

# Hepatitis C Screening in Women of Child-bearing Age

## Portland, Oregon

Providence Health & Services, Oregon

Genevieve Buser, MDCM MSHP Pediatric Infectious Diseases,  
Genevieve.buser@providence.org

Mark Tomlinson, MD Medical Director Women's Program

Chiayi Chen, PhD RN Providence Women & Children's Clinical Research Program

Mayen Dada, Savannah Woodward, Research Assistants

Women & Children's Clinical Research Program

Frontline of Communities in the US (FOCUS) Grant

Myra Ozaeta, myra.ozaeta@gilead.com

# Why universally screen women around pregnancy?

- ACOG and CDC do not currently recommend universal screening
- High prevalence of hepatitis C antibodies in Oregon<sup>1</sup>
- Higher than other diseases screened for during pregnancy<sup>2,3</sup>
  - HCV: 92 per 100,000 women aged 20–39 years
  - Chronic Hepatitis B: 17 per 100,00 women aged 20–39 years
  - HIV: <1000 known adult females living with HIV
- Key population
  - Nearly half of acute HCV in Oregon 2009–2013 occurred in persons <30yrs<sup>3</sup>
  - Opportune time for lifestyle changes, infant screening<sup>4</sup>

1. Rosenberg ES et al. Clin Infect Dis 2017
2. Oregon Health Authority, accessed May 2018
3. Oregon Health Authority: Viral Hepatitis in Oregon 2015
4. Oregon Health Authority, Snodgrass SD et al. MMWR 2018

# Results: 8 Dec 2019 – 2 Jan 2020

Screened to date	Goal	Antibody Positive	RNA Positive
99	5000	1	0

Demographic data of N = 54 entered into RedCap as of 1/2/2020	
Average age at enrollment	32 years (20–41)
Average birth year	1987
Average parity	2
White	87%
Hispanic	17%

# Next steps

- Continue to enroll
- Continue to educate providers, staff, patients
- Connect any RNA positive women to care
- Follow-up with pediatricians for infant screening

*Thank you!*