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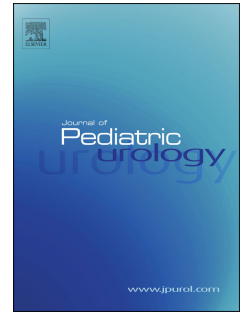
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Predictive value of cortical transit time on MAG3 for surgery in antenatally detected unilateral hydronephrosis caused by ureteropelvic junction stenosis

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Summary Background: In children with antenatally detected hydronephrosis caused by ureteropelvic junction (UPJ) stenosis, the main challenge is preserving renal function by identifying children who require early surgical intervention from those for whom watchful waiting may be appropriate because of the potential for spontaneous resolution without a significant loss of renal function.

Objective: To assess the impact of initial cortical transit time (CTT) on technetium-99m mercaptoacetyl triglycerine (MAG3) diuretic renogram on the need for surgery in children with antenatally detected unilateral hydronephrosis caused by UPJ stenosis.

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