

ABRET EXAMINATIONS

Candidate Performance

2011

One of the following must be met and verified for candidates to be eligible to take the written EEG and the R. EP T. exams.

- 1) Candidate must be a student or graduate of a CAAHEP-accredited END Program
- 2) Candidate must have at least an associate's degree plus one year of experience
- 3) Candidate must have at least three years of experience

ELECTROENCEPHALOGRAPHY

Running Totals 2003-2011 by eligibility:

	<u>Totals</u>	<u>Pass Rate</u>
CAAHEP END Program	1282 (33%)	66%
Associate's Degree	708 (18%)	56%
On the job training/3 yrs experience	1946 (49%)	37%

Stats for 2011:

Approximately 67% passed the exam the first time. Of those retaking the exam, 33% passed.

Education

44% of candidates had high school as their highest education level and a pass rate of 35%.

32% of candidates had Vo-tech/Associate degree and a pass rate of 41%.

15% of candidates had a bachelor's degree and a pass rate of 69%.

4% had an advanced degree and a pass rate of 71%.

Oral EEG Exam Statistics

	2006	2007	2008	2009	2010	2011
Number of Candidates	177	159	213	244	267	263
Pass Rate	86 (49%)	75 (47%)	99 (46%)	127 (52%)	155 (58%)	146 (57%)
Recording Concepts Pass Rate	80% 130/163	76% 107/140	69% 132/192	79% 174/219	71% 167/236	78% 112/236
Measurement & Application Pass Rate	64% 100/156	61% 83/136	65% 116/179	70% 137/195	73% 155/212	71% 151/214
Record Review Pass Rate	80% 122/152	74% 100/136	80% 141/177	77% 163/210	85% 199/234	76% 171/224

EVOKED POTENTIALS

R. EP T. Examination

2010 = 195 Candidates; 48% passed

2011 = 188 Candidates; 49% passed

Running Totals 2003-2011 by eligibility:

	<u>Totals</u>	<u>Pass Rate</u>
Formal END Program	201 (22%)	68%
Associate's Degree	156 (17%)	66%
On-the-job training/3 yrs. Experience	564 (61%)	38%

Stats for 2011:

61% passed on the first attempt. 36% of the repeating candidates passed.

Education

31% of candidates had high school as their highest education level and had a pass rate of 86%.

44% of candidates had Vo-tech/Associate degree and had a pass rate of 45%.

20% of candidates had a bachelor's degree and had a pass rate of 74%.

5% had an advanced degree and had a pass rate of 92%.

NEUROPHYSIOLOGIC INTRAOPERATIVE MONITORING

Eligibility for CNIM **Path I** Exam is an R. EEG T. or R. EP T. credential plus documentation of 150 cases monitored.

Eligibility for CNIM **Path II** Exam is a minimum of a bachelor's degree plus documentation of 150 cases monitored.

Pathway Stats:

CNIM	Number of Candidates	Pass Rate	Pass Rate-Initial Attempt	Pass Rate-Repeat Candidate
Path I	2010 - 68	2010 - 54%	2010 - 56%	2010 - 52%
	2011 - 106	2011 - 57%	2011 - 62%	2011 - 51%
Path II	2010 - 307	2010 - 44%	2010 - 56%	2010 - 21%
	2011 - 293	2011 - 49%	2011 - 59%	2011 - 40%

Education	High School	Vo-tech/AS	Bachelors	Advanced Degree
Path I Pass Rate (REETG &/or REPT)	2010 - 41%	2010 - 56%	2010 - 69%	2010 - 50%
	2011 - 55%	2011 - 52%	2011 - 65%	2011 - 75%
Path II Pass Rate (Bachelors degree)			2010 - 40%	2010 - 58%
			2011 - 46%	2011 - 57%

Procedures Performed in the OR	PATH I		PATH II	
	2010	2011	2010	2011
SSEP/Spinal Monitoring	100%	100%	99%	99%
Spinal Nerve Supplied EMG	89%	89%	89%	91%
Motor Pathway	99%	97%	92%	95%
Intraop Scalp EEG	75%	79%	61%	65%
BAEP	66%	73%	43%	46%
Cranial Nerve EMG	63%	89%	56%	59%
Cortical Mapping	32%	44%	18%	17%
Electrocorticography (ECOG)	17%	34%	13%	12%
VEP	5%	18%	5%	3%
Other	11%	8%	9%	11%

The most common reasons given for taking the CNIM exam:

- 1 – Job Requirement
- 2 – Professional Advancement
- 3 – Personal Goal
- 4 – Salary

LONG TERM MONITORING

The following must be met and verified for candidates to be eligible to take the CLTM Exam:

- 1) One year as an R. EEG T.
and
- 2) One year of monitoring experience

2008 = 87 candidates; 69% passed (One Administration)

2009 = 57 candidates; 47% passed

2010 = 48 candidates; 58% passed

2011 = 38 candidates; 50% passed

Education

18% (7) of candidates had high school as their highest education level and had a pass rate of 57%.

42% (16) of candidates had Vo-tech/Associate degree and had a pass rate of 51%.

16% (6) of candidates had a bachelor's degree and had a 67% pass rate.

1% (4) had an advanced degree and had a pass rate of 50%.

Procedures Performed	2008	2009	2010	2011
Epilepsy Monitoring - Adult	99%	86%	80%	86%
Epilepsy Monitoring - Pediatric	84%	81%	88%	87%
Intraoperative ECOG	76%	56%	52%	60%
Extraoperative Cortical Stim/Mapping	66%	56%	53%	62%
WADA	68%	61%	57%	58%
SPECT Monitoring	70%	37%	45%	46%
PET, Functional MRI, Other	40%	37%	41%	37%
ICU Monitoring	37%	84%	84%	94%
Ambulatory Monitoring	82%	70%	53%	74%

Other Credentials	2008	2009	2010	2011
R. EP T.	46%	40%	50%	35%
CNIM	39%	32%	21%	22%
R. NCS T.	5%	2%	9%	8%
R. PSG T	8%	4%	13%	12%
Other	7%	18%	11%	6%

The most common reasons given for taking the CLTM exam:

- 1 – Professional Advancement
- 2 – Personal Goal
- 3 – Competency Demonstration

ABRET Oral/Practical Exams Candidate Profile and Performance

Oral EEG Exam Statistics

	2005	2006	2007	2008	2009	2010
Number of Candidates	187	177	159	213	244	267
Pass Rate	86 (46%)	86 (49%)	75 (47%)	99 (46%)	127 (52%)	155 (58%)
Recording Concepts Pass Rate	78% 128/164	80% 130/163	76% 107/140	69% 132/192	79% 174/219	71% 167/236
Measurement & Application Pass Rate	72% 107/148	64% 100/156	61% 83/136	65% 116/179	70% 137/195	73% 155/212
Record Review Pass Rate	81% 132/163	80% 122/152	74% 100/136	80% 141/177	77% 163/210	85% 199/234

Oral EP Exam Statistics

	2005	2006	2007	2008	2009	2010
Number of Candidates	38	42	52	64	42	21
Pass Rate	31 (82%)	33 (79%)	31 (60%)	28 (44%)	19 (45%)	11 (52%)
BAEP/VEP				70% 35/80	63% 19/30	64% 9/14
SSEP				55% 30/55	60% 21/35	58% 11/19
AI				60% 31/52	66% 23/35	53% 9/17