Patient-centered Analysis of Endoscopic Craniectomy with Postoperative Orthotic Therapy

Craniosynostosis is the premature fusion of one or more sutures of the calvarium. This can be an isolated event or part of a craniofacial syndrome. We hypothesize that there will be multiple barriers to the diagnosis of the deformity, including limited physician and patient knowledge of the diagnosis of craniosynostosis and limited access to specialized care. We also believe there may be challenges associated with the helmet therapy for families, including attendance of all required postoperative visits with the orthotist for ongoing helmet adjustments.

The long term goals of this study are to identify these barriers, present possible solutions, and create a patient-centered treatment protocol that can be established at our institution and at other treatment centers.

The medical student’s role would be chart review, data collection and data analysis.