

Complexity of eCare planning supports the use of multiple classroom activities to build students' knowledge, skill-based competency, and confidence.



Introduction and Objective

The Pharmacist eCare Plan (PeCP) is a documentation standard that allows for interoperability between clinically integrated networks, healthcare providers, and payers.

Objective: Assess students' knowledge, confidence and performance documenting interventions utilizing the PeCP for a self-care course at two institutions.

Methodology

Activity Description

Asynchronous PeCP presentation

In-class group activity PioneerRx

Individual assignment PioneerRx

Assessment

Knowledge
• Based on PeCP presentation
• Pre- and Post-activity survey

Confidence
• Course-long
• Pre- and Post-activity survey

Skills-based competency
• Course-long
• Graded assignment with rubric

Pre- and Post-Activity Survey

Gained Experience eCare Planning

4% of participants before → 100% of participants after

Increased Knowledge

Student Survey Knowledge Questions	Correct Post-Survey	Percent Change
What is the purpose of eCare plans?	69 (90.8%)	39.5% (p<0.0001)
Which of the following statements are TRUE regarding the differences between eCare Plans and SOAP notes? (select all that apply)	26 (34.2%)	19.7% (P=0.0006)

Boosted Self-Rated Confidence in Skills

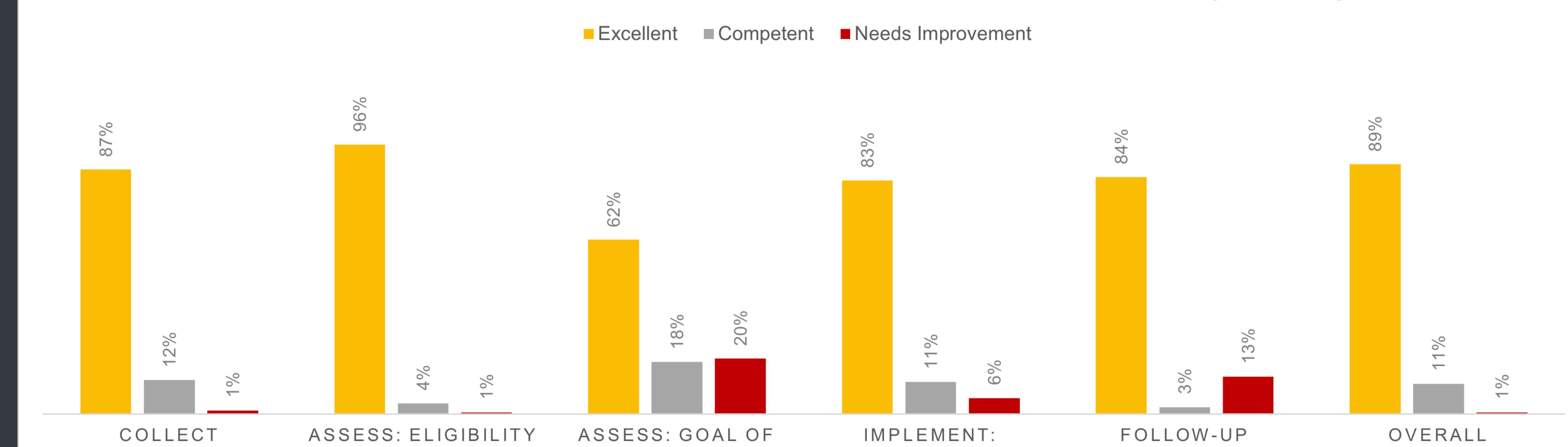
Self-Rated Confidence in Skill	Post-survey	Difference
Identify all the health concern(s) for a patient	4(3, 5)	1(1, 2)
Develop a goal regarding a health concern for a patient	4(4, 5)	2(1, 2)
Select the SNOMED code for each intervention	4(3, 4)	2(1, 3)
Identify the encounter type	4(3, 4)	2(1, 3)
Document a note for each intervention	4(3, 5)	2(1, 3)

* Likert scale 1 to 5, 1=very low confidence, 5=very high confidence

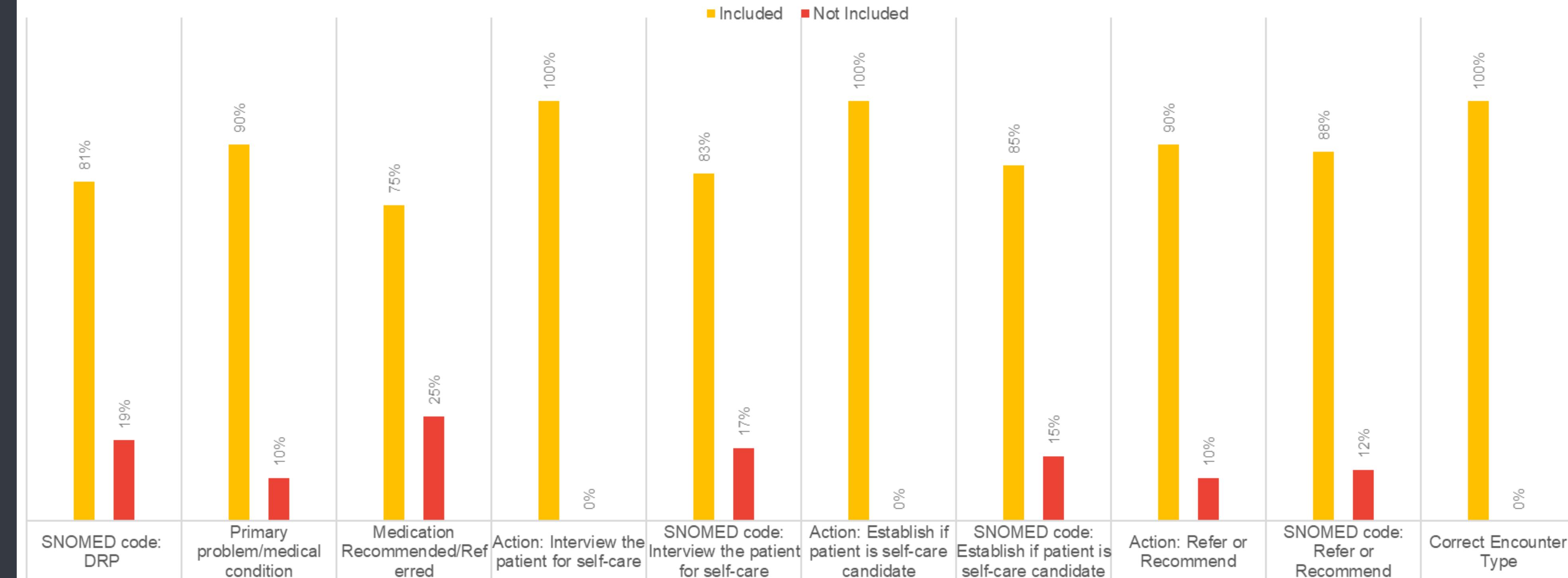
Results

eCare Planning Performance in Documentation

ECARE PLAN NOTES - STUDENT PERFORMANCE (N=157)



ECARE PLAN COMPONENTS - STUDENT PERFORMANCE (N=157)



Implementation and Evaluation of the Pharmacist eCare Plan in a Self-Care Course