



Ohio PACE Grant

A Multi-faceted Educational Program on Health Literacy and Adherence of Patients with Chronic Illness

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Purpose and Target Audience

- To provide experiential learning opportunities on health literacy and patient adherence for clinicians and students in the health professions.
- To provide faculty in the health professions and those who provide continuing education with experiential learning materials on health literacy and patient adherence.



Goals

- Develop and pilot test an interactive, multi-disciplinary on-line self-learning module.
- Develop and pilot test experiential learning activities to include simulated patient encounters, case studies, class exercises, and field study.
- Conduct a multi-disciplinary one-day workshop on health literacy and patient adherence. (April 26, 2012)



Self-Learning, Interactive Module

- Identifying / measuring non-adherence
- Provider & system's barriers to adherence and strategies to reduce these barriers
- Impact of health literacy and cultural issues on adherence
- Behavior change strategies
- Patient adherence and patient safety
- Elements of motivational interviewing and patient engagement
- Healthcare system, family, community resources to support adherence
- Identifying/measuring results of adherence strategies on patient outcomes



Description of Module: Health Literacy Distance Education Program

- Home page
- Learner objectives
- Background
- Self-paced lessons with “How Are You Doing” questions, case studies, reflection/growth sections, links, feedback sections, video streaming, interactive exercises, re-writes, problem-based scenarios
- Post- test
- Evaluation of the module
- Certificate for Continuing Education Credit



Experiential Learning Activities

- Simulated patient encounters – taped vignettes depicting:
 - Motivational Interviewing
 - Self-Management Techniques
 - Patient Education Strategies
 - Patient Activation Stages/Interventions
- Skill building class exercises:
 - 'Teach Back' role play scripts
 - Self-efficacy action plans
 - Health coaching strategies
 - Stages of readiness to change - intervention
 - MI –DEERS, OARS, DARN-CT
 - Case studies



Workshop – April 26, 2012

- Needs assessment survey
- Keynote speaker – Doug Seubert, Health Communications Specialist, Wisconsin
- Plenary speaker – Barbara Warren, Professor, OSU College of Nursing
- Breakout sessions
 - Re-admissions and health literacy initiatives
 - Patient Activation
 - Behavioral Strategies
 - Culture and health literacy/patient adherence



Evaluation of Adherence Module

- Pilot testing with 8-10 multidisciplinary clinicians and revisions made before module goes live
- Post test results from participants
- Evaluation of objectives, module format, knowledge gained, quality of content, use in practice
- Summative evaluation done every 3 months
- Follow-up telephone interview on use of module in practice



Evaluation of Experiential Learning Activities

- Faculty observation and feedback on student learning / performance during use of simulated patient encounters, case studies, skill building exercises in class
- Formative evaluation of PharmD students during field study in the Clinical Partners Program, a pharmacy consulting clinic. (Spring 2012)
 - Faculty observation and feedback on student performance / competencies
 - Student reflection of practice – self evaluation
 - Patient medication adherence assessments before and after student cares for patients



Workshop Evaluation

- Participant evaluation of workshop objectives, purpose, speakers, educational activities, and intent to change practice
- Observations on skill building exercises on adherence strategies
- Random number of participants contacted 3 months after workshop to self-report use of adherence strategies



Short-Term Impact on Patient Adherence

Evaluation of knowledge, skills, competencies of participants during the educational offerings

- Module evaluation
- Class on health literacy & patient adherence, using simulated encounters and experiential exercises
- Implementation of adherence strategies in clinic field study
- Workshop evaluation



Long-Term Impact on Patient Adherence

- Continued use of the educational materials by faculty, students, and professionals to learn health literacy and patient adherence strategies
- Sustained changes in providers' knowledge, skills, competencies in using health literacy and patient adherence strategies when caring for patients with chronicity



Follow-Up Projects

- Test educational materials in other settings and with different providers
- Integrate the educational materials into health professionals' curriculum and evaluate the results over time
- Develop additional educational methods, (e.g. use of social media and mobile devices), to teach about health literacy and patient adherence