THE CRANIOSPRING
A bioresorbable cranial spring for sagittal craniosynostosis treatment

BACKGROUND
1 in 2100 newborns suffer from sagittal craniosynostosis
Results in an elongated skull and impaired brain development from cranial sutures fusing prematurely

PROBLEM
Current treatment options are limited by their safety and accessibility

Helmet Therapy
$2000 out-of-pocket helmet costs
30-70 follow-up visits over 12-17 months

Cranial Spring Surgery
2 pediatric surgeries under anesthesia are required
20% risk of an adverse event occurring

Bioresorbable Cranial Spring
- Made of non-toxic resorbable polymers and metal alloys
- Eliminates the need for a second surgery and follow-up visits
- Fits into existing surgical workflow

Foot Plate
- Designed to hook securely under the skull bone
- Smooth and rounded to reduce the possibility of dural tear

OUR SOLUTION

Team
Renee Liu, Bryan Kaplan, William Zhu, Makenzie Higgins, David Lu, Gnagna Sy, Shalika Subramanian, Emma Anderson
Dr. Alan Cohen, Dr. Robin Yang - Johns Hopkins Hospital
Dr. Elizabeth Logsdon
Dr. Warren Grayson, Dr. Timothy Weihs
Jennifer Schultz

REFERENCES
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