



# Atlas of Electromyography

By A. Arturo Leis, Vicente C. Trapani

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The *Atlas of Electromyography* is a visually alluring book which provides high quality anatomical illustrations of skeletal muscles that include nerve, plexus, and root supply; photographs of each muscle in healthy subjects to enable the practitioner to identify the optimum site of EMG needle insertion; clinical features of the major conditions affecting peripheral nerves; and electrodiagnostic strategies for confirming suspected lesions of the peripheral nervous system.

The atlas is divided into sections on the major peripheral nerves. Each nerve is illustrated and its anatomy reviewed in the text. The authors provide a detailed outline of the clinical conditions and entrapment syndromes that affect the nerve, including a list of etiologies, clinical features, and electrodiagnostic strategies used for each syndrome. Each muscle supplied by the peripheral nerve is shown as an anatomical illustration with a corresponding human photograph. The text provides information about the muscle origin, tendon insertion, voluntary activation maneuver, and site of optimum needle insertion. The needle insertion point is identified in both the anatomical illustration and the corresponding photographs. This assures that pertinent bone, muscular, and soft tissue landmarks can be used to guide the electromyographer to a specific point on the skin. Potential pitfalls associated with the needle insertion are added, usually noting adjacent muscles or structures that may be mistakenly entered. Clinical correlates pertinent to the muscle being examined are also provided. The atlas of Electromyography serves as an anatomical guide for practitioners of electromyography and neurologists, as well as residents in neurology, physical medicine, and rehabilitation.

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"The text includes excellent illustrations, corresponding photographs, and well organized outlines...This excellent guide should become a standard text for residents in clinical neurophysiology programs."--Annals, The Royal College of Physicians and Surgeons of Canada, February 2001

"This electromyography book is useful and high quality. It is above average in content compared to other books in the field of electromyography. It is superior as a manageable, portable text written with a succinct, concise, organized approach to other books in this field." -- Doody's

"This atlas is an excellent guide for the practicing electromyographer and the student beginner and should become a standard text for residents in clinical neurophysiology programs." -- R.D. Gordon Blair, MD

### **About the Author**

A. Arturo Leis and Vincente C. Trapani are both at University of Mississippi Medical Center, Jackson.

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