**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
	+ Order to be placed by **November 21st**
* HPV@9 Quality Improvement Project : Cohort 4 starting in February 2025
	+ Reach out to 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