

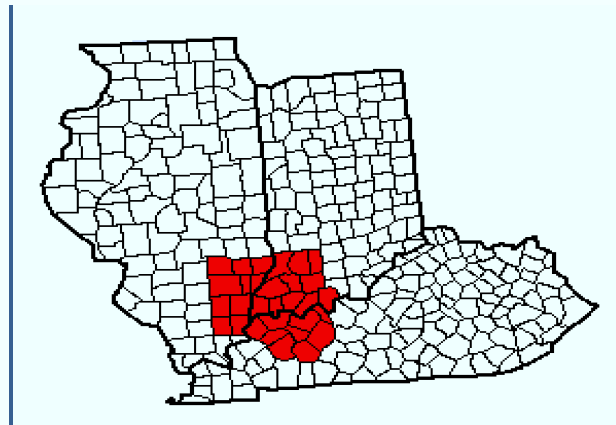
Leading Collaborative Practice: A TeamSTEPPS® Centered Interprofessional Clinical Model

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Funded by Health Resources and Services Administration (HRSA)
In partnership with National Center for Interprofessional Practice and Education

Situation

- In the tristate area of southwestern Indiana, southeastern Illinois and western Kentucky, there is a need for coordinated interprofessional care.



Situation

Marion, IL Veteran's Administration (VA)

- 91% of counties served are all or some part rural
- 80% of counties served are designated as Health Professions Shortage Areas (HPSA)
- 11% African American, Hispanic, and Asian; 89% Caucasian

USI Community Health Center (CHC)

- 39.6% has an income level below the federal poverty level
- Area served is designated as an HPSA
- Highest concentration of minority persons in Evansville resides in the area served

Background

- An interprofessional collaborative practice (IPCP) was developed to address the needs of vulnerable populations by managing chronic conditions, improving health outcomes, and reducing costs.



Background

Team Composition

1. Graduate Students
 - nurse practitioner
 - social work
 - occupational therapy students
2. Undergraduate Students
 - nursing
 - food and nutrition
 - occupational therapy assistant
 - respiratory therapy students
3. Interprofessional Clinical Coaches (ICC)
4. Patients and Family
5. Providers



Assessment/Analysis

1. Clinical Coaches and Faculty trained in TeamSTEPPS®
2. Students participated in a TeamSTEPPS® orientation
 - Preliminary TeamSTEPPS-Teamwork Attitudes Questionnaire (T-TAQ) survey
 - Preliminary Collaborative Practice Assessment Tool (CPAT)
 - Case studies
 - Team building exercises



Assessment/Analysis

COPD

Hypertension

Diabetes

Depression

3. 8 interprofessional student teams
 - 6 clinical days throughout semester
 - 8 hour days
 - 4 average patient encounters per clinical day
4. Patient population
 - Adults
 - Four Diagnoses
5. TeamSTEPPS Performance Observation Tool (TPOT)
 - first and last clinical day

Assessment/Analysis

Data Collection

1. Patient data

- Demographics, disease specific lab data, health surveys

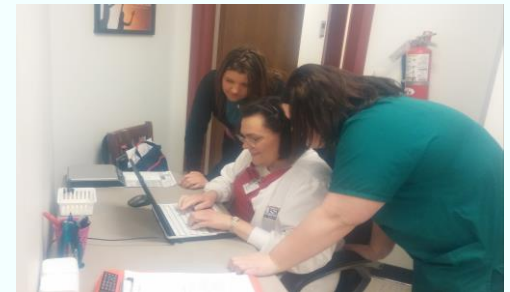
2. Student data (repeat T-TAQ and CPAT)

- Significant improvement in T-TAQ measure of communication in all teams
- Significant improvement on all CPAT subscale scores

Assessment/Analysis

Results: teams were able to

- effectively foster collaborative relationships
- implement an innovative clinical model
- develop community linkages with the VA and the CHC
- demonstrate proficiency in TeamSTEPPS®



Recommendations

Student perceptions: what went well

- Learning from other health professions was valuable
- Students felt like they made a significant impact with patients
 - Many examples of positive experiences
- Staff members at facilities were welcoming
- Orientation was useful and engaging
 - TeamSTEPPS
- Team functioned very well by the end of the semester



Recommendations

Student perceptions: what needs improvement

- Individual teams need to meet prior to first day of rotation
 - Case studies and Medical record
- Logistics
 - Still limited space and computer access in some locations
- More patients and follow-ups
- Home visits and telehealth options
- Too much downtime at times





"To be an effective team leader, you need patience, strength, insight, tenacity and courage. If that doesn't work, bribe them with doughnuts."

References

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- **Needs assessment here**