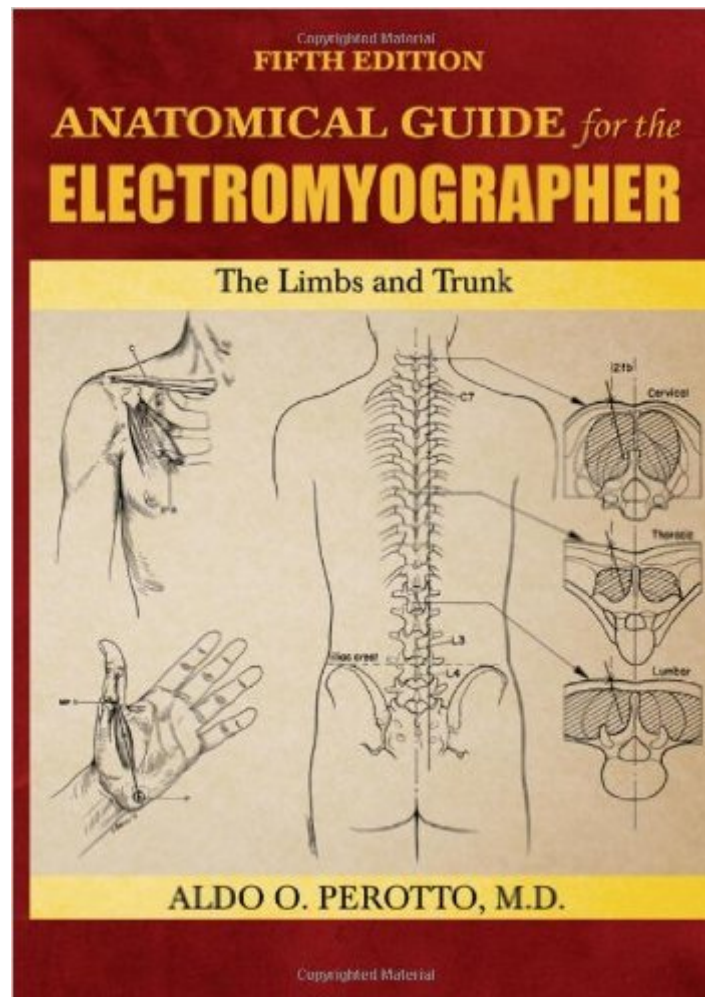


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Anatomical Guide For The Electromyographer: The Limbs And Trunk



Synopsis

This invaluable book for the electromyographer dispenses the latest techniques detailing methods of intramuscular electrode placement. The author examines the basic principles in electromyography (EMG) and includes updated information for the appendicular and axial muscles. It is divided into 14 sections organized by anatomical region: the muscles of the hand, forearm, arm, shoulder girdle, foot, leg, thigh, pelvis, hip joint, perineal region, paraspinal region, abdominal wall, the intercostals and diaphragm regions, along with the muscles innervated by cranial nerves. This information includes the innervations and attachments of each muscle, how to position the patient for examination, the appropriate site for insertion of the electrode, the depth of insertion for the electrode, and the action that the patient should perform to activate the muscle. The descriptions of the techniques used for rarely examined muscles are sufficient for a clinician to have the confidence needed to perform the procedure. Common errors in electrode placement and clinically relevant comments are illustrated and discussed, including cross-sectional illustrations on the appendicular muscles. A particularly useful inclusion is 'Pitfalls' that describes which muscle the electrode will record if the needle is placed too deep, not deep enough, or not at the location described. The text contains a useful appendix, providing dermatomes of the limb and trunk, cutaneous innervations of the head, and excellent illustrations of both the brachial plexus and the lumbo-sacral-coccygeal plexus. The appendix also contains a useful table listing all muscles that are presented in the text with innervations from the peripheral nerve to the mixed spinal nerve root. Well organized, clearly and concisely written, this book remains a learning tool and excellent reference for electromyographers and for healthcare practitioners who are expanding their practice skills to include diagnostic EMG, as well as for graduate students who use EMG as part of their research.

Book Information

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Customer Reviews

This is just a great book (witness how the few used copies are all going for higher than list). We have about 4 EMG/NCV atlas-type publications hanging around our EMG lab, but everybody reaches for the Perotto. It's been out of publication for a while, which caused many graduating residents to covet it (and some to copy it), but they just did a reprint in June so hopefully this will increase supply. The single most useful feature is the cross-sectional anatomy diagrams. I can tell at a glance how deep I need to go, and what high-value targets, so to speak, that I might hit if I miss the mark (arteries, veins, that sort of thing). Love it!

There is no better and easier to read book regarding localization from EMG. It is not fancy and graphics are old but it is the ease of use what makes this book a gem. You can consult the localization of an unusual muscle in less than 30 seconds...

This is the best EMG book in the lab. It breaks each muscle down by its root, plexus, and nerve. It describes how to find the muscle and activate it. The pictures are invaluable! If I have to test a muscle I have not done in a while, I immediately go to this book. Highly recommended if you perform EMGs.

I love the pictures. This was the only book that really made sense to me. I don't anticipate doing EMG's but, like I said, I like the pictures.

This book has great pictures and easy to follow directions on how to locate the site for the needle insertion. Well worth the money.

great bedside learning companion for EMG's during residency. Still use it as a refresher as needed. I recommend it for all residents

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