

THANK YOU FOR SUPPORTING OUR NEUROSCIENCE INSTITUTE AT CHOC CHILDREN'S



RECENTLY, AMAZING THINGS HAVE HAPPENED IN THE
INSTITUTE BECAUSE OF SUPPORT LIKE YOURS.

TOGETHER, WE...



IMPROVED OUR SURGICAL EXCELLENCE

Our neuroscience team performed deep brain stimulation surgery for the first time at CHOC with our new Medtronic Stealth 8 neurosurgical navigation system. This machine vastly decreases surgical time and allows our physicians to better treat movement disorders such as tics, tremors and dystonia.



GAVE KIDS THE GIFT OF FREEDOM

While undergoing tests necessary to inform our surgery team, our patients now have access to a wireless backpack that enables them to roam the hospital freely or even go home rather than being tethered to a cord in a small room. This technology allows our patients to act in a much more natural manner that translates to significantly shorter tests.



ELEVATED CHILDREN'S QUALITY OF LIFE

We have integrated technology that enables less invasive approaches to cranial surgery, decreasing the need to utilize the traditional open cranial method. This leads to much shorter stays and allows patients to keep their hair, significantly improving their overall experience.



YOU HELP CHANGE LIVES

Our neuroscience institute is proud to have made great strides in the field of neuroscience research. Both individually and in partnership with other organizations, our investigations have produced a number of notable neuroscience discoveries. In 2018, CHOC investigators submitted 11 abstracts and presentations at national and international meetings, covering leading-edge subjects such as gene editing and advanced treatments in animal models.