

# HYDROCEPHALUS IN SOUTH 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

### MUSC Health Charleston under HCRN

2010 Hydrocephalus Association **\$110,000**

Early versus Late CSF Drainage Treatment in Experimental Neonatal Hydrocephalus. Principal Investigator: Dr. Ramin Eskandari

2020 Hydrocephalus Association **\$1,500**

Glial Scar Formation And Concomitant Glymphatic Impairment In The Hydrocephalic Brain. Travel Award. Vasas, Joseph "Tyler"

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

Complement Inhibition Reduces Post-Hemorrhagic Hydrocephalus in Mouse Neonatal Germinal Matrix Hemorrhage. Travel Award. Vasas, Joseph "Tyler"

2022 Hydrocephalus Association Innovator Award  
Principal Investigator: Eskandari, Ramin

**\$15.5M**  
HA  
INVESTMENT

**\$87M**  
ADDITIONAL  
GRANTS

## 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

## COLUMBIA WALK TO END HYDROCEPHALUS

Two Medical Park, September 28, 2024  
hydroassoc.org/columbiawalk  
columbiawalk@hydroassoc.org



## COMMUNITY SUPPORT GROUPS

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