

STRONG CHILDREN'S RESEARCH CENTER

Summer 2021 Research Scholar

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Pediatric Renal Biopsy Trends 2007-2021

Background: Many children in America live with kidney conditions that require a specific plan for treatment. In order to provide a patient with a treatment plan, the fundamental cause of the kidney disease must be known. In many cases, the underlying cause of kidney dysfunction cannot be determined solely by blood and urine tests. A renal biopsy is often essential to determining the reason for kidney dysfunction. There is evidence from previous publications that the incidence of different renal diseases in children has changed over the past few decades, however, there is no published data examining this issue in children from the United States.

Methods: Retrospective chart review of patients from the pediatric nephrology division at URMH who underwent native renal biopsies from 2007-2021. Variables extracted included biopsy indications (nephrotic