

COMPETENCE ANALYSIS

ANALYSIS OF CHANGES IN LEARNERS AS A RESULT OF THE EDUCATIONAL ACTIVITY
Pulmonary Division – Community Chest Conference

C 11: The provider analyzes changes in learners (competence, performance, or patient outcomes) achieved as a result of the overall program's activities/educational interventions.

Self study	Evaluation Result	Conclusion	Improvement proposed
How did you evaluate the activity? What are the formats? 1) Intent to change evaluation survey 2) Post lecture survey of performance	- Collected evaluations at the end of the conference - Collected samples of post-lecture 6 month data. - This year we automated the post-lecture survey process via SurveyMonkey such that we can organize the data in a better fashion.	Improvement in competency of learner audience.	On track with current methods
Did evaluation of the activity tell you if changes have occurred as a result of activity?	Yes (see attached SurveyMonkey data)	Change seen in feedback from conference attendees.	Encourage more post-lecture responses from attendees.
What are the changes in Competence (knowledge application)	Increased knowledge base and awareness of the topics in question. E.g. Recognition of the entity of IgG4 related lung disease	Clinicians' differential diagnoses for pulmonary diseases and understanding of current therapeutic strategies have improved.	Continue to identify needs for improved pulmonary knowledge application.
What are the changes in performance	N/A	N/A	N/A
What are the changes in patient outcome occurred	N/A	N/A	N/A
How did the change close the professional practice gap	By increasing provider knowledge	Increased recognition and management of complex Pulmonary/Critical Care cases	Continue to identify areas which need change and/or improvement.
Did the changes meet the objectives or the expected outcomes of the mission statement? How?	Yes, there were changes in acquisition of knowledge.	These changes were in line with the original objectives	With more responses we will obtain data into higher yield topics for the learner audience.

**COMPETENCE ANALYSIS
SUMMARY**

Department of Medicine Grand Rounds

Post CME activity analysis 2015

In compliance with **Criterion 11** (evaluations and outcomes), we performed three (3) random 3-6 month post activity surveys for the impact of the activity on their competence and performance. The survey was sent via email to the learners. We surveyed learners regarding the impact of these activities on their competence relative to each specific objective that was prospectively identified by the presenter. The survey was conducted as two simple questions as follows:

1. Do you feel your competence, practice performance or patient care outcomes in this area has improved as a result of attending this activity? Yes or No
2. Please list at least one example of improved competence, practice performance, patient care outcomes in reference to the learning objectives of the activity.

We had a total of 14 participants respond to the 3 post activity surveys:

14/14 respondents answered "yes" to question 1

Post activity survey: Recent advances in assessing and treating Alzheimer's and Related Dementias

For question 2:

Respondent states: "Better able to differentiate amongst the different types of dementia and learned about updates in dementia diagnosis." And "I feel better equipped to recognize other forms of dementia besides Alzheimer's."

Post activity survey: Complex Adult Congenital Heart Disease (ACHD)

For question 2:

Respondent states: "I feel more confident in recognizing congenital heart disease and distinguishing complex from mild congenital heart disease." And "More awareness about adults who survived congenital heart disease and their need for ongoing care and potential complications down the road."

Post activity survey: CT or no CT? an overview of current national lung cancer screening guidelines and associated barriers affecting implementation

Respondents states: "I am More aware of screening options (or lack thereof). When patients ask, I can give a more informed opinion." And "Helped me identify patients that would qualify for LDCT." As well as "better awareness and understanding of who to screen with low dose CT scans (annual screening for adults 55-80 yrs old with 30 pack-yr smoking history and who are currently smoking or have quit within past 15 yrs)"

Criterion 12 The provider gathers data or information and conducts a program-based analysis on the degree to which the CME mission of the provider has been met through the conduct of CME

Analysis:

1. Need to improve the mechanism and ease of feedback by the participants
2. Improve the percentage of feedback obtained
3. Improve response of post lecture surveys