

CONGRÈS DES PHARMACIENS DU CANADA

Determining Key Quality Assurance Indicators for Advanced Pharmacy Practice Experiences Placement Site Visits

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INTRODUCTION

- Experiential learning is a key component in the pharmacy curriculum as it allows students to apply their learning in realworld situations
- Pharmacy schools need to ensure that students are not only gaining more hours during their practicum but also are receiving quality education
- The PharmD curriculum involves earlier and greater exposure to experiential learning compared to the BScPharm curriculum ¹
- Due to lack of standardization, students and preceptors have reported adverse factors at practice sites ^{2,3,4}
- Creation of Key Quality Assurance Indicators (KQAIs) for Advanced Pharmacy Practice Experiences (APPE) site visits will enable pharmacy schools to identify areas of improvement

OBJECTIVES

- To generate a consensus for Key Quality Assurance Indicators (KQAIs) for APPE site visits from Canadian pharmacy schools
- To suggest an algorithm for APPE site visits for QA purposes
- To increase awareness of the benefits of implementing standardized policy and procedures of KQAIs for APPE site visits

METHOD



- Pharmacy Experiential Programs of Canada (PEP-C) is an Association of Faculties of Pharmacy of Canada (AFPC) affiliated committee established to enhance pharmacy experiential education in Canada ⁵
- We suggested 4 categories of KQAIs to PEP-C members ⁶



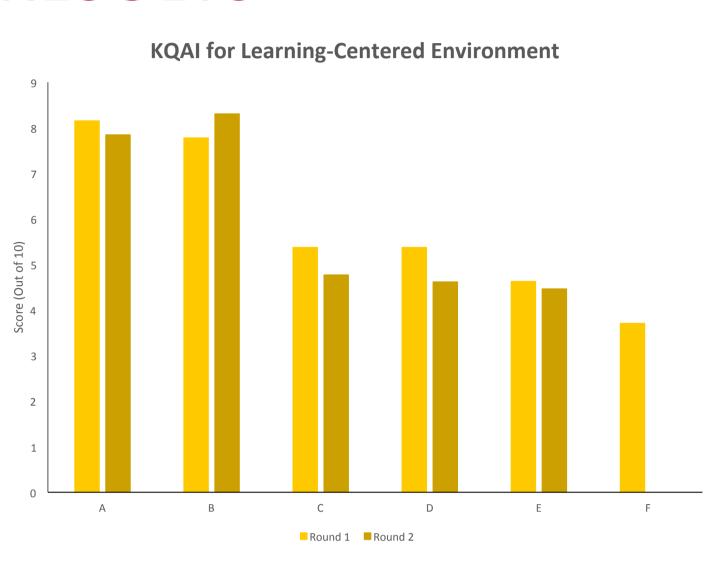
Preceptor-Related

Student-Related Indicators

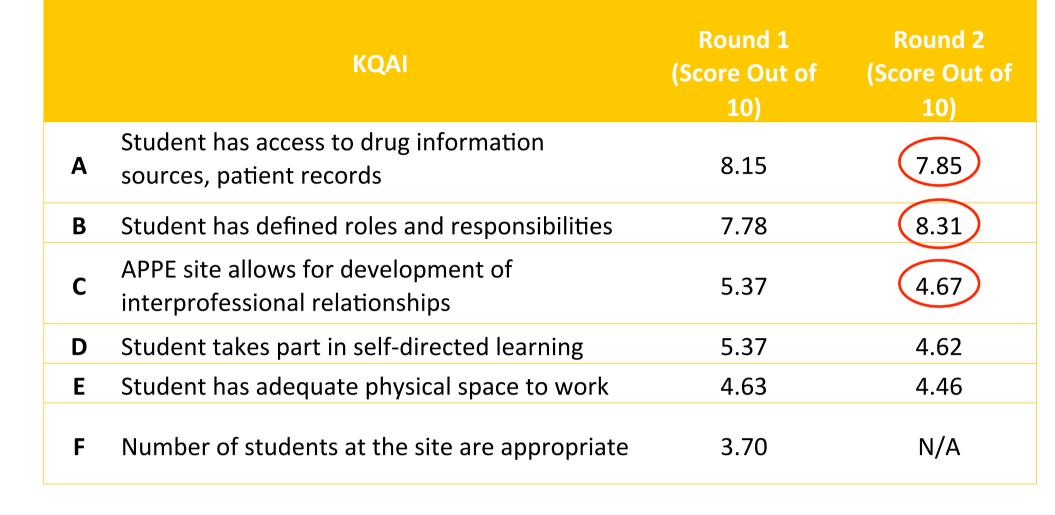


- We asked PEP-C members to rank KQAIs from the most important to the least important
- Scores were standardized to a denominator of 10 to facilitate comparisons between Round 1 and Round 2 Delphi survey results
- The least important KQAI from each category was eliminated from Round 2 of our Delphi survey

RESULTS



KQAI - Student Related Indicators



KQAI

Student provides education and counseling

patients on prescription and over-the-counter

Student is involved in expanded scope of

D Student is involved in documentation

Student is involved in all aspects of

pharmaceutical care process

(OTC) medications

practice activities

Round 1

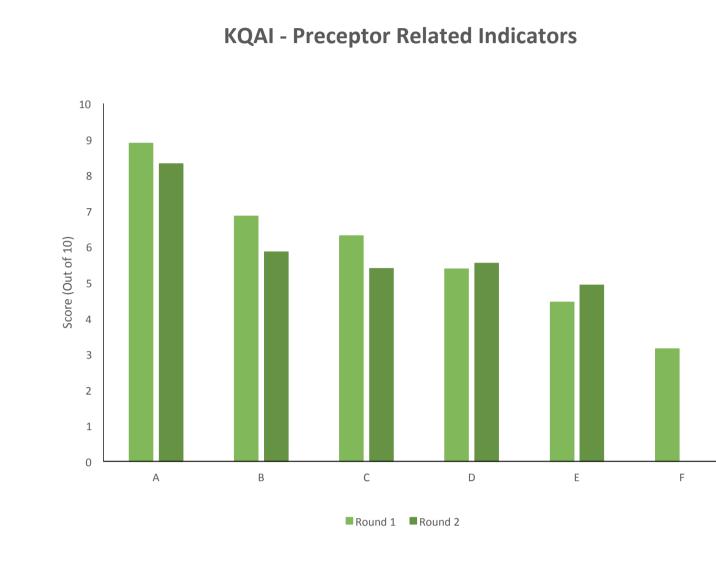
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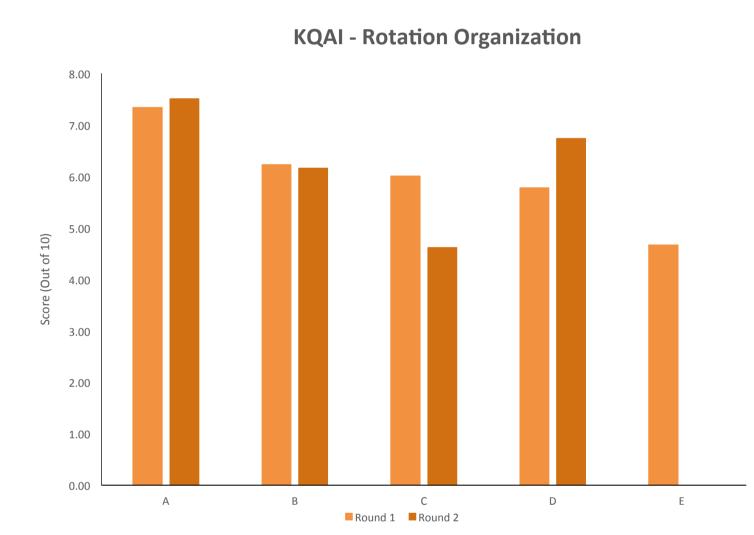
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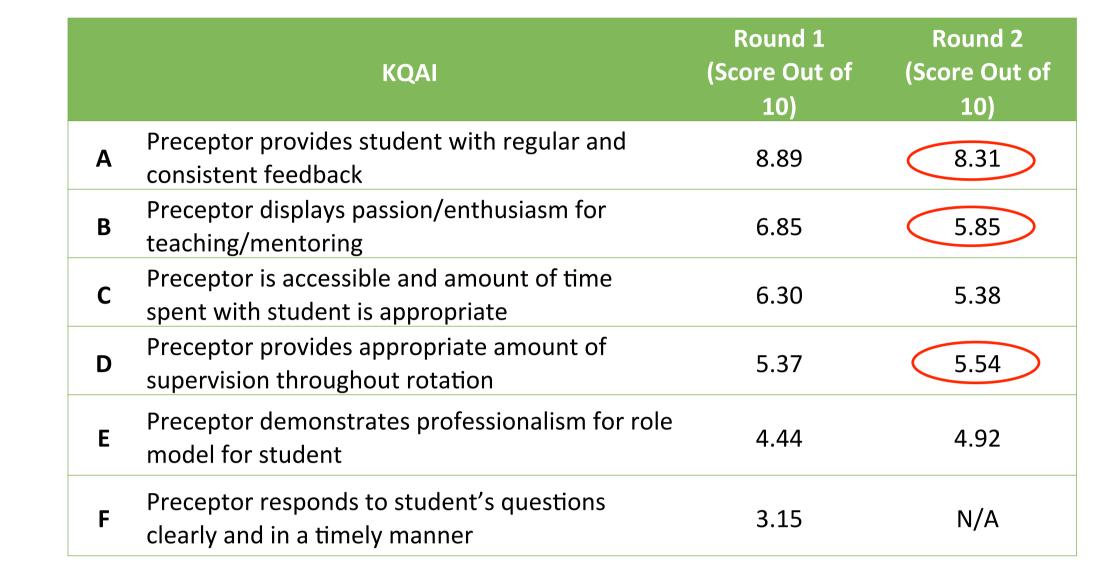
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4.17







	KQAI	Round 1 (Score Out of 10)	Round 2 (Score Out of 10)
Α	There are clear learning objectives	7.33	7.50
В	Activities and projects are planned to meet and fulfill learning objectives	6.22	6.15
С	Staff members are supportive of APPE program and student	6.00	4.62
D	There is written midpoint and final evaluation with specific examples of student behaviour used in evaluation of performance	5.78	6.73
E	Standard orientation/training is provided	4.67	N/A



- At least 1 PEP-C member from each pharmacy school / faculty responded to our Delphi surveys
- 33% of faculties do not perform site visits or only perform them when required
- 33% of faculties visit less than 5% of APPE sites each year
- 22% of schools visit 5 20% of APPE sites each year
- Only 1 school visits almost 60% of their APPE sites each year

Learning-Centered Environment

Round 2

(Score Out of

9.74

5.38

4.87

N/A

- Student has access to drug information sources, patient records
- Student has defined roles and responsibilities

Preceptor-Related Indicators

- Preceptor provides student with regular and consistent feedback
- Preceptor displays passion/enthusiasm for teaching/mentoring

Student-Related Indicators

- Student is involved in all aspects of pharmaceutical care process Student provides education and counseling on prescription and OTC
- medications

Placement/Rotation Organization-Related Indicators

- There are clear learning objectives • There is written midpoint and final evaluation with specific examples of
- student behaviour used in evaluation of performance
- Activities and projects are planned to meet and fulfill learning objectives



Non-Exemplary sites to progress to Exemplary

Remedial Training for Non-Exemplary Sites

- Proactive site visits every 3-5 years (greater frequency if needed)
- Response and action to complaints as required
- Remedial training to find common areas of improvement, develop solutions and strengthen faculty-site relationships

CONCLUSIONS

- There is a current lack of pro-active APPE site visits for quality assurance purposes
- Quality assurance of APPE sites is required to identify exemplary, learnercentered, and non-exemplary APPE sites
- An APPE site visit checklist will help pharmacy schools/faculties identify areas of improvement in APPE sites
- The Office of Experiential Education of pharmacy schools/faculties need to strengthen relationships with APPE sites to:
- Encourage exemplary sites to maintain their status
- Coach non-exemplary sites to become exemplary

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