**WA HPV Free Task Force Fall 2024 Meeting**

Date: 10/11/2024

Time: 8:00am -10:00am

Updates

* Task Force Accomplishments
  + Topics covered
    - Starting at 9 Resources including IQIP
    - New HPV @ 9 Awards
    - Using Media to Support HPV @ 9 Work
    - Cancer Data
    - Vaccine Data
    - Survivor Stories
    - Partnering with Pharmacy
    - CARE-A-Van
    - Engaging Dental/Oral Health Providers
    - Cervical Cancer
  + Presentation and learning opportunities:
    - School Based Health Alliance, City Match Conference, Era Conference, ACS National HPV State Engagement Meeting in Chicago IL
  + Tabling collaboration with WithinReach: Together We Can Stop Cervical Cancer
  + Workgroups- community outreach & clinical interventions
    - Clinical Intervention – Back to School Provider Letter
  + Second published article: [Effect of immunization registry-based provider reminder to initiate HPV vaccination at age 9, Washington state - PMC (nih.gov)](https://pmc.ncbi.nlm.nih.gov/articles/PMC10629428/)
  + New resource websites:
    - [HPV at 9 website](https://doh.wa.gov/you-and-your-family/immunization/diseases-and-vaccines/human-papillomavirus-hpv/human-papillomavirus-hpv-vaccine-age-nine)
    - [Immunization Measures by County Dashboard | Washington State Department of Health](https://doh.wa.gov/data-and-statistical-reports/washington-tracking-network-wtn/immunization-data/county-public-health-measures-dashboard)
  + Quality Improvement projects to increase HPV immunizations through WACHIP and WCAAP
  + DOH communication campaigns
  + [DOH HPV @9 Awards](https://doh.wa.gov/public-health-provider-resources/public-health-system-resources-and-services/immunization/immunize-wa)
  + Coming soon in 2025- ACS HPV National Roundtable Emerging Leadership program
  + AIM Awards Honorable Mention
  + New Adolescent Immunization posters now available in 11 languages
    - New additions: Amharic, Chuukese, Tigrinya
  + HPV Awareness Video
    - [English](https://www.youtube.com/shorts/zF8P4PRXJXc)
    - [Spanish](https://www.youtube.com/shorts/Uv5upq8W364)
* 2025 HPV National Conference
  + April 15-17
* Free printed HPV Resources
  + Offering free of charge- 8x11 lightly laminated posters
  + To put in any exam room, Vaccination locations, reinforcing HPV vaccine starting at age 9-10
  + Contact Email- [Char.Raunio@cancer.org](mailto:Char.Raunio@cancer.org)
  + Order to be placed by **November 21st**
* HPV@9 Quality Improvement Project : Cohort 4 starting in February 2025
  + Reach out to [szorn@wcaap.org](mailto:szorn@wcaap.org)
  + For pediatric and Family Medicine clinics that are interested in improving HPV vaccination rates for preteens, ages 9-12
* State of WA Cervical Cancer Awareness Month Proclamation Resubmitted
  + For 2025 January
  + To be signed by governor
  + Ceremonial
  + To amplify our message, opening for conversations about HPV vaccination

**Presentation 1: Chiricahua Community Health Centers Vaccination Efforts**

* Speakers- Emily Harris and Dennis Walto, Chiricahua Community Health
  + Emily- Global public health professional, started job as Chiricahua Community Health, now the director of community health overseeing vaccination, domestic violence and sexual health
  + Dennis Walto- 30 yrs of non-profit work experience, fundraising, marketing and
* Chiricahua community health center is an FQHC, catchment area is larger than Rhode Island and Connecticut combined
* Runs 100 miles along the US/Mexico border
* Population
  + More than 60% of racial and ethnic minorities
  + 80% live under 200% of Federal poverty threshold
  + More than 33k unique patients per year
  + 15 fixed medical, dental and behavioral health facilities
  + Eight mobile medical and mobile dental clinics
* Improving HPV vaccine administration via integrated vaccine efforts
  + 25 million missed their immunization worldwide due to pandemic
  + Goal- implement creative and innovative approaches
  + Dental integration in 2021
  + 2022 Chiricahua CHC Research and dental team conducted a survey study
    - About dental patients’ willingness receiving vaccines at the dental clinic during their dental clinic appointments
    - 54% positive response among adults, and 50% among pediatric population
  + Project design and implementation
    - Collaboration between vaccine and dental team
    - Creating job description – hiring registered dental nurse
    - Revenue cycle process and sustainable funding
    - PDSA cycles on processes and revenue streams
    - Pushes through social media
  + Vaccine dental workflow
    - Immunization records reviewed a day before the appointment
    - Patient offered vaccine during check in by patient service representative
    - In addition to the vaccine history- also looking at family history- any siblings due for vaccine- on the day of appointment
    - Family or patient has any question- front desk staff– dental nurse will answer all the questions
    - If accepted, vaccine administered at dental appointment
    - If refused, vaccine nurse follows up with the patient/ family later
  + Results
    - Childhood immunization
    - HPV vaccine administration
      * Increased from March 2023- 2024, especially for age of the patient- 9 yrs
      * Childhood immunization status impact
      * Acceptance rate- May 2023- Sep 2024
        + All ages- 41% accepted
        + Pediatric patients- 50.2% accepted
        + Adults- 48.7% accepted
      * 2,528 vaccines doses administered to 1807 patients during dental appointments
      * 41.8% acceptance
    - Cost - $11,798
* Immunize WA Awards
  + Immunize WA goals
    - Increase immunization rates at the clinic level by using best practice tools

**Immunization Data Presentation – Nicole Rhodes**

* + Immunization Data Dashboard
    - How to access:
      * Link to the DOH HPV Vaccination at 9 website: [Human Papillomavirus (HPV) Vaccine at Age Nine | Washington State Department of Health](https://doh.wa.gov/you-and-your-family/immunization/diseases-and-vaccines/human-papillomavirus-hpv/human-papillomavirus-hpv-vaccine-age-nine)
    - Percent of HPV initiated (1+ dose) adolescents by age group, June 2019- June 2024
      * 9-10 yrs
        + June 2019: 2.6
        + June 2024: 12.7
      * 11-12 yrs
        + June 2-019: 39.6
        + June 2024: 36.3
    - 11-12 yrs HPV vaccine rate- Increasing but hasn’t reached pre-pandemic level yet

**HPV Related Cancer Data Update- Katie Treend**

* + Incidence, mortality, race/ethnicity and county of residence
  + Data source: WA State Cancer Registry, 2017-2021
    - Screening data- BRFSS 2022
  + Incidence
    - All HPV related cancer- combined and age adjusted rate: 11.7 per 100,000 (count 5,249/ 37,889,275 total population)
    - Squamous cell carcinoma of the oropharynx: age adjusted rate: 5.1
    - Squamous cell carcinoma of the anus age adjusted rate : 2 per 100,000
  + Trends in incidence
    - Trend analysis
      * All HP related cancers
        + Statistically significant increase in the rate until 2014
      * All HPV cancer in men: 1.19 APC change, increasing
        + HPV vaccine is for all genders
      * Female cervical carcinoma- rates going down
      * Oropharyngeal cancer- increased for both men and women
        + Male oropharyngeal cancers- increasing
    - All HPV related cancers increased between 2001- 2014
    - Significant decrease in Female cervical cancer 2000- 2021

**Presentation by Dr. Linda Eckert: Braiding together Evidence, Equity and Advocacy for Cervical Cancer Prevention**

* + Professor, Obstetrics and Gynecology
  + Served as a consultant for WHO on HPV vaccine and cervical cancer screening policy
  + Disclosure- no funding from industries
  + Perspective
    - Third year of medical school – time spent in Liberia
    - Acknowledgement- Henrietta Lacks
    - Language- majority of person born with a cervix identify as women
    - Intergenerational impact of cervical cancer- used mortality data, and fertility data to estimate number of orphans from cancer, In 2020- 1,047,000 orphans from maternal cancer
      * 20% from Cervical cancer
      * 25% from Breast cancer
    - Without mother- increased anxiety, depression, marry younger, less likely to complete education, get less health care, generational poverty
  + Cost of cervical cancer care in the US
    - Total annual medical cost of cervical cancer care in 2020- $2.3 Billion
    - Per-patient annual cost:
      * Year of death: $97,000
      * Year of diagnosis: $58,700
      * Continuing care phase: $4,000
  + Global cost effectiveness
    - Oxfam estimates
      * Women’s contributions to families, communities, and countries measure well above 10.8 trillion USD
      * More than three times the size of the global tech industry
  + Objectives
    - Evidence of prevention, equity and stigma, advocacy
  + It is preventable, we know what causes it, how to find it, how to treat it, even have a vaccine, yet globally it kills a woman every 90 seconds; in US kills a woman every 2 hours
    - HPV vaccine – primary prevention
      * Cost $286.78 for GARDASIL 9, though it is now covered
      * Publication from Scotland- no cervical cancer incidence among those who were vaccinated
    - Costa Rica vaccine trial- single dose HPV Vaccine
      * Prevalence and vaccine efficacy are almost same among any doses of HPV vaccine among 16/18 yrs
      * HPV16 antibody levels after 1,2,3 doses of 2vHPV stable through 11 yrs post vaccination in any dose groups, but 10-fold higher compared to those in unvaccinated
    - Globally moving towards a single dose of HPV vaccine
    - At the upcoming ACIP meeting- there is going to be a report on this
    - Globally- vaccine coverage increased globally
      * 20% of girls globally have had one dose
      * Up from 15% pre pandemic level
      * Gavi has renewed efforts, and offered some funding to recent
    - Nationally
      * Rhode Island- has a school mandate for HPV vaccine
      * AZ Navajo nation- combined HPV vaccination with traditional coming-of-age ceremony- Kinaalda celebrates onset on menses
        + 82.7% vaccine coverage
      * Advocacy via community can lead to policy change
      * USA: Act up-
  + Advocacy
    - Stories are powerful
      * Stories over data
      * Stories can influence and change hearts
    - Intangible obstacles
      * Stigma- a mark of disgrace associated with a particular circumstance, quality or person
      * Patriarchy- women unable to advocate for themselves
      * Child marriage
    - Combining data with stories and advocacy lead to impact
    - All of us have stories and all of can be advocates
* Qn- etiology- HPV 16 is the severe one, HPV vaccine is targeting the right strains