



The usefulness of ultrasound in iatrogenic nerve injuries. Letter in response to the paper by Carlson Strother et al. "Surgical management of peroneal nerve injuries." – Reply

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Dear Editor,

We agree with the letter by Mauro et al. in the utility of ultrasound for diagnosis and prognostication of peripheral nerve injuries, including peroneal nerve injuries. The purpose of our study was to evaluate outcomes of surgical management of peroneal nerve injuries and was over a 20 year period [1]. Ultrasound was not as readily available or commonly used early in our practice. However, ultrasound is frequently used in the diagnosis of other peripheral neuropathies such as carpal tunnel and cubital tunnel syndrome [3, 5]. Recent studies have evaluated the utility of ultrasound in diagnosing peroneal nerve injuries as well [2, 4]. In our cohort of 48 patients, 14 had ultrasound evaluation of their peroneal nerve prior to surgery. Further studies correlating ultrasound imaging with intraoperative findings of peroneal nerve injuries will be useful to guide surgeons in counseling patients. Additionally, ultrasound may help guide surgical treatment choices between tendon transfers and/or nerve grafting/transfers.

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