



Neurology of South Jersey

EEG

An EEG is a recording of the electrical activity of the brain. Fluctuating electrical activity produced by the brain is recorded as wavy lines on sheets of continuous graph paper. The tracing is later examined by our physician, who is highly trained and experienced in reading and interpreting the test results.

EEG is a diagnostic tool used to evaluate seizure disorders, metabolic disorders, stroke, infections of the central nervous system, degenerative brain disorders, head trauma, and headaches. Small metal discs (electrodes) are attached to the patient's scalp with an adhesive. The electrodes are placed on predetermined spots, usually in predetermined numbers. The electrodes "pick up" the electrical activity of the brain, and the activity is transmitted through wires to the electroencephalograph machine, where the signals are amplified sufficiently to be seen on the recording. The EEG test is painless and usually takes less than an hour.

Mitchell J. Rubin, MD; Jonathan I. Orwitz, MD; Seth M. Keller, MD
Arun Kachroo, MD; Carole E. Thomas, MD; Jamie Strause, RN, MSN, APN-C
BOARD CERTIFIED IN NEUROLOGY

Advocare Neurology of South Jersey

200-B Route 73 North
Suite 2
Voorhees, NJ 08043

Tel: (856) 335-0400
Fax: (856) 335-0406

Amherst Commons
693 Main Street, Bldgs. B and D
Lumberton, NJ 08048

Tel: (609) 261-7600
Fax: (609) 265-8205