| Prognostic value of gallbladder wall thickening in pediatric patients with acute hepatitis A |

**Names and Addresses**

- **Author:** Dr. Mohsen Khalili
  - **Email:** dr.khalili@zaums.ac.ir
- **Cochair:** Dr. Zahid Mirmohamadse
  - **Email:** zademirmohadese@yahoo.com
- **Cochair:** Mr. Amin Mashhadi
  - **Email:** aminmashhadi@zaums.ac.ir

**Affiliations**

- **Department of Pediatrics, Zanjan University of Medical Sciences, Zanjan, Iran**
- **Department of Pediatrics, Zanjan University of Medical Sciences, Zanjan, Iran**
- **Department of Pediatrics, Zanjan University of Medical Sciences, Zanjan, Iran**

**Context**

The study aimed to evaluate the prognostic value of gallbladder wall thickness in pediatric patients with acute hepatitis A. The authors conducted a retrospective analysis of medical records of patients diagnosed with acute hepatitis A at the Zanjan University of Medical Sciences between January 2019 and December 2020. The primary outcome was the development of complications such as cholecystitis or bile duct obstruction.

**Methods**

- **Patients:** All pediatric patients admitted to the hospital with a diagnosis of acute hepatitis A were included in the study.
- **Measurements:** Gallbladder wall thickness was measured using ultrasonography. The thickness was categorized into four groups: normal, mild, moderate, and severe.
- **Outcome:** The incidence of complications was compared between the groups.

**Results**

- **Findings:** Patients with severe gallbladder wall thickness had a significantly higher incidence of complications compared to those with normal thickness.

**Conclusion**

The study highlights the importance of monitoring gallbladder wall thickness in pediatric patients with acute hepatitis A to predict the development of complications. Further research is needed to validate these findings and to develop effective management strategies.