

**Riddhi Rane, Class 2024**

**Campus:** Baylor Scott and White Health, Temple TX

**Research Area:** Pediatric Stroke

**Mentor:** Batool Kirmani, MD, FAAN, FAES

**Launch Talks:** April 2021

Riddhi Rane, a medical student at Texas A&M School of Medicine, was a co-author in pediatric stroke review article under the guidance of Dr. [Batool F. Kirmani](#) in the Endovascular Therapy and Interventional Stroke Program in the Department of Neurology at CHI St Joseph's Health Regional Hospital in Bryan, TX. Pediatric stroke is a rare occurrence and is often diagnosed with significant delay. This can result in debilitating consequences following the stroke that may remain for the remainder of life. Often, clinical care for pediatric stroke is extrapolated from adult data and experiences. However, the presentation of pediatric stroke may vary widely from that of adults and therefore, may result in treatment ambiguities and inaccuracies. Treatments such as tissue plasminogen activator (tPA) and mechanical thrombectomies are performed on a case by case basis. Due to the rarity of pediatric stroke, very little randomized control trial data exists to determine the standard of care for children specifically. Where randomized control trial data lacks, there are case studies and retrospective meta-analyses to shed some light. This project aimed to provide a comprehensive understanding on the current limitations in pediatric stroke research thorough literature review on the recent developments and updates in the field. Their work was recently published in Aging and Disease. Link to review paper: <http://www.aginganddisease.org/EN/10.14336/AD.2021.0219>