

# <sup>99m</sup>Tc-DMSA scintigraphy diagnosing crossed renal ectopia with fusion in a three years old boy

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## Abstract

A 3 years old boy with a history of surgery for orchidopexy was admitted to our hospital with fever and abdominal pain. Clinical examination and laboratory investigations revealed urinary tract infection with renal involvement. Ultrasonography demonstrated a solitary left kidney and raised the suspicion of a fusion anomaly. Voiding cystography disclosed grade III vesicoureteral reflux and technetium-99m dimercaptosuccinic acid scintigraphy revealed right to left crossed renal ectopia with fusion (L-shaped kidney). The patient is undergoing standard follow-up for the early detection of possible renal complications. *In conclusion*, L-shaped kidney is a rare entity and the <sup>99m</sup>Tc-DMSA scintigraphy played an important role of timely diagnosis.

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