



AMERICAN BOARD OF PSYCHIATRY AND NEUROLOGY, INC.

MAINTENANCE OF CERTIFICATION EXAMINATION
IN CLINICAL NEUROPHYSIOLOGY (EMG EMPHASIS)

2010 Content Outline

150 questions	Percent
I. EEG	13.3%
A. Methods	2.6%
1. Techniques – activation, other	1.3%
2. Artifacts – more complex, specific EEG	1.3%
B. Basic patterns, including variants	4%
1. Maturation and age-related changes	2%
2. Variants – normal and uncommon	2%
C. Clinical correlations	6.7%
1. Seizures and other paroxysmal events	1.3%
2. Focal lesions	1.3%
3. Diffuse encephalopathies – coma, death	1.3%
4. Drugs and treatment effects	1.3%
5. Periodic and uncertain patterns	.7%
6. Infant and pediatric disorders	.7%
II. NCS/EMG	78.6%
A. Methods	20%
1. Anatomy	10%
2. Techniques	10%
a. NCS	3.3%
b. EMG	3.3%
c. Repetitive stimulation	2.7%
d. SFEMG	.7%
B. Basic patterns	6.7%
1. NCS	2.7%
2. EMG	2%
3. Repetitive stimulation	.7%
4. Artifacts	1.3%
C. Clinical correlations	53.3%
1. Peripheral nerve disease	13.3%
a. Diffuse axon loss	2.7%
b. Diffuse demyelinating	2.7%



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	c. Focal	4%
	d. Multifocal	2%
	e. Cranial	1.3%
	f. Hyperexcitability states (Isaacs, other myokymias, etc.)	.7%
2.	Central disease—motor neuron, cord, stem	10.7%
	a. ALS	4%
	b. Other motor neuron diseases	4%
	c. Cord/stem	2.7%
3.	Neuromuscular junction disease	8%
	a. Myasthenia gravis	4%
	b. LEMS	2%
	c. Botulism	1.3%
	d. Other (repetitive CMAPs with single stimuli, etc.)	.7%
4.	Muscle disease	10.7%
	a. Inflammatory	4%
	b. Dystrophy	4%
	c. Metabolic/toxic (storage diseases, endocrine, mitochondrial, critical illness, steroid, etc.)	2%
	d. Channelopathies (periodic paralyses, myotonia/paramyotonia congenita, etc.)	.7%
5.	Pediatric disorders	4%
6.	Patterns—prognosis, evolution of disease	6.7%
III.	Other CNP	8%
	A. Sleep	2%
	B. Evoked potentials	2%
	C. Autonomic physiology/studies	1.3%
	D. Ethics	1.3%
	E. Safety	1.3%
TOTAL		100%