

An IPEC Competency Framework to Assess Student Learning During Clinical Rotations Utilizing a Web-based Preceptor Evaluation Instrument

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Introduction

Students on rotation interact with various interprofessional disciplines while caring for patients in clinical settings. Since 2012 Lincoln Memorial University – DeBusk College of Osteopathic Medicine (LMU-DCOM) has been measuring those interactions using IPEC competencies as a framework through preceptor evaluation. The developed instrument and aggregated, de-identified student performance data by IPEC competency is shown.

Methods/Results

Student performance data is collected using a web-based Preceptor student evaluation instrument completed at the end of each rotation. The instrument contains four (4) questions pertaining to interprofessional education and collaborative practice (IPEC) competencies. Preceptor evaluation is used to determine whether the student has successfully met the IPE outcomes of the rotation.

Conclusions

Collecting student performance data by IPEC competency from Preceptor student evaluations has been a useful source of data to gauge student progression toward interprofessional collaborative practice and teamwork pre-entrustability. Further analysis for gaps and potential improvement is ongoing.

3rd Year Results



9. Communication Effectively and appropriately communicated with patients and other members of the health-care team				
Average Score	Minimum Maximum	Applicable Answers	Scale	
2.90	1 3	1543	1 to 3	
Answer Value	Answer Choices	Answer Count	Percent of All Answers	
0	Not relevant to practice setting	13	0.84%	
3	Always Performed (Excellent)	1398	89.85%	
2	Usually Performed (Competent)	137	8.80%	
1	Infrequently Performed (Inadequate)	8	0.51%	

10. Teamwork Skills Made herself/himself a useful, productive and dependable member of the health-care team Demonstrated initiative, leadership and respect within health-care team				
Average Score	Minimum Maximum	Applicable Answers	Scale	
2.91	1 3	1547	1 to 3	
Answer Value	Answer Choices	Answer Count	Percent of All Answers	
0	Not relevant to practice setting	9	0.58%	
3	Always Performed (Excellent)	1423	91.45%	
2	Usually Performed (Competent)	110	7.07%	
1	Infrequently Performed (Inadequate)	14	0.90%	

12. Interpersonal Skills Showed respect, consideration, concern and empathy for patients Interacted with patients and/or other health-care team members in ways that enhanced patient care				
Average Score	Minimum Maximum	Applicable Answers	Scale	
2.93	1 3	1553	1 to 3	
Answer Value	Answer Choices	Answer Count	Percent of All Answers	
0	Not relevant to practice setting	3	0.19%	
3	Always Performed (Excellent)	1448	93.06%	
2	Usually Performed (Competent)	103	6.62%	
1	Infrequently Performed (Inadequate)	2	0.13%	

13. Ethics Treated patients and other members of the health care team in an honest and ethical manner Maintained the confidentiality of medical and personal information				
Average Score	Minimum Maximum	Applicable Answers	Scale	
2.95	1 3	1554	1 to 3	
Answer Value	Answer Choices	Answer Count	Percent of All Answers	
0	Not relevant to practice setting	2	0.13%	
3	Always Performed (Excellent)	1483	95.31%	
2	Usually Performed (Competent)	70	4.50%	
1	Infrequently Performed (Inadequate)	1	0.06%	



4th Year Results

9. Communication Effectively and appropriately communicated with patients and other members of the health-care team				
Average Score	Minimum Maximum	Applicable Answers	Scale	
2.88	1 3	1782	1 to 3	
Answer Value	Answer Choices	Answer Count	Percent of All Answers	
0	Not relevant to practice setting	14	0.78%	
3	Always Performed (Excellent)	1578	87.86%	
2	Usually Performed (Competent)	198	11.02%	
1	Infrequently Performed (Inadequate)	6	0.33%	

10. Teamwork Skills Made herself/himself a useful, productive and dependable member of the health-care team Demonstrated initiative, leadership and respect within health-care team				
Average Score	Minimum Maximum	Applicable Answers	Scale	
2.90	1 3	1781	1 to 3	
Answer Value	Answer Choices	Answer Count	Percent of All Answers	
0	Not relevant to practice setting	15	0.84%	
3	Always Performed (Excellent)	1612	89.76%	
2	Usually Performed (Competent)	164	9.13%	
1	Infrequently Performed (Inadequate)	5	0.28%	

12. Interpersonal Skills Showed respect, consideration, concern and empathy for patients Interacted with patients and/or other health-care team members in ways that enhanced patient care				
Average Score	Minimum Maximum	Applicable Answers	Scale	
2.92	1 3	1791	1 to 3	
Answer Value	Answer Choices	Answer Count	Percent of All Answers	
0	Not relevant to practice setting	5	0.28%	
3	Always Performed (Excellent)	1644	91.54%	
2	Usually Performed (Competent)	145	8.07%	
1	Infrequently Performed (Inadequate)	2	0.11%	

13. Ethics Treated patients and other members of the health care team in an honest and ethical manner Maintained the confidentiality of medical and personal information				
Average Score	Minimum Maximum	Applicable Answers	Scale	
2.94	1 3	1790	1 to 3	
Answer Value	Answer Choices	Answer Count	Percent of All Answers	
0	Not relevant to practice setting	6	0.33%	
3	Always Performed (Excellent)	1685	93.82%	
2	Usually Performed (Competent)	104	5.79%	
1	Infrequently Performed (Inadequate)	1	0.06%	