

CURRENT STUDIES

RxSafe – USING INFORMATION TECHNOLOGY TO IMPROVE MEDICATION SAFETY FOR RURAL ELDERS

PIs: Paul Gorman, MD, and Karl Ordelheide, MD (Lincoln City)

Funding Agency: Agency for Healthcare Research & Quality

Dates: 10/04-9/07

Settings: Samaritan North Lincoln Hospital, OHSU, Lincoln City Medical Center, and long-term care facilities and pharmacies in Lincoln County, Springfield and Portland

Summary: This study is a collaboration with Samaritan North Lincoln Hospital, OHSU, and other institutions to establish a master medication information system to improve the safety of rural elders.

SKILDD – SCREENING KIDS IN LAKEVIEW FOR DEVELOPMENTAL DELAYS

PI: Lyle Fagnan, MD

Lead ORPRN Clinicians: C. Scott Graham, DO, Steven Hussey, MD, Robert Bomengen, MD (Lakeview)

Funding Agency: SAMHSA/CSAP through the State of Oregon, subcontract from Lake County Mental Health

Dates: 11/04-1/07

Settings: Family practice offices in Lakeview, Lake County Mental Health and other local behavioral health providers

Summary: This study examines a quality improvement effort to systematically screen children ages zero to six years within the primary care setting for early risks of behavioral health disorders. The project is also designed to integrate medical and mental health settings to provide coordinated referral and follow-up services in Lake County, Oregon.

TREATMENT GUIDELINES FOR MI IN RURAL OREGON

PI: Steve Riley, MD

Funding Agency: NIH/NRSA

Dates: 9/05-9/07

Settings: Southwestern Oregon

Summary: ACC guidelines for acute treatment of MI require revascularization early in the course of care. Because most rural hospitals do not have these facilities, this requires referral to one of two centers in rural Oregon. This study examines if the rate of referral of rural patients has increased after implementation of national guidelines.

CHRONIC OPIOID THERAPY AND PREVENTIVE SERVICES

PIs: James Calvert, MD (Klamath Falls), and David Buckley, MD

Funding Agency: American Academy of Family Physicians Foundation

Dates: 3/05-2/07

Settings: Klamath Open Door (Klamath Falls), Strawberry Wilderness (John Day), Rinehart Clinic (Wheeler), Elgin Family Health Clinic, Union Family Health Clinic, Cascades East (Klamath Falls), Lincoln City Medical Center

Summary: This study investigates, through retrospective chart review, potential associations between chronic opioid therapy for non-malignant pain in the primary care setting and the performance of preventive health services.

RURAL OREGON IMMUNIZATION INITIATIVE – PHASE I & II

PIs: Scott Shipman, MD, MPH, Lyle Fagnan, MD, James Gaudino, MD, MS, MPH

Funding Agencies: Centers for Disease Control & Prevention via the Oregon Department of Health & Human Services and American Academy of Family Physicians Foundation

Dates: 5/04-9/06

Settings: Eastern Oregon Medical Associates (Baker City), Ken McClain, MD and Maria Bolanos McClain, MD (Hermiston), Strawberry Wilderness (John Day), Bayshore Family Medicine (Pacific City), Pacific City Medicine (Astoria), Siskiyou Community Health Center (Grants Pass), Scappoose Clinic (Scappoose), Winding Waters (Enterprise), High Desert Medical Center (Burns), Robert Holland, MD and Russell Nichols, MD (John Day)

Summary: Phase I was an email and paper survey of approximately 1,100 rural clinicians in Oregon regarding immunization practices and beliefs. The survey was completed in April, 2005, and data analysis is underway. The follow-up study (Phase II) is being conducted in ORPRN practices and includes the use of the statewide immunization registry (ALERT), provider and parent focus groups, chart reviews, and implementation of a quality improvement program, AFIX.

NATIONAL CLINICAL QUESTIONS PROJECT

OHSU PI: Valerie King, MD, MPH

Dates: 11/05-ongoing

Settings: Klamath Falls, Reedsport, John Day, Coos Bay, Hood River, Scappoose, Lakeview, Yachats

Summary: The purpose of the study is to identify the areas of priority for research in family medicine practice by nationally surveying family medicine clinicians.

OREGON WOMEN'S STUDY

PI: Cynthia Morris, PhD, MPH

Funding Agency: Northwest Health Foundation, Collins Foundation, and private donors

Dates: 8/06-12/08

Settings: Klamath Falls

Summary: This 18-month feasibility study will follow women prior to, during, and after pregnancy, conducting anthropometric measurements, 3-D ultrasound assessment of the fetus, nutritional assessments, and gene regulation in a placental sample. The overall purpose is to assess how diet, body composition, and lifestyle factors affect the growth of the fetus and later development of chronic conditions.

OSTEOPOROSIS SCREENING IN RURAL OREGON

PIs: Eric Orwoll, MD, Lyle Fagnan, MD, Breanna Percel

Funding Agency: Bone and Mineral Unit at OHSU

Dates: 5/04-5/07

Settings: Statewide

Summary: An email survey of clinicians was conducted in nine ORPRN practices and a mailed survey sent to approximately 6,000 women age 65 and older in the same nine communities. The purpose of the survey is to help understand osteoporosis screening, care and attitudes, and their potential relationship to access to DEXA scans.

RURAL OREGON ADULT MEMORY (ROAM) PROJECT

PI: Linda Boise, PhD

Funding Agency: Agency for Healthcare Research & Quality (AHRQ)

Dates: 7/06-6/07

Settings: Dunes Family Health Clinic, Reedsport; Health Associates of Peace Harbor, Florence; David M. Bice, MD, Newport; Bayshore Family Medicine, Pacific City; Rinehart Clinic, Wheeler; Pacific Family Medicine, Astoria; OHSU Family Health Center, Scappoose.

Summary: Recognizing dementia and developing care plans for patients in rural areas is of concern due to the scarcity of specialists and community resources. The ROAM project adapts a clinical practice model for Alzheimer's and other dementia diagnosis developed by UCLA and the RAND Corporation for use in primary care clinics. The study will implement, observe and measure the process and outcomes, with intent to link patients with signs and symptoms of possible dementia and mild cognitive impairment with information and services.

Q-METHOD STUDY

PI: Lyle J. Fagnan, MD

Dates: 6/06-9/07

Settings: Network-wide

Summary: Blue Blake, while a Masters student in Medical Informatics at OHSU, recruited ORPRN clinicians to participate in an exploration (Q-method) of the subjective factors that encourage or discourage participation in research. The title of the study is "Clinician Participation in a Rural Practice-based Research Network: a Q-Methodology Approach." The aim is to identify factors that influence members' engagement in patient recruitment to studies, study development, resource and information sharing, and governance.

STRENGTHENING OREGON COMMUNITY SERVICES (SOCS)

PI: Jim Ledbetter, MD

Funding Agency: National Institute for Child Health & Human Development, Subcontract from Oregon Center for Children and Youth with Special Health Needs

Dates: 10/05-4/08

Settings: Statewide

Summary: This initiative aims to enhance community systems of care for children and youth with chronic conditions including physical, cognitive, and mental health impairments. The project focuses on the development and enhancement of practice-based family/professional teams. Teams work to plan and implement quality improvements within the individual practice and community aimed at improving care for children with special health care needs and their families.

USING MILITARY AND AVIATION SIMULATION EXPERIENCE TO IMPROVE RURAL OBSTETRIC SAFETY

PI: Jeanne-Marie Guise, MD, MPH

Funding Agency: Agency for Healthcare Research & Quality

Dates: 9/05-6/07

Settings: Oregon Health & Science University (OHSU); Madigan Army Medical Center, Fort Lewis, Washington; Silverton Hospital, Silverton; Lake District Hospital, Lakeview; Harney District Hospital, Burns; St. Elizabeth Health Services, Baker City; Providence Hood River Memorial Hospital, Hood River; Good Samaritan Regional Medical Center, Corvallis; The Corvallis Clinic, Corvallis

Summary: This intervention implements aviation crew resource management and medical simulation training to improve the safety of obstetric care in Oregon rural communities statewide.