Conquer Chiari is excited to announce we intend to fund a new research grant to determine if an individual patient’s brain and skull anatomy can predict surgical outcome. The Conquer Chiari Research Center has quickly established itself at the forefront of morphometrics research and has published a number of important papers in this area based on images from the Chiari1000. For this project, they will partner with a clinical center to:

1. See if individual morphometric measures can predict surgical outcome as measured by the widely adopted Chicago Chiari Outcome Score

2. Determine the feasibility of establishing post-surgical, quantitative morphometric targets to ensure positive outcomes, such as minimum CSF space required around the cerebellar tonsils

While the Chiari1000 played a crucial role in getting to this point with morphometric research, it is also important to apply these techniques to a Chiari population in a controlled clinical setting. Identifying ahead of time who may benefit from surgery would be a great step forward in our march to Conquer Chiari.

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