



N. Scott Adzick, M.D., M.M.M

Dr. Scott Adzick has served since 1995 as the Surgeon-in-Chief at the Children's Hospital of Philadelphia (CHOP) and the C. Everett Koop Professor of Pediatric Surgery at the Perelman School of Medicine at the University of Pennsylvania. He is the founder and director of the Hospital's Center for Fetal Diagnosis and Treatment. He is recognized worldwide for his contributions to the field of pediatric surgery, and for his creative leadership at CHOP to enhance the surgical care of children.

A true innovator in the field of fetal medicine since its inception, Adzick has dedicated his career to the pursuit of groundbreaking prenatal treatment for debilitating birth defects. He has made pioneering contributions to the practice of fetal surgery, and today continues to explore cutting edge surgical treatment options for life-threatening fetal anatomic malformations such as urinary tract obstruction, congenital diaphragmatic hernia, lung and other tumors, twin-twin transfusion syndrome, and spina bifida.

Adzick led a breakthrough study demonstrating that performing fetal surgery for spina bifida results in significantly improved outcomes versus conventional spina bifida repair after birth. The study represents the fruition of decades of research, much of it led by Adzick and his team, and is an example of how a once-radical idea can, through meticulous investigation, be transformed into a viable treatment for patients. Adzick is lead author of the study results, published in the *New England Journal of Medicine* in 2011.

"For the first time in the history of mankind, we have a new way to offer hope to families who have a prenatal diagnosis of spina bifida," says Adzick. "It's very gratifying to take an idea we had 20 years ago, test it thoroughly, apply it cautiously in the clinical setting and, eventually, have the ability to offer a new therapy that can completely change the life of a child."

At Clayton High School, Adzick was selected as a *St. Louis Post-Dispatch* Scholar-Athlete and he was recognized as an All-Metro St. Louis basketball and baseball player. He won a Harvard National Scholarship at both Harvard College and Harvard Medical School, completed his surgical residency at the Massachusetts General Hospital in Boston and his pediatric surgery fellowship at the Boston Children's Hospital. During surgical residency, he did a research fellowship with Dr. Michael Harrison at the University of California, San Francisco and later joined the faculty at UCSF from 1988-95 before moving to Philadelphia in 1995. He holds a Masters of Medical Management degree from Carnegie Mellon University. He is certified by the American Board of Surgery in General Surgery and Pediatric Surgery. He is on the Editorial Boards of the *Journal of Pediatric Surgery*, *Annals of Surgery*, *Fetal Diagnosis and Therapy*, and *Current Problems in Surgery*. Dr. Adzick has had National Institutes of Health grant support for more than 25 years and has authored more than 600 peer-reviewed publications. He was elected to the Institute of Medicine of the National Academy of Sciences in 1998. He was awarded the John Scott Medal in 2013. Created in 1816, the John Scott Medal is presented to men and women whose inventions and innovations improved the "comfort, welfare, and happiness of human kind" in a significant way. Previous recipients include Thomas Edison, Madame Curie, the Wright Brothers, Nicola Tesla, Edwin Land, Jonas Salk, Frederick Banting, Guglielmo Marconi, Alexander Fleming, and several Nobel Laureates.

Scott and Sandy Adzick have one son.