Implementing Interprofessional Education in a School of Health Sciences

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Learning Objectives

• Define interprofessional education (IPE)
• Discuss the impact interprofessional collaboration has on safety and health outcomes
• Identify various professional and legislative supporters of IPE
• Discuss innovative ways to develop and implement simulation scenarios that integrate the concepts of IPE
Who we are
What is “IPE”

• Traditionally health sciences taught in “silos”

• Health care workers trained by learning about, from, and with others from different professional backgrounds (WHO, 2010)

• Commitment to collaborative practice
Organizational and Legislative Support

• Professional Organizations:
  • Josiah Macy Jr. Foundation
  • Supporter of education for health professionals
  • Robert Wood Johnson Foundation
  • Future of Nursing: Campaign for Action
  • American Association of Colleges of Nursing
  • Institute of Medicine
  • World Health Organization
  • Framework for Action on Interprofessional Education and Collaborative practice
Implications of IPE

• Implementation of Interprofessional Education into nurse education programs enables students to:
  – Learn roles of healthcare team members
  – Enhance collaborative efforts and communication skills
  – Incorporate teamwork into professional practice
  – Better meet the needs of patients through competent care as a team
IPEC and Core Competencies

- Interprofessional Education Collaborative
  - Partnership of six associations
    - Medicine, Osteopathy, Pharmacy, Nursing, Dentistry, Public Health
  - Developed Core Competencies for Interprofessional Collaborative Practice
    - Values and Ethics
    - Roles and Responsibilities
    - Interprofessional Communication
    - Teams and Teamwork
Goals of IPE

Provide optimal patient care

Reduce duplication of services

Address gaps in service

Prevent adverse consequences
Integration of IPE into School of Health Sciences

• Methodist University’s Interprofessional Disaster Drill 2014
  – Partially Funded by Title III Federal Grant for integration of technology and IPE
  – Planning began 9 months prior to event
  – Involved students in planning and evaluation
  – 10 patients across lifespan-various pathologies

https://youtu.be/3czpyEE-GM0?list=UUncT4o1IMhk9KL17JJLabqQ

Utilized students from: Forensics, AT, ENM, Nursing, PA
Disaster Drill
Introducing IPE

• Multi-patient unfolding case scenario to include Nursing, PA, SW, HCA, PT, AT.
Introducing IPE

• Planning Meetings
• Design Scenarios with specific objectives
  – HCA-chart review and billing
  – PT-Assessment, plan of care, communication
  – PA- Assessment, treatment, prioritization, communication
  – SW-Assessment, communication, care
  – Nursing- Assessment, skills, communication
Introducing IPE

• Pre-simulation preparation and survey
• 2 hour time slot for simulation per group
• 3 evolving cases/3 simulation events
  • Sepsis, DKA, Hip Fracture with elder abuse
  • Cardiac rehab, Rhabdomyolysis, Brain attack
  • Code, Psych, SCI with Autonomic Dysreflexia
    – Roles identified for each scenario
      • Charge nurse, Nurse, PA, PT, SW, HCA, Family, Obs
    – Pre-brief, simulation, debrief
      • Case based and group debrief
    – Interprofessional report
Evaluation

- Formative Feedback from students
- Faculty Feedback and Perceptions
- Student Reflective Comments
- Readiness for Interprofessional Learning Scale (RIPLS)
- Simulation Effectiveness Tool (CAE)
- Suggestions....
Challenges and Benefits

Challenges:

• Schedule conflicts
• Role Conflicts
  – Perform in role during simulation
  – Allow others to participate and communicate
• Clear and defined objectives for each discipline
• Timing for Pre-and de-brief
• Administrative Support

Benefits:

• Communication
• Collegiality
• Mutual Respect for each other
• Teachable moments occur
Ongoing IPE

- IPE Committee for SHS
- Introduce in phases
- Develop IPE teams using “brown bag case scenarios”
- Disaster Drill

- Physical Therapy students teaching transfer techniques for nursing.
- AT and Nursing-Asthma Scenario
Other ideas....

• The sky is the limit......
Questions.....Comments....
References


References


