



Michael Muhonen, M.D.

Michael Muhonen, M.D., is a Pediatric Neurosurgeon, Director of the Neurosurgery Division at CHOC Children's and Medical Director of the CHOC Neuroscience Institute.

Prior to joining CHOC Children's in 1995, Dr. Muhonen was an assistant professor of neurosurgery for three years at the University of Iowa Hospitals, where he also completed his residency. He received his medical training at Oral Roberts University in Tulsa, Oklahoma.

Dr. Muhonen's primary interests include spasticity, complicated hydrocephalus and congenital neurological anomalies. He has published more than 20 original manuscripts and book chapters, and has made over 100 national and international presentations on various pediatric neurosurgical topics, including seminal research on cerebral blood flow, hydrocephalus and cerebral palsy. Additionally, Dr. Muhonen served as primary investigator for the clinical trial of the Strata Valve, a medical device used to treat hydrocephalus. He also led the CHOC Children's research effort on intrathecal baclofen treatment for spasticity and dystonia of cerebral origin.

In addition to his work at CHOC Children's, Dr. Muhonen serves on the professional advisory boards of several device manufacturers, including Medtronic Neurosurgical, Cyberonics, and Codman. He has also initiated the formation of several patient advocacy groups, including "Capture the Moment," a program providing a child-doctor "day out" from the hospital at a local amusement park.