

6 Name of Journal: *World Journal of Clinical Pediatrics*

ESPS Manuscript NO: 22207

Manuscript Type: MINIREVIEWS

Acute lobar nephritis in children: not so easy to recognize and manage

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Abstract

Acute lobar nephritis (ALN) is a localized non-liquefactive **3** inflammatory renal bacterial **4** infection, which typically involves one or more lobes. ALN is considered to be a midpoint in the spectrum of upper urinary tract infection (UTI), a spectrum ranging from uncomplicated pyelonephritis to intrarenal abscess. This condition may be difficult to recognize due to the lack of specific symptoms and laboratory findings. Therefore the disease is probably underdiagnosed. Computed Tomography (CT) scanning represents the diagnostic gold standard for ALN, but Magnetic Resonance (MRI) could be considered in order to limit irradiation. The diagnosis is relevant since initial intravenous antibiotic therapy and overall length of treatment should not be shorter than 3 weeks. We review the literature and analyze the ALN clinical presentation starting from four cases with the aim to give to the clinicians the elements to suspect and recognize the acute lobar nephritis in children.

Key words: Acute lobar nephritis; Children; Upper urinary tract infection; CT; MRI.

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An Approach to the Child with Acute Glomerulonephritis

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2011年10月13日 - Many children with acute glomerulonephritis (AGN) are first seen in their ... in which management by the primary caretaker may be appropriate. ... Frequently, renal biopsy is not available, but AGN can usually be recognized by the ... a complication of the disease: hypertensive seizures, edema, and so forth.

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