

Shriners Sports Medicine Registry

Principal Investigator
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PROJECT OVERVIEW

This project supported the development of a centralized sports medicine registry designed to help Shriners Children's organize patient, diagnosis, surgical, rehabilitation, motion analysis, and functional outcome data. The registry was intended to create a shared data warehouse that could support multi-site research, outcomes tracking, and evidence-based clinical insights.

The Challenge

Sports medicine outcomes data can be difficult to compare across hospital sites when patient characteristics, procedures, rehabilitation measures, and functional outcomes are stored in different systems or formats. A centralized registry is needed to help clinicians and researchers better understand patient progress, surgical outcomes, rehabilitation readiness, and risk assessment.

The Innovation

The project helped establish a prototype database framework capable of identifying, extracting, and analyzing relevant data from Shriners medical records. Initial testing showed that the database could successfully extract and analyze correct data, creating a foundation for broader registry-based research and clinical decision support.

Potential Impact

This registry could strengthen multi-site sports medicine research, improve outcome tracking, and support better-informed clinical decisions for pediatric patients receiving sports medicine care.

INSTITUTION

Georgia Institute of
Technology

FUNDING

\$70,610

STATUS

Completed

TIMELINE

2021–2024