

RAVE

INCREASING HPV IMMUNIZATION RATES: THE RURAL ADOLESCENT VACCINE ENTERPRISE

Principal Investigators: Lyle Fagnan, MD & Patricia Carney, PhD
Institution: Oregon Rural Practice-based Research Network, OHSU
Funding Agency: American Cancer Society (Award #RSG CPPB – 131717)
Project Dates: July 1, 2018 – June 30, 2023
IRB oversight by OHSU (#18753)
ClinicalTrials.gov PRS, ID#: NCT03604393

The Rural Adolescent Vaccine Enterprise (RAVE) project launched in July 2018. The project, led by Principal Investigators L.J. Fagnan, MD and Patty Carney, PhD, is funded by the American Cancer Society and goes through June 2023.

Available for over a decade, the human papillomavirus (HPV) vaccine is effective at preventing HPV-caused precancerous changes in the cervix, penis, anus, and oral cavity. However, the national completion rate is dismally low, with less than 50 percent of the Healthy People 2020 benchmark achieved. In rural Oregon, the HPV vaccine completion rate for 2017 was 27.8 percent. In partnership with the State of Oregon Immunization Program, and over 40 participating family medicine and pediatric clinics in rural Oregon, the Rural Adolescent Vaccine Enterprise (RAVE) research team will increase the capacity of clinics to sustain a quality improvement (QI) structure and processes that lead to improved immunization rates. ORPRN Practice Enhancement Research Coordinators (PERCs) will provide boots-on-the-ground support for each clinic's QI team. The goal for RAVE is to improve HPV immunization rates in rural Oregon and share findings across America.

RAVE Study Design:



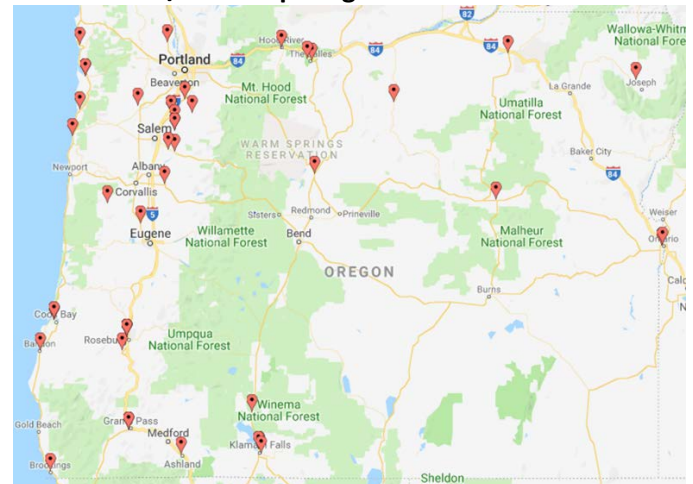
Aim 1: Mixed-methods baseline assessment of 12 clinics (high vs low performing)

Aim 2: Stepped-wedge cluster randomized trial of practice coaching intervention at primary care clinics (n=46, 5 groups)

Aim 3: Facilitated partnership between primary care clinics and clinic-identified community organizations

Aim 4: A toolkit of best practices for clinics, state public health programs, and Accountable Care Organizations

RAVE Aims 2/3 Participating Clinics:



RAVE Publications:

Carney PA, Hatch B, Stock I, Dickinson C, Davis M, Marino M, Darden PM, Gunn R, Larsen R, Valenzuela S, Ferrara L, Fagnan LJ. Study Protocol for the "Rural Adolescent Vaccine Enterprise" (RAVE) Study: A Stepped-wedge Cluster Randomized Trial Designed to Improve Completion of HPV Vaccine Series and Reduce Missed Opportunities to Vaccinate in Rural Primary Care Practices. *Implementation Science*. 2019;14:30.
<https://doi.org/10.1186/s13012-019-0871-9>

If your clinic or community organization has questions regarding this study, please contact
RAVE@ohsu.edu or project manager, Caitlin Dickinson summerca@ohsu.edu.