

Teaching Video NeuroImages: The elusive L5 reflex



Michael D. Perloff, MD,
PhD
Andree M. LeRoy, MD
Erik R. Ensrud, MD

Address correspondence and
reprint requests to Dr. Michael
D. Perloff, Department of
Neurology, Boston University
School of Medicine, 72 E.
Concord St., C3, Boston, MA
02118
Michael.Perloff@nyumc.org

A 61-year-old man with a history of type 2 diabetes, obesity, and lower back pain had acute severe back pain with radiation down the right lateral-posterior thigh and across the anterior calf. MRI demonstrated severe right L5-S1 foraminal stenosis and EMG showed chronic right L5 reinnervation. The medial hamstring (semitendinosus and semimembranosus muscles) represents an L5 reflex.^{1,2} This reflex is difficult to elicit in supine or seated positions (video 1 on the *Neurology*[®] Web site at www.neurology.org), but is well-visualized with the patient prone (video

2). In this patient, the medial hamstring reflex was obvious on the left, but not the right. Patellar (L4) and ankle jerk (S1) reflexes were normal bilaterally, supporting an L5-specific lesion.

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Supplemental data at
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From the Department of Neurology (M.D.P.), Boston University School of Medicine, Boston University Medical Center, Boston; Department of PM&R at Harvard Medical School (A.M.L.), Spaulding Rehabilitation Hospital, Boston; and Department of Neurology (E.R.E.), VA Boston Healthcare System in association with Brigham and Women's Hospital, Jamaica Plain, MA.

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