Establishing Student Directed Occupational Therapy Services at IU Student Outreach Clinic

Learning in the Changing Health Care Market

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Presenters

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Presentation Objectives

- Recognize the interdisciplinary educational benefits for health professional students at IUSOC
- Describe the unique contributions of occupational therapy within this primary care setting
- Discuss future IPE collaborative opportunities
Outline

Introduction to IUSOC
Needs assessment results
Clinic development
Current IPE collaborations
Discussion on future IPE opportunities
Introducing…

http://www.youtube.com/watch?v=iX-xL688TB4
Indiana University Student Outreach Clinic

- Student-run free clinic offering free medical care to uninsured and underserved of Indiana

- Services offered every Saturday from 10-2

- Students are responsible for:
  - Setting up the clinic
  - Daily operations
  - Providing medical services under the direction of faculty
  - Coordinating patient care
  - Determining future direction of clinic and community outreach initiatives
Interprofessional Service Learning

IU School of Medicine
IU School of Dentistry
IU School of Social Work
IU School of Law
Butler University – Pharmacy
IU School of Health and Rehabilitation Science
  – Department of Occupational Therapy
  – Department of Physical Therapy
University of Indianapolis – Krannert School of Physical Therapy
Richard M. Fairbanks School of Public Health at IUPUI
Interprofessional Education and Practice (IPEP)
Community Needs Assessment

1. IUSOC Database Extraction
   # of diagnoses applicable to OT scope of practice (e.g. Diabetes)

2. Patient survey

3. IUSOC Partner survey
   Difference between OT and PT
# Needs Assessment

## Patient Diagnosis Breakdown: Jan-Aug 2013

<table>
<thead>
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<th>Chronic Diagnosis</th>
<th>No.</th>
<th>Chronic Diagnosis</th>
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<tr>
<td>Addiction/Dependence</td>
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<td></td>
<td></td>
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<td>Insomnia</td>
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<td>Migraine</td>
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<td>Obesity</td>
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<tr>
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<td>Peptic ulcer disease</td>
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<tr>
<td>Dental</td>
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<td>Pre-HTN</td>
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<td>Herpes</td>
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<td>Vascular Disease</td>
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**Total Chronic Diagnoses** 1093  
**Within OT Scope of Practice** 923  
**Percentage Applicable to OT** 84%
Patient survey results

Summary of Intake Survey Responses
Number of responses  \( N = 57 \)

- Difficulty concentrating, thinking, remembering  \( N = 18 \)
- Difficulty in Instrumental Activities of Daily Living  \( N = 15 \)
- Difficulty resting and/or sleeping  \( N = 30 \)
- Difficulty in leisure, play, social participation  \( N = 46 \)
How are PT and OT different?

Primary concern among the partners
Duplication of services
Confusion among the clientele
Interprofessional survey distributed
OT Clinic Development Timeline

- January 2013  Intent for inclusion
- Jan – Aug 2013 Needs assessment
- August 2013  Proposal presentation
- November 2013 Initiate monthly service
  Includes 1st and 2nd year OT students
- Oct 2014 Increase to bi-monthly
Services Provided

IU OT offers services twice a month in conjunction with Physical Therapy

**Physical Therapy**

- “Patient education, improve movement dysfunction, identify health risk factors, alleviate pain and enhance functional mobility for a variety of neuromusculoskeletal and cardiopulmonary conditions.”

**Occupational Therapy**

- “The therapeutic approach to “everyday life” activities (occupations) with individuals, groups, populations, or organizations to support participation, performance, and function in roles and situations in home, school, workplace, community, and other settings (AOTA Model Practice Act, 2011).
Services Provided

Since November 2013:

- 46 clients referred to OT after screening
- Provided services to 21 clients with some clients returning more than once
- Completed 28 interventions
Services Provided

Examples:
- Sleep hygiene
- Stress management
- Memory/Cognition interventions
- Hand and UE interventions
- Chronic condition self-management
- Ergonomics and body mechanics
- Medication management
Primary Care Priorities

Self-Management

Health Promotion/Disease Prevention

Lifestyle Modification

Sustainable Behavior Change

Occupational Therapy Scope of Practice

Self-Management

Health Promotion/Disease Prevention

Lifestyle Modification

Sustainable Behavior Change
OT Role in Primary Care at the Clinic

Self-management
- Medication management
- Chronic conditions management

Health Promotion/Disease Prevention
- Smoking Cessation

Lifestyle Modification
- Establishing sleep and rest routines
- Stress management

Sustainable Behavior Change
- Developing and maintaining habits and routines for health and wellness
Primary Care Settings Facilitate IPE

- Facilitates Communication
- Expedites Implementation of POC
- Improves Quality of Services

Clarification of orders
Prevents duplication of services
More data readily available about the client- helps provide “big picture”
Identification of gaps in service provision
Ease of referral
Interprofessional Education

- Annual partners retreat
- Monthly partners meeting
- Case conferences
- Clinic day huddle
- OT/PT screening tool
- Monthly education
- Referral process
- Implementing EMR system
- Partnerships and collaborative initiatives
IPE Collaborations

• Monthly Partners Meeting
  • All partners attend (including the church)
  • Updates
  • New Initiatives
  • Proposals
IPE Collaborations

- Rehab Triage Screening
- Education
IPE Collaborations

- Medication literacy – Medi-Cog
IPE Collaborations

• Electronic Medical Record
Challenges

- Accessibility for volunteers
- Lack of understanding of what each discipline does
- Differences in scope of practice in community setting
- Disagreeing goals and priorities among partners
- Physical barriers to communication
- Sustainability (i.e. returning clients)
Future

- Transitional Care Team
- Tracking Outcomes
- Role Delineation
- Ease of Referral
- Establishing New Partnerships
- Group Interventions
- Providing Pediatric Services
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IU Student Outreach Clinic website
http://soc.medicine.iu.edu/