

# Item Analysis Report

DMED513 Endo Block

## Descriptive Statistics

Number of Candidates:	157	Variance:	30.16
Number of Items:	78	Standard Deviation:	5.49
		Standard Error of Measurement:	3.34
Min Score:	42/78 (54%)	Reliability Measurement:	0.629
Max Score:	71/78 (91%)	Pass Score:	54/78 (69%)
Mean Score:	60/78 (76%)	Pass Rate:	140/157 (89%)

## Discrimination/Difficulty Table

PBIS	> 70											
	60-69											
	50-59											
	40-49											
	30-39				1	2	2	2	1	5		13
	20-29					2	3	1	2	11	7	26
	10-19					1	2	2	3	7	2	17
	0-9		1		2	1	1			7	7	19
	< 0							1		1	1	3
	TOTAL		1		3	6	8	6	6	31	17	78
		0-9	10-19	20-29	30-39	40-49	50-59	60-69	70-79	80-89	> 90	TOTAL
Difficulty Level												

## Pass Rate

	Fail	PM - 2 SEM	PM - 1 SEM	PM + 1 SEM	PM + 2 SEM	Pass
Raw	5	2	10	39	27	74
%	3%	1%	6%	25%	17%	47%

PM = Passing Mark  
SEM = Standard Error of Measurement

## Frequency Distribution

Score	Freq	%-ile	cum-%
42	1	0.32	0.64
43	0	0.64	0.64
44	1	0.96	1.27
45	2	1.91	2.55
46	0	2.55	2.55
47	1	2.87	3.18
48	0	3.18	3.18
49	0	3.18	3.18
50	2	3.82	4.46
51	3	5.41	6.37
52	6	8.28	10.19
53	1	10.51	10.83
54	8	13.38	15.92
55	10	19.11	22.29
56	9	25.16	28.03
57	12	31.85	35.67
58	10	38.85	42.04
59	5	43.63	45.22
60	12	49.04	52.87
61	13	57.01	61.15
62	8	63.69	66.24
63	10	69.43	72.61
64	15	77.39	82.17
65	7	84.39	86.62
66	6	88.54	90.45
67	4	91.72	92.99
68	5	94.59	96.18
69	3	97.13	98.09
70	2	98.73	99.36
71	1	99.68	100.00

## Item Statistics

Item ID	Key	Difficulty	PBIS	Mode Choice	Count	Variance	Option Count			
							1	2	3	4
HOMER_QUIZ_1054274	4	89%	0.08	4	157	0.10	2	3	13	139
HOMER_QUIZ_1054275	4	87%	0.04	4	157	0.12	18	0	3	136
HOMER_QUIZ_1054276	4	66%	0.17	4	157	0.22	1	51	1	104
HOMER_QUIZ_1054277	2	87%	0.10	2	157	0.12	17	136	0	4
HOMER_QUIZ_1054278	1	89%	0.23	1	157	0.10	139	3	15	
HOMER_QUIZ_1054280	4	88%	0.23	4	157	0.11	8	8	3	138
HOMER_QUIZ_1054281	1	99%	0.04	1	157	0.01	156	0	0	1
HOMER_QUIZ_1054282	1	86%	0.06	1	157	0.12	135	0	11	11
HOMER_QUIZ_1054283	3	76%	0.32	3	157	0.18	2	1	120	34
HOMER_QUIZ_1054284	3	36%	0.08	1	157	0.23	86	11	57	3
HOMER_QUIZ_1054285	2	69%	0.35	2	156	0.21	37	108	5	6
HOMER_QUIZ_1054286	1	91%	0.08	1	157	0.08	143	3	7	4
HOMER_QUIZ_1054287	4	96%	0.22	4	157	0.04	0	1	5	151
HOMER_QUIZ_1054288	1	89%	0.17	1	157	0.10	139	6	12	
HOMER_QUIZ_1054289	2	68%	0.19	2	157	0.22	1	106	4	46
HOMER_QUIZ_1054290	4	60%	0.17	4	157	0.24	34	16	13	94
HOMER_QUIZ_1054291	4	51%	0.28	4	157	0.25	54	21	2	80
HOMER_QUIZ_1054292	2	83%	0.27	2	157	0.14	4	131	5	17
HOMER_QUIZ_1054293	4	96%	0.22	4	157	0.04	0	6	0	151
HOMER_QUIZ_1054294	3	75%	0.19	3	157	0.19	7	13	117	20
HOMER_QUIZ_1054295	4	97%	-0.03	4	157	0.02	1	0	3	153
HOMER_QUIZ_1054296	3	93%	0.07	3	157	0.07	2	9	146	
HOMER_QUIZ_1054297	3	99%	0.21	3	157	0.01	1	0	155	1
HOMER_QUIZ_1054298	4	85%	0.15	4	157	0.13	5	0	19	133
HOMER_QUIZ_1054299	3	90%	0.24	3	157	0.09	4	5	142	6
HOMER_QUIZ_1054302	1	85%	0.27	1	157	0.13	133	5	7	12
HOMER_QUIZ_1054303	4	98%	0.01	4	157	0.02	2	0	1	154
HOMER_QUIZ_1054304	2	91%	0.17	2	157	0.08	3	143	0	11
HOMER_QUIZ_1054305	4	45%	0.33	4	157	0.25	40	47	0	70
HOMER_QUIZ_1054306	4	87%	0.10	4	157	0.12	11	7	3	136
HOMER_QUIZ_1054307	3	73%	0.13	3	157	0.20	9	33	115	
HOMER_QUIZ_1054309	1	88%	0.39	1	157	0.11	138	3	9	7
HOMER_QUIZ_1054310	3	41%	0.26	4	157	0.24	10	7	64	76
HOMER_QUIZ_1054311	2	82%	0.31	2	157	0.15	25	128	2	2
HOMER_QUIZ_1054312	3	89%	0.05	3	157	0.10	3	7	140	7
HOMER_QUIZ_1054313	3	73%	0.24	3	157	0.20	1	40	114	2
HOMER_QUIZ_1054314	4	55%	0.08	4	157	0.25	7	6	58	86
HOMER_QUIZ_1054315	3	100%	0.00	3	157	0.00	0	0	157	
HOMER_QUIZ_1054316	1	81%	0.09	1	157	0.15	127	0	5	25
HOMER_QUIZ_1054317	2	84%	0.28	2	157	0.13	16	132	0	9
HOMER_QUIZ_1054318	3	83%	0.24	3	157	0.14	14	7	130	6
HOMER_QUIZ_1054319	1	62%	0.25	1	157	0.24	97	51	0	9
HOMER_QUIZ_1054321	4	68%	-0.11	4	157	0.22	0	51	0	106
HOMER_QUIZ_1054322	3	99%	0.02	3	157	0.01	0	1	156	
HOMER_QUIZ_1054323	2	72%	0.13	2	157	0.20	2	113	32	10
HOMER_QUIZ_1054324	3	85%	0.28	3	157	0.13	9	13	134	1
HOMER_QUIZ_1054325	4	83%	0.28	4	157	0.14	16	11	0	130
HOMER_QUIZ_1054326	3	88%	0.29	3	157	0.11	5	8	138	6
HOMER_QUIZ_1054327	2	89%	0.14	2	157	0.10	0	140	12	5
HOMER_QUIZ_1054328	4	71%	0.22	4	157	0.20	11	21	13	112
HOMER_QUIZ_1054329	4	97%	0.25	4	157	0.03	5	0	0	152
HOMER_QUIZ_1054330	2	42%	0.02	2	157	0.24	61	66	13	17

## Item Statistics

Item ID	Key	Difficulty	PBIS	Mode Choice	Count	Variance	Option Count			
							1	2	3	4
HOMER_QUIZ_1054331	4	48%	0.26	4	157	0.25	67	6	8	76
HOMER_QUIZ_1054332	4	89%	0.23	4	157	0.10	11	2	4	140
HOMER_QUIZ_1054333	2	38%	0.07	3	157	0.23	4	59	79	15
HOMER_QUIZ_1054334	3	18%	0.02	4	157	0.15	3	25	28	101
HOMER_QUIZ_1054335	4	99%	0.04	4	157	0.01	1	0	0	156
HOMER_QUIZ_1054344	2	48%	0.34	2	157	0.25	6	75	49	27
HOMER_QUIZ_1054345	2	82%	0.20	2	157	0.15	8	128	6	15
HOMER_QUIZ_1054346	1	56%	0.22	1	157	0.25	88	31	26	12
HOMER_QUIZ_1054347	4	41%	0.14	4	157	0.24	6	25	61	65
HOMER_QUIZ_1054348	4	87%	0.35	4	157	0.11	12	7	1	137
HOMER_QUIZ_1054349	3	87%	0.25	3	157	0.11	0	0	137	20
HOMER_QUIZ_1054350	3	89%	0.01	3	157	0.10	10	1	140	6
HOMER_QUIZ_1054351	1	90%	0.21	1	157	0.09	142	0	6	9
HOMER_QUIZ_1054352	4	96%	0.25	4	157	0.04	5	0	1	151
HOMER_QUIZ_1054300	2	51%	0.13	2	157	0.25	54	80	18	5
HOMER_QUIZ_1054301	4	83%	0.33	4	157	0.14	13	13	0	131
HOMER_QUIZ_1054336	3	37%	0.31	3	157	0.23	44	34	58	21
HOMER_QUIZ_1054337	2	86%	0.36	2	157	0.12	9	135	9	4
HOMER_QUIZ_1054338	3	59%	0.33	3	157	0.24	23	37	93	4
HOMER_QUIZ_1054339	3	87%	0.18	3	157	0.11	17	2	137	1
HOMER_QUIZ_1054340	1	86%	-0.03	1	157	0.12	135	8	10	4
HOMER_QUIZ_1054341	4	62%	0.36	4	157	0.24	6	17	37	97
HOMER_QUIZ_1054342	4	99%	0.18	4	157	0.01	2	0	0	155
HOMER_QUIZ_1054343	1	57%	0.32	1	157	0.24	90	64	3	
HOMER_QUIZ_1054353	1	52%	0.26	1	157	0.25	81	61	12	3
HOMER_QUIZ_1054354	2	82%	0.20	2	157	0.15	22	128	0	7