of valve repair, minimally invasive surgery, and catheter-based interventions. Our latest advances include a new paradigm of multispecialty collaboration and the transformation of the surgical training model.

Read more here:

<http://www.sciencedirect.com/science/article/pii/S1043067916301514>

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## **Research Papers and Presentations**

Pediatrics: <http://columbiasurgery.org/healthcare-professionals/pediatric-surgery-presentations-and-research>

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## **ONLINE NOW: Pediatric Grand Rounds**

You can now view video recordings of Pediatric Grand Rounds on a variety of topics and earn continuing medical education (CME) credits.

Access the videos online via Columbia University's Center for Continuing Medical Education here: <https://collectedmed.com/index.php/cme>

Topics include Childhood Obesity and Non-Alcoholic Fatty Liver Disease, Peanut Allergies, Congenital Heart Disease, Sinusitis, and Craniofacial Deformities.

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## Webinars

Our vast library of videos and webinars is available 24/7 for your convenience.

Cardiovascular Webinars for physicians are available



here: <http://columbiasurgery.org/education-training/cardiovascular-webinars>

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## Patient Referral

To refer elective patients, call 212.305.7013 or 212.304.7810. Email [info@columbiasurgery.org](mailto:info@columbiasurgery.org).

Urgent and emergency transfers: 1.800.NYP.STAT.

Physician Referral

Form: [https://secure.cumc.columbia.edu/surgery/form/physician\\_referrals.html](https://secure.cumc.columbia.edu/surgery/form/physician_referrals.html)

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