

SEVERE HYDROURETER MIMICKING VESICAL CATHETER BALLOON AT SONOGRAPHY

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INTRODUCTION

Most of the patients of painful hematuria are benefitted from radionuclide renogram and ultrasonography.¹⁻⁴ Radiation dose from the isotope used in renography is very small : one-hundredth of that from intravenous urography (IVU).

Sonography is a non-invasive and non-ionizing procedure which has become very much popular in the investigation of various diseases. However, one must be careful and cautious to interpret the images, for example, cystitis may sometimes mimic bladder cancer on sonography.⁵

CASE REPORT

A boy of 8 years came with complains of pain in left loin and hematuria. Radionuclide renogram with Tc-99m DTPA showed left-sided obstructive uropathy. Ultrasonography showed severe hydronephrosis and hydroureter on left side, a balloon-like structure was seen in the lumen of urinary bladder, but the patient was never catheterized: On careful scanning it was seen to be continuous with the left hydroureter. We report this case considering its rarity. (Fig.1)

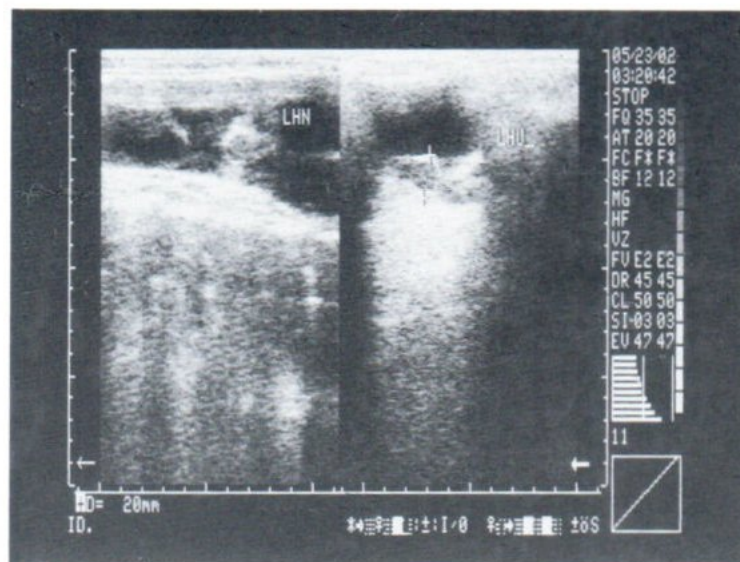


Fig. 1 LHU = Left hydroureter,
LHN = Left hydronephrosis

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