

# Drop Foot Due to Sciatic Neuropathy after Intramuscular Injection

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## LETTER TO EDITOR

Dear Editor,

Especially in developing countries, sciatic neuropathy is seen after intramuscular injection drug administration from the gluteal region. Typically; foot flexion, loss of extension, diaesthesia, foot pain, loss of sensation. A 60-year-old male patient presented with complaints of loss of muscle strength and sensation, and pain in the left foot after an intramuscular injection from the left hip 2 days ago. Known DM, HT and CVD. His vitals were stable. In his physical examination, GCS: 15, upper extremity muscle strength 5/5, lower extremity right 5/5, left 4/5, left foot dorsiflexion 3/5, deep tendon reflexes were hypoactive, plantar reflexes, right flexor left lax response were present. Paresthesia was present. WBC:10.000 CRP: 5 Cre: 1.2 BUN: 26, other results were normal. The patient was considered to have foot drop syndrome resulting from sciatic nerve injury after IM injection. Sciatica neuropathy develops in intramuscular injections made from gluteal region. This causes something to be anatomic variation of sciatica nerve and sometimes it is seen that it is due to application error and insufficient experience. This condition increased morbidity.

**Keywords:** Drop Foot, IM injection, Sciatic Neuropathy.

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