Electroneurodiagnostic Technologist

**Electroneurodiagnostic Technologists Record and Study Electrical Activity** arising from the brain and spinal cord. They work with doctors, patients and other medical staff, and their job may also involve obtaining medical histories, preparing and performing procedures for patients, recording and calculating results, and maintaining equipment. According to the American Society of Electroneurodiagnostic Technologists (ASET), the most common procedures are electroencephalograms, which record the ongoing electrical activity in the brain to evaluate for seizures and epilepsy; polysomnograms, which evaluate for sleep disorders such as obstructive sleep apnea; evoked potential studies, which evaluate the complete nerve pathway by response to external stimulus; and nerve conduction studies, which evaluate the peripheral nerve integrity.

**The Workplace**
Electroneurodiagnostic technologists work in hospitals, clinics, sleep labs and companies involved in electroneurodiagnostic equipment sales.

**Educational Requirements**
According to ASET, individuals entering the field should have at least an associate degree and have successfully completed a program reviewed by the Commission on Accreditation for Educational Programs in Electroneurodiagnostic Technology, and accredited by the Commission on Accreditation of Allied Health Education Programs. ASET notes that currently most of the schools are associated with two-year colleges, but a few are located in hospitals or technical schools.

**Earnings**
Salaries range from around $31,000 for a graduate just entering the field, to more than $70,000 per year for lab managers or independent contractors, according to ASET data. The average salary based on data collected in 2006 was $48,173.
Job Outlook
The U.S. Department of Labor projects that employment in health care occupations will grow much faster than in most other fields, and a study by the ASET and the American Hospital Association supports the existence of a serious need for educated and skilled technologists.

Explore More
For more information about the career of electroneurodiagnostic technologist and the education and training it requires, here are some places to turn.

American Academy of Neurology
www.aan.com

American Clinical Neurophysiology Society
www.acns.org

American Society of Electroneurodiagnostic Technologists
www.aset.org

American Society of Neurophysiological Monitoring
www.asnm.org

Commission on Accreditation of Allied Health Education Programs
www.caahep.org

Committee on Accreditation for Education in Electroneurodiagnostic Technology
www.coa-end.org

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