



Electrodiagnostic Self-Assessment Examination (EDXSAE) National Results 2018

Thank you for participating in the 2018 EDXSAE. The purpose of the EDXSAE is to assess performance and to guide self-study. The 2018 exam incorporated broad scope questions with variable difficulty. After review of the 2018 test results, no questions were removed.

Thank you again for participating in our 2018 EDXSAE.

AANEM Education Department

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Results 2018: 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	737	21	21	100.00%	2	9.52%	11.98	57.06%	3.48
Autonomic	737	2	2	100.00%	0	0.00%	1.19	59.29%	0.71
Clinical	737	14	14	100.00%	2	14.29%	8.24	58.83%	2.37
EMG	737	21	21	100.00%	4	19.05%	13.65	65.01%	3.61
Ethics	737	2	2	100.00%	0	0.00%	1.58	78.90%	0.53
NCS	737	15	15	100.00%	1	6.67%	8.46	56.43%	2.67
Pathophysiology	737	15	15	100.00%	2	13.33%	8.51	56.75%	2.77
Instrumentation	737	10	10	100.00%	1	10.00%	5.78	57.77%	1.96
Video Clips	737	50	48	96.00%	11	22.00%	31.50	65.62%	6.66
Overall	737	150	143	95.33%	29	19.33%	90.88	63.55%	19.86



Results 2018: 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	336	21	19	90.48%	2	9.52%	10.70	50.95%	3.37
Ultrasound	336	2	2	100.00%	0	0.00%	1.04	52.08%	0.71
Clinical	336	14	14	100.00%	2	14.29%	7.35	52.53%	2.28
EMG	336	21	21	100.00%	4	19.05%	12.04	57.31%	3.60
Ethics	336	2	2	100.00%	0	0.00%	1.56	78.13%	0.55
NCS	336	15	15	100.00%	1	6.67%	7.32	48.81%	2.55
Pathophysiology	336	15	15	100.00%	2	13.33%	7.46	49.72%	2.59
Instrumentation	336	10	10	100.00%	1	10.00%	5.16	51.64%	1.90
Video Clips	336	50	48	96.00%	11	22.00%	28.63	57.26%	6.54
Overall	336	150	143	95.33%	29	19.33%	81.27	54.18%	18.53

Level: 4 - 6 Months	Number of Students	Number of Questions	Max Score	Percent	Min Score	Percent	Mean Score	Percent	Std Dev
Anatomy	276	21	20	95.24%	4	19.05%	12.54	59.70%	3.09
Ultrasound	276	2	2	100.00%	0	0.00%	1.26	63.04%	0.67
Clinical	276	14	13	92.86%	2	14.29%	8.55	61.08%	2.19
EMG	276	21	20	95.24%	5	23.81%	14.57	69.39%	2.89
Ethics	276	2	2	100.00%	0	0.00%	1.58	79.17%	0.51
NCS	276	15	14	93.33%	3	20.00%	9.03	60.19%	2.35
Pathophysiology	276	15	15	100.00%	3	20.00%	8.78	58.50%	2.39
Instrumentation	276	10	10	100.00%	1	10.00%	6.12	61.20%	1.88
Video Clips	276	50	46	92.00%	18	36.00%	32.97	65.94%	5.39
Overall	276	150	136	90.67%	55	36.67%	95.40	63.60%	16.09

Level: 7+ Months	Number of Students	Number of Questions	Max Score	Percent	Min Score	Percent	Mean Score	Percent	Std Dev
Anatomy	120	21	19	90.48%	4	19.05%	14.17	67.46%	3.09
Ultrasound	120	2	2	100.00%	0	0.00%	1.41	70.42%	0.70
Clinical	120	14	14	100.00%	4	28.57%	9.89	70.65%	1.90
EMG	120	21	21	100.00%	5	23.81%	15.95	75.95%	2.98
Ethics	120	2	2	100.00%	0	0.00%	1.63	81.25%	0.52
NCS	120	15	14	93.33%	2	13.33%	10.19	67.94%	2.18
Pathophysiology	120	15	15	100.00%	4	26.67%	10.72	71.44%	2.54
Instrumentation	120	10	10	100.00%	2	20.00%	6.66	66.58%	1.71
Video Clips	120	50	47	94.00%	16	32.00%	35.85	71.70%	5.79
Overall	120	150	136	90.67%	53	35.33%	106.46	70.97%	16.42

Level: Practicing Physician	Number of Students	Number of Questions	Max Score	Percent	Min Score	Percent	Mean Score	Percent	Std Dev
Anatomy	5	21	21	100.00%	7	33.33%	15.20	72.38%	5.12
Ultrasound	5	2	2	100.00%	0	0.00%	1.40	70.00%	0.89
Clinical	5	14	13	92.86%	8	57.14%	10.40	74.29%	2.30
EMG	5	21	20	95.24%	7	33.33%	16.20	77.14%	5.26
Ethics	5	2	2	100.00%	1	50.00%	1.20	60.00%	0.45
NCS	5	15	14	93.33%	9	60.00%	12.60	84.00%	2.19
Pathophysiology	5	15	15	100.00%	9	60.00%	12.00	80.00%	2.55
Instrumentation	5	10	10	100.00%	2	20.00%	7.00	70.00%	3.39
Video Clips	5	50	47	94.00%	21	42.00%	38.00	76.00%	10.20
Overall	5	150	141	94.00%	64	42.67%	114.00	76.00%	30.14