American Association of Neuromuscular & Electrodiagnostic Medicine
2621 Superior Drive NW, Rochester, MN 55901 T: 507.288.0100 F: 507.288.1225 www.aanem.org

Electrodiagnostic Self-Assessment Examination (EDXSAE) National Results 2011

Thank you for participating in the 2011 EDXSAE. The purpose of the EDXSAE is to assess performance and to guide self-study. The 2011 exam incorporated broad scope questions with variable difficulty. AANEM offers several references and educational products to support your work with EDX and NM medicine. After review of the 2011 test results, the EDXSAE Committee removed question 23 as the muscle could not be clearly identified.

Thank you again for participating in our 2011 EDXSAE.

AANEM Education Department
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Results 2011: Electrodiagnostic Self-Assessment Examination (EDXSAE) combined

Level: Combined	Number of Students	Number of Questions	Max Score	Percent	Min Score	Percent	Mean Score	Percent	Std Dev
Anatomy	707	18	18	100.00%	1	5.56%	12.11	67.28%	3.86
Autonomic	707	5	5	100.00%	0	0.00%	2.00	40.00%	1.36
Clinical	707	13	13	100.00%	1	7.69%	7.62	58.62%	2.51
EMG	707	11	11	100.00%	1	9.09%	6.96	63.27%	2.15
Ethics	707	5	5	100.00%	1	20.00%	3.54	70.80%	0.81
NCS	707	18	18	100.00%	1	5.56%	11.13	61.83%	3.54
Physiology	707	11	11	100.00%	0	0.00%	7.37	67.00%	2.27
SEP	707	5	5	100.00%	0	0.00%	2.52	50.40%	1.39
Technical	707	6	6	100.00%	0	0.00%	3.35	55.83%	1.41
Video Clips	707	49	45	91.83%	11	22.45%	31.06	63.39%	6.07
Overall	**707**	**149**	**144**	**96.64%**	**41**	**27.52%**	**92.47**	62.06%	**20.55**

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Results 2011: Electrodiagnostic Self-Assessment Examination (EDXSAE) by level

Level: 0-3 Months	Number of Students	Number of Questions	Max Score	Percent	Min Score	Percent	Mean Score	Percent	Std Dev
Anatomy	329	18	18	100.00%	1	5.56%	10.82	60.11%	3.93
Autonomic	329	5	5	100.00%	0	0.00%	1.82	36.40%	1.31
Clinical	329	13	13	100.00%	1	7.69%	6.69	51.46%	2.37
EMG	329	11	11	100.00%	1	9.09%	6.14	55.82%	2.12
Ethics	329	5	5	100.00%	1	20.00%	3.53	70.60%	0.85
NCS	329	18	18	100.00%	1	5.56%	9.74	54.11%	3.45
Physiology	329	11	11	100.00%	0	0.00%	6.54	59.45%	2.32
SEP	329	5	5	100.00%	0	0.00%	2.21	44.20%	1.40
Technical	329	6	6	100.00%	0	0.00%	3.04	50.67%	1.34
Video Clips	329	49	43	89.75%	11	22.45%	28.65	58.47%	6.01
Overall	**329**	**149**	**132**	**88.59%**	**41**	**27.52%**	**83.53**	56.06%	**19.59**

Level: 4 - 6 Months	Number of Students	Number of Questions	Max Score	Percent	Min Score	Percent	Mean Score	Percent	Std Dev
Anatomy	248	18	18	100.00%	2	11.11%	13.20	73.33%	3.53
Autonomic	248	5	5	100.00%	0	0.00%	1.88	37.60%	1.39
Clinical	248	13	13	100.00%	1	7.69%	8.08	62.15%	2.28
EMG	248	11	11	100.00%	2	18.18%	7.44	67.64%	1.89
Ethics	248	5	5	100.00%	1	20.00%	3.53	70.60%	0.78
NCS	248	18	18	100.00%	3	16.67%	11.92	66.22%	3.11
Physiology	248	11	11	100.00%	2	18.18%	7.92	72.00%	2.02
SEP	248	5	5	100.00%	0	0.00%	2.56	51.20%	1.26
Technical	248	6	6	100.00%	0	0.00%	3.52	58.67%	1.43
Video Clips	248	49	45	91.83%	15	30.61%	32.71	66.76%	5.26
Overall	**248**	**149**	**132**	**88.59**	**50**	**33.56**	**97.59**	65.50%	**17.89**

Level: 7+ Months	Number of Students	Number of Questions	Max Score	Percent	Min Score	Percent	Mean Score	Percent	Std Dev
Anatomy	122	18	18	100.00%	3	16.67%	13.25	73.61%	3.26
Autonomic	122	5	5	100.00%	0	0.00%	2.62	52.40%	1.29
Clinical	122	13	13	100.00%	2	15.38%	9.03	69.46%	2.32
EMG	122	11	11	100.00%	4	36.36%	8.05	73.18%	1.93
Ethics	122	5	5	100.00%	2	40.00%	3.64	72.80%	0.75
NCS	122	18	18	100.00%	4	22.22%	13.02	72.33%	3.06
Physiology	122	11	11	100.00%	3	27.27%	8.36	76.00%	1.85
SEP	122	5	5	100.00%	0	0.00%	3.16	63.20%	1.31
Technical	122	6	6	100.00%	0	0.00%	3.71	61.83%	1.40
Video Clips	122	49	45	91.83%	19	38.78%	33.93	69.24%	5.29
Overall	**122**	**149**	**144**	**96.64%**	**66**	**44.30%**	**104.65**	70.23%	**17.56**

Level: Practicing Physician	Number of Students	Number of Questions	Max Score	Percent	Min Score	Percent	Mean Score	Percent	Std Dev
Anatomy	8	18	17	94.44%	11	61.11%	14	77.78%	2
Autonomic	8	5	4	80.00%	2	40.00%	3	60.00%	0.76
Clinical	8	13	12	92.31%	5	38.46%	9.63	74.08%	2.07
EMG	8	11	10	90.91%	8	72.73%	9.13	83.00%	0.83
Ethics	8	5	4	80.00%	2	40.00%	3.13	62.60%	0.83
NCS	8	18	18	100.00%	14	77.78%	15.63	86.83%	1.60
Physiology	8	11	11	100.00%	7	63.64%	9.00	81.82%	1.41
SEP	8	5	5	100.00%	4	80.00%	4.50	90.00%	0.53
Technical	8	6	6	100.00%	3	50.00%	4.75	79.17%	1.04
Video Clips	8	49	41	83.67%	23	46.94%	35.13	71.69%	5.59
Overall	**8**	**149**	**129**	**86.58%**	**91**	**61.07%**	**115**	77.18%	**11.66**