

HYDROCEPHALUS IN NORTH CAROLINA

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

DUKE UNIVERSITY

2021 NIH NINDS **\$582,524**

Learning to Predict Delayed Cerebral Ischemia with Novel Continuous Cerebral Arterial State Index.
Principal Investigators: Hu, Xiao & Vespa, Paul M

2022 Hydrocephalus Association **\$1,500**

Potential of TMEM16A chloride channel in post-hemorrhagic hydrocephalus. Travel Award. Liang, Pengfei

ATRIUM WAKE FOREST BAPTIST

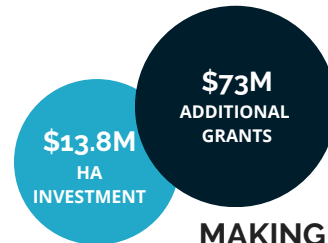
2021-2026 NIH NINDS Grant **\$14,000,000**

Placebo-Controlled Effectiveness of Idiopathic Normal Pressure Hydrocephalus Shunting

SENSEER HEALTH INC.

2023 DOD CDMRP

Develop a coating to reduce cell growth on shunts.
Principal Investigator: McFarland, Todd



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
- 11 Preclinical Drug Therapies in testing
- 1 New Patent for a Drug Target
- 1 FDA Investigational New Drug Application



CHARLOTTE

WALK TO END HYDROCEPHALUS

Park Road Park, Charlotte
Saturday, September 28, 2024
charlottewalk@hydroassoc.org
hydroassoc.org/charlottewalk

COMMUNITY SUPPORT GROUP

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