

University of Southern Indiana Interprofessional Collaborative Care Model

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Patient Outcomes

Research Question #1:

Does engaging in an interprofessional educational clinical model, impact changes in patient level outcomes regarding hypertension, diabetes mellitus, depression, and chronic obstructive pulmonary disease (COPD)?

Setting: Glenwood Community Health Center and Evansville VA Clinic

Activities:

- Engage with VA Patient Aligned Care Teams (PACT), IPE professional team
- Engage with nurse practitioner and health care team at community health center
- Collaboratively develop comprehensive IPE care plans to improve patient care

Goals:

- Improve Triple Aim
- Improve management of chronic conditions
- Recognize multiple patient needs and address chronic conditions
- Decrease costs by identifying events that lead to acute care admission

Measurement Tools:

- PROMIS Global Health 10
- Consumer Assessment of Healthcare Providers and Systems (CAHPS)
- Healthcare Effectiveness Data and Information Set (HEDIS)
- Uniform Data system (UDS)



IPEC Objectives

- Build effective and sustainable relationships with partners striving to improve population health.
- Assess student learner competence and educational programming.
- Communicate the team's aims in using IPE or improving population health.

Cautionary Tales

- Evaluation plan needs constant refinement early in implementation phase
- Necessary to articulate project's purpose to all health profession faculty
- Ongoing communication with community partners essential so needed adjustments and process changes can be made

Innovative Technology

- Academic Electronic Health Record
- Tablets
- Telemedicine equipment



Student IPE Involvement

Research Question #2:

Does engagement in an interprofessional educational clinical model, result in observed changes in student level measurements of team structure, leadership, situation monitoring, mutual support, and communication?

Students: IPE student team of Nurse Practitioner, Nursing, Respiratory Therapy, Nutrition, Social Work, Occupational Therapy

Setting: Glenwood Community Health Center and Evansville VA Clinic

Activities:

- Orient to TeamSTEPPS®, IPEC Core Competencies, QSEN competencies
- Work collaboratively as an IPE team to deliver patient care
- Integrate technology using an electronic health record to access patient records and document care

Goals:

- Recognize attitudes regarding IPE teamwork
- Develop nurse leaders through a leadership program

Measurement Tools:

- Collaborative Practice Assessment Tool (CPAT)
- TeamSTEPPS® Teamwork Attitudes Questionnaire (T-TAQ)
- Teams Performance Observation Tool (TPOT)