Hydrocephalus Association

HYDROCEPHALUS IN **GEORGIA**

HYDROCEPHALUS IS A CHRONIC NEUROLOGICAL CONDITION THAT HAS NO CURE. ANYONE AT ANY TIME CAN DEVELOP HYDROCEPHALUS, FROM INFANTS TO SENIORS. THE ONLY TREATMENT REQUIRES BRAIN SURGERY.

CONTRIBUTIONS TOWARD A BETTER TOMORROW

GEORGIA INSTITUTE OF TECHNOLOGY

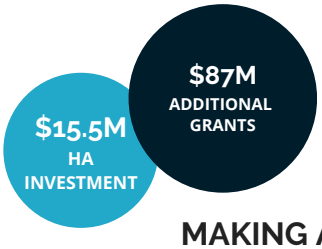
2020 NIH NICHD Grant **$196,486**
Steerable Robotic Endoscopic Tools for Pediatric Neurosurgery. Principal Investigator: Desai, Jaydev P.

2019 NIH NINDS Grant **$183,358**
Towards a Wireless Implantable Intracranial Ultrasound (WICUS) Imaging System. Principal Investigators: Degertekin, F. Levent & Ghovanloo, Maysam

EMORY UNIVERSITY

2021-2023 – NBIB **$450,081**
iPPSIS: implanted Passive Pressure Sensor Interrogated with (ultra)-Sound. Principal Investigators: Myers, David Richard & Lindsey, Brooks D.

2021-2026 NIH NINDS Grant **$14,000,000**
Placebo-Controlled Effectiveness of Idiopathic Normal Pressure Hydrocephalus Shunting



MAKING AN IMPACT

The Big Picture

2 Clinical Research Networks

1 Basic & Translational Research Network

2 Biobanks

1 Hydrocephalus Patient-Powered Registry

36% Decrease in Shunt Infection Rates

12 Preclinical Drug Therapies in testing

2 New Patent for a Drug Target

1 FDA Investigational New Drug Application

ATLANTA

WALK TO END HYDROCEPHALUS

Alexander Park- Lawrenceville
Saturday, September 28, 2024, 9:15 am
atlantawalk@hydroassoc.org
hydroassoc.org/atlantawalk





COMMUNITY SUPPORT GROUPS

Atlanta Community Network
State-wide Online Facebook Group
One-on-one Peer Support Volunteers