BOBBY JONES CSF **RESEARCH PROJECTS**



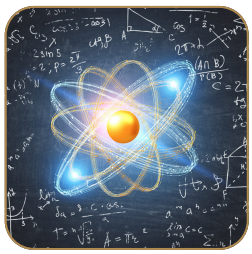
FIRST NEUROBIOLOGICAL TREATMENT FOR SYRINGOMYELIA

Bobby Jones CSF and Hemostemix are in discussions to assess a novel cell therapy treatment option for syringomyelia. The proposed Phase 1 study will investigate the safety and potential effectiveness of a treatment using a patient's own blood-derived cells, with the goal of improving pain, quality of life, function, and performance.



CRANIOVERTEBRAL JUNCTION DISORDER ALLIANCE

A new international alliance is bringing together nonprofit organizations, advocacy groups, patient associations, clinicians, researchers, and patients to advance care for craniovertebral junction disorders. By sharing knowledge, collecting global data, and developing common priorities, the alliance aims to improve diagnosis, access to care, research collaboration, and long-term outcomes worldwide.



CHIARI SURGICAL SUCCESS SCALE

The Chiari Surgical Success Scale (CSSS) is a multi-institutional research initiative designed to help predict whether a patient is likely to respond favorably to Chiari decompression surgery. By evaluating clinical, symptom, and radiological factors, the CSSS aims to give physicians and patients an evidence-based tool to better understand potential outcomes and make more informed decisions about surgical care.



TRANSITION OF CARE

The Transition of Care Committee (TOCC) is working to address one of the most persistent challenges facing patients with complex neurological conditions: the transition from pediatric to adult care. Through research, education, provider training, and the development of scalable care models, the TOCC is building a framework for more seamless, coordinated, lifelong care.



CHIARI NEUROBIOMECHANICS RESEARCH LABORATORY

The Chiari Neurobiomechanics Research Laboratory at Northeastern University, in collaboration with Bobby Jones CSF, is using advanced biomedical engineering to deepen our understanding of Chiari malformation. By studying dynamic CSF flow, tissue motion, biomechanics, and other clinical measures, the laboratory is working toward more meaningful biomarkers, personalized insights, and improved approaches to diagnosis and care.



INTERNATIONAL CSF HDYRODYNAMICS SYMPOSIUM

The International CSF Hydrodynamics Symposium brings together scientists, engineers, mathematicians, and clinicians from around the world to explore the complex dynamics of cerebrospinal fluid. Through interdisciplinary research and collaboration, the symposium seeks to better understand the mechanics underlying conditions such as Chiari, syringomyelia, and hydrocephalus—and translate those discoveries into better diagnostic tools and treatments.