

Unilateral abdominal bulging caused by L1-L2 herniation

Abaulamento abdominal unilateral causado por hérnia L1-L2

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A 62-year-old woman noticed, after a sharp lumbar pain, a non-painful bulging mass in the left inguinal fossa upon standing upright, which disappeared in the supine position (Fig 1A). Neurological examination revealed hypoesthesia above the left inguinal ligament. Abdominal computerized tomography (CT) scan showed no evidence of tumor or inguinal hernia. Lumbar spine magnetic resonance imaging

(MRI) indicated L1-2 disk herniation compressing the left L1 nerve root (Fig 1B).

A cutaneous sensory recurrent branch from the anterior branches of L1 of the iliohypogastric and ilioinguinal nerves innervates a small narrow band-shaped area on the abdominal wall above the pubis. The clinical picture and the imaging results were indicative of a lesion at L1 root^{1,2}.

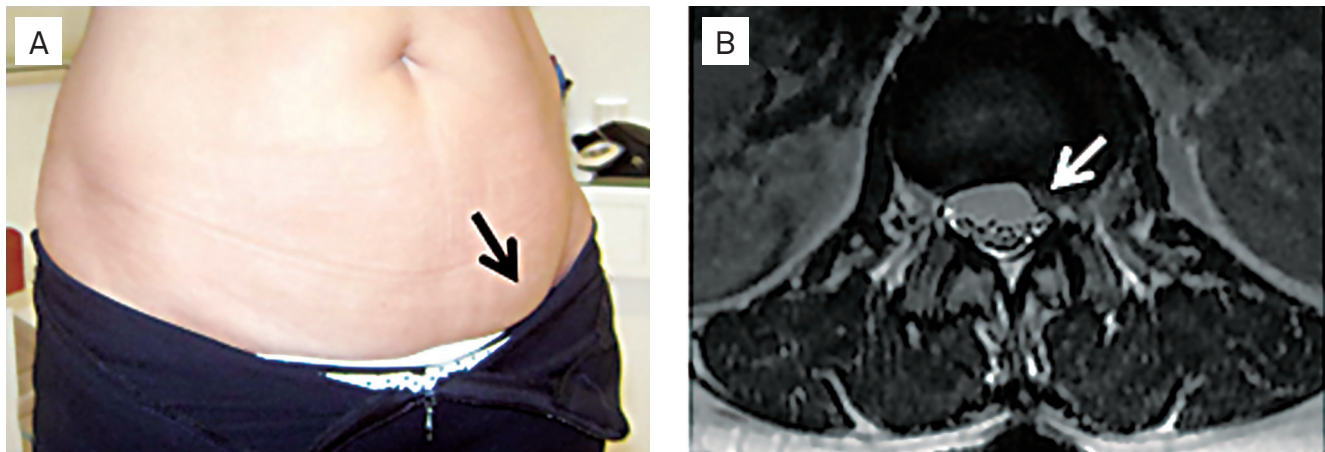


Fig 1. (A) Bulging of the left lower part of the abdomen while standing upright. (B) Axial T2-weighted MRI sequence showing a L1-L2 disk herniation and left side displacement of the dura mater at the L1 level.

References

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