

PREPARING MEDICAL AND PHYSICAL THERAPY STUDENTS FOR COLLABORATIVE PRACTICE AND IMPROVED DECISION-MAKING

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OBJECTIVES

- Outline our interprofessional collaborative practice workshop
- Report pre and post workshop outcomes related to student perceptions and clinical decision-making
- Discuss lessons learned and areas of future growth for collaborative practice workshops

ADVANCED COLLABORATIVE CARE WORKSHOP

3rd IPE event



EVENT PURPOSE

LEARN



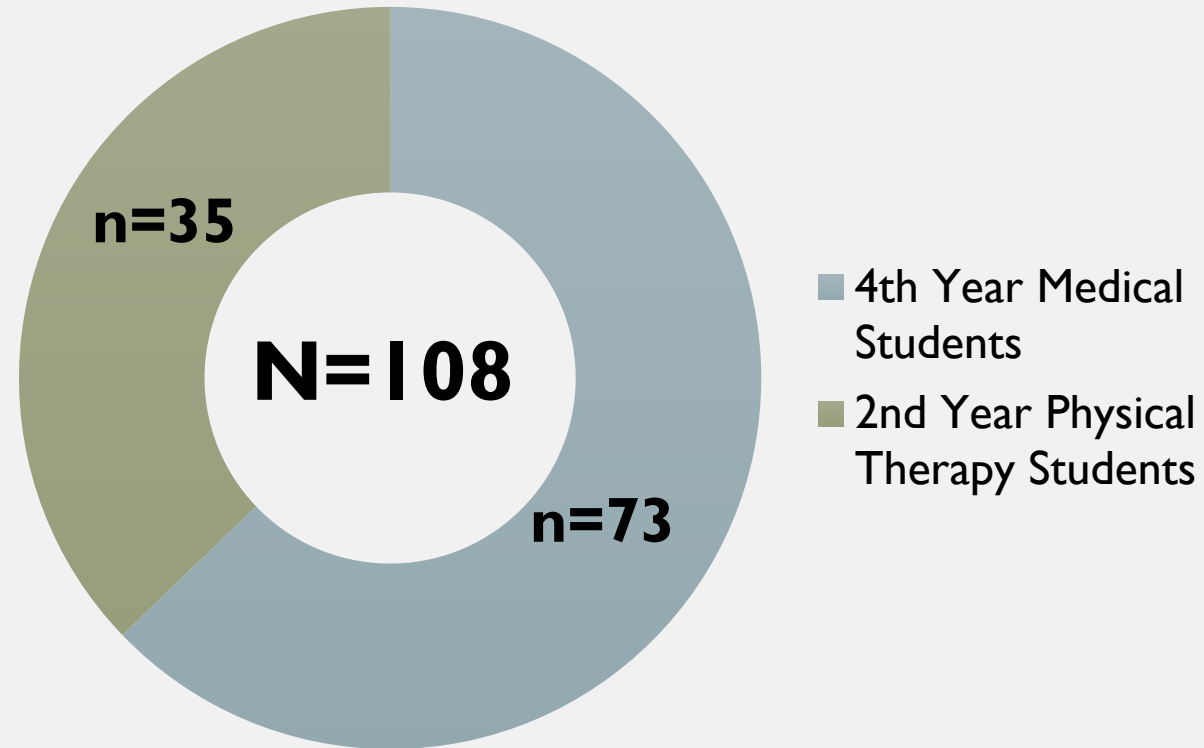
COLLABORATE



COMMUNICATE



PARTICIPANTS



Faculty Facilitators: 18

PRE-EVENT PREPARATION

- Expectations
- Cases (discharge planning)
- Readings
- In-class preparation (PT)



IPE MODEL

**Low Back
Pain**

- Evaluation
- Treatment
- Management

**Post-Op
Discharge
Planning**

- Collaboration
- Discharge Communication
- Feedback

LOW BACK PAIN EXAMINATION AND TREATMENT

Kevin is a 38 year old Caucasian male that presents with complaints of low back and right leg pain. He developed insidious pain approximately 2 months ago. He had injured his back two years ago, but fully recovered without intervention. He describes his symptoms as an intermittent right posterior leg pain to his heel and a constant ache across both sides of his back. His pain is a 7/10 at worst and a 3/10 at best, with occasional tingling into his toes on the right. Symptoms are worse first thing in the morning and are aggravated with prolonged sitting, lifting (more than 10lbs), and bending forward.

LOW BACK PAIN EXAMINATION AND TREATMENT

- Group discussion and lab format
- MD evaluation
 - Discussion: **To image or not to image?**
- PT evaluation
- Treatment:
 - Discussion: When to refer back or communicate with MD
- Collaborative practice and communication



POST OPERATIVE DISCHARGE PLANNING

- Held in clinical suites
 - Standardized patient
 - 2 facilitators
- Chart Review
- Collaborative discharge planning
- Discharge communication
- Feedback



OUTCOMES COLLECTED

- Content learning
 - Medical knowledge on LBP and post-mastectomy discharge planning
- Interprofessional Education
 - Readiness for Interprofessional Learning Scale (RIPLS) (A. K. McFadyen et al.2005)

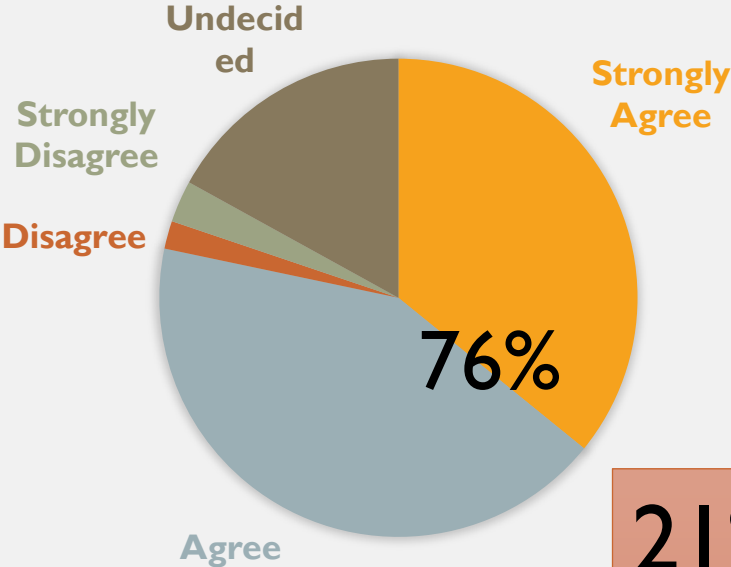
Readiness for Interprofessional Learning Scale (RIPLS)
A. K. McFadyen et al. (2005)

	Strongly Disagree	Disagree	Neutral	Agree	Strongly Agree
1. Learning with other students will help me become a more effective member of a health care team	1	2	3	4	5
2. Patients would ultimately benefit if health-care students worked together to solve patient problems	1	2	3	4	5
3. Shared learning with other health-care students will increase my ability to understand clinical problems	1	2	3	4	5
4. Learning with health-care students before qualification would improve relationships after qualification	1	2	3	4	5
5. Communication skills should be learned with other health-care students	1	2	3	4	5
6. Shared learning will help me to think positively about other professionals	1	2	3	4	5
7. For small group learning to work, students need to trust and respect each other	1	2	3	4	5
8. Team-working skills are essential for all health care students to learn	1	2	3	4	5
9. Shared learning will help me to understand my own limitations	1	2	3	4	5
10. I don't want to waste my time learning with other health care students	1	2	3	4	5

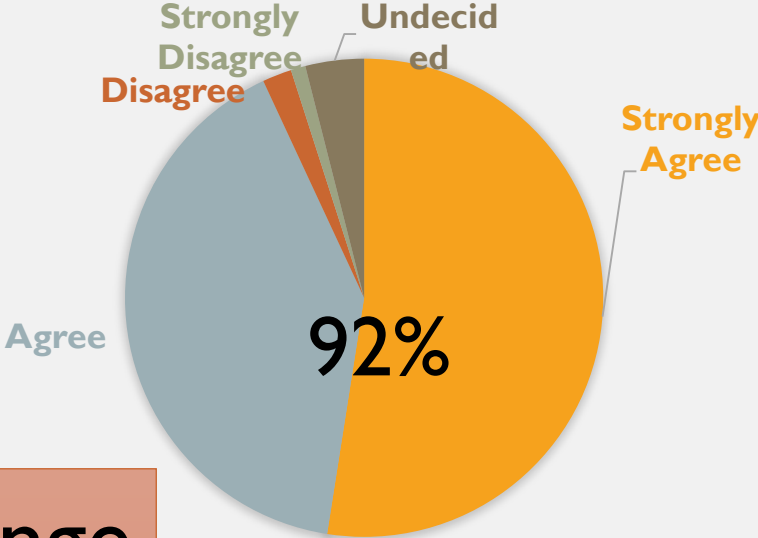
RESULTS

SHARED LEARNING WILL HELP ME UNDERSTAND MY OWN PROFESSIONAL LIMITATIONS

PRE-WORKSHOP (N=106)



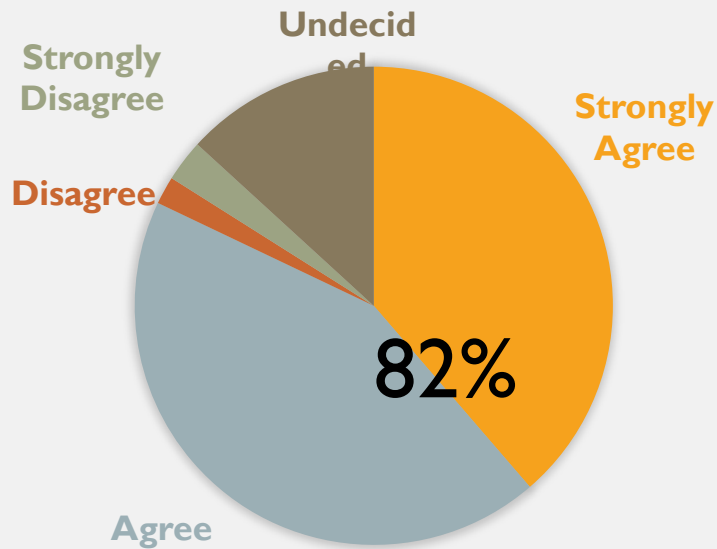
POST-WORKSHOP (N=101)



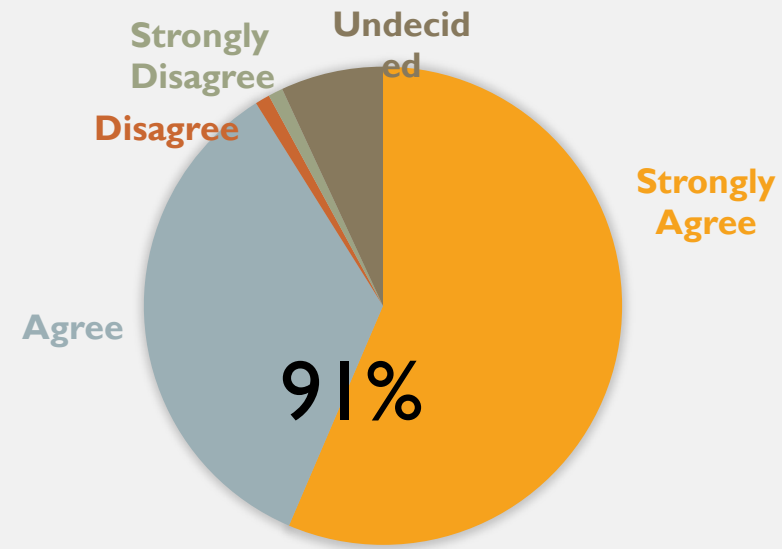
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SHARED LEARNING WITH OTHER HEALTH PROFESSIONALS WILL HELP ME TO COMMUNICATE BETTER WITH PATIENTS AND OTHER PROFESSIONALS

PRE-WORKSHOP
(N=106)



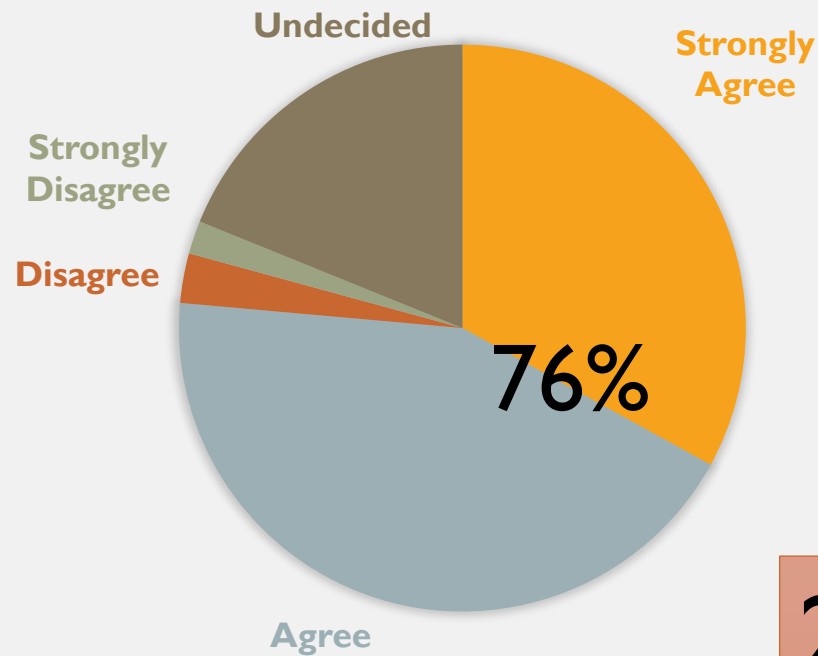
POST-WORKSHOP
(N=101)



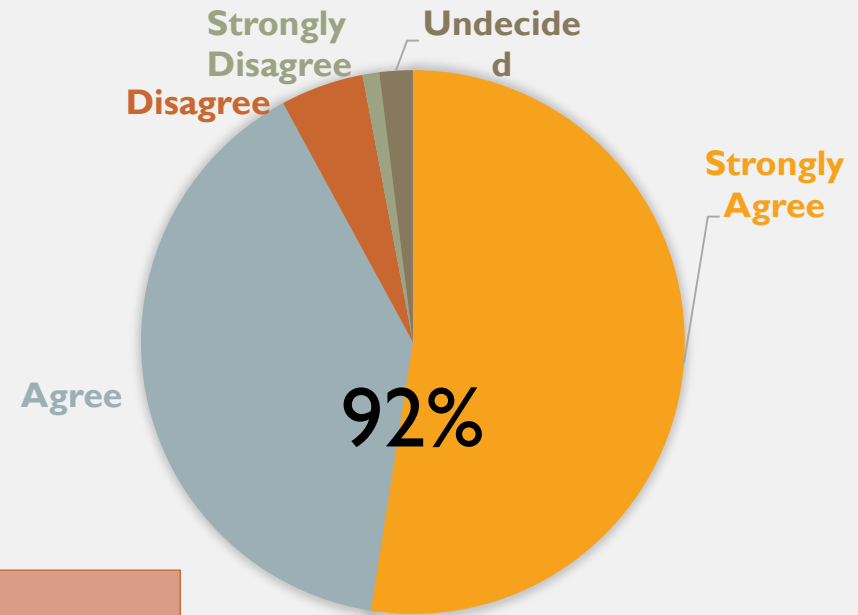
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SHARED LEARNING AND PRACTICE WILL
HELP ME CLARIFY THE NATURE OF
PATIENTS' PROBLEMS

PRE-WORKSHOP
(N=106)



POST-WORKSHOP
(N=101)



21% change

LESSONS LEARNED

- Facilitators: Choose wisely and prepare well
- Appropriate preparation of students
- Make sure both MD and PT students have specific roles to teach and learn from each other
- Develop checklist to provide better feedback by both the faculty and the patient instructors around discharge planning
- **ASSESSMENT!**

LESSONS LEARNED

- Field of Dreams:
 - Emphasize that we are training students for future collaborative opportunities



QUESTIONS



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