Instructions to join the meeting remotely:

1. Open a web browser and enter URL: www.readytalk.com
   Enter participant access code: 2093166
2. Phone in for the audio portion of the conference:
   1-866-740-1260 - then enter the access code: 2093166

MEETING HANDOUTS:
www.cchap.org/pmmeeting
Vaccines for Children: 20 years of protecting America’s children.
Vaccines for Children Background

- The VFC program is a federally funded program that:
  - Provides vaccines at no cost to children who might not otherwise be vaccinated because of an inability to pay.
  - Reduces referrals of children from private providers to health departments for vaccination.
  - Saves VFC-enrolled providers out-of-pocket expenses for vaccine.
  - Eliminates or reduces vaccine cost as a barrier to immunizing eligible children.
- The Colorado VFC program spends about $59 million on vaccine annually
- Total enrolled sites: 578
- Total Doses Distributed in 2016: 1,097,703 (includes influenza doses)
- Average # of Vaccine Orders Processed Monthly: 400
Reasons to Be a VFC Provider

- Ability to provide government purchased vaccines to eligible patients with no out of pocket costs
- Administering vaccines in the patient's medical home is a best practice
- All ACIP recommended vaccines are available
- Training on vaccine storage and handling
VFC Program Eligibility

- Vaccines For Children works with enrolled providers who receive VFC vaccine at no cost for children ages 0 through 18 years who are
  - Medicaid eligible
  - Uninsured
  - American Indian or Alaska Native
- FQHC, RHC and deputized local public health providers can use VFC for underinsured patients
VFC Under-insured Definition

- Children ages 0 through 18 years who are covered by an insurance plan that:
  - Does not cover vaccines
  - Does not cover certain vaccines (under-insured for those vaccines only)
  - Covers vaccines only to a fixed dollar limit (eligible for VFC vaccine after the cap is reached for that coverage period)

- In Colorado, all local public health agencies can provide VFC to under-insured children
VFC Provider Requirements

- Annual enrollment or re-enrollment
  - Current medical license
  - Enrolled as a Medicaid provider
  - Serve a VFC population
- Annual “You Call The Shots” and “Vaccine Storage & Handling” training for all VFC contacts (CDC)
- Vaccine ordering and Inventory online courses (CDPHE)
- Order vaccines through the Vaccine Ordering Module (VOM)
- Site visit every other year
VFC Participation Requirements

- Provide up to date location and contact information
- Screen patients and document eligibility at each immunization encounter
- Comply with schedules, dosages and contraindications established by the Advisory Committee on Immunization Practices (ACIP)
VFC Participation Requirements

- Maintain records for 3 years
  - Eligibility screening, immunization documentation, billing, medical records
- Charge eligible children only the administration fee (cap $21.68 per vaccine dose)
- Don’t turn away eligible children unable to pay the administration fee
VFC Participation Requirements

- Offer the patient a VIS each time a vaccine is administered
- Comply with vaccine management requirements
  - Order appropriate inventory (up to 90 days)
  - Proper storage conditions at all times
    - No use of dorm style refrigerator/freezer
  - Return spoiled/expired public vaccine to vaccine distributor within 6 months
VFC Participation Requirements

- No fraud or abuse as defined by CDC
- Participate in VFC site visits, unannounced visits, educational opportunities
- Replace dose-for-dose vaccine that has been wasted (if necessary)
- Use VOM to report VFC doses administered, physical inventory on hand, reconcile VFC vaccine inventory, and place orders
VFC Program Fraud & Abuse

- **Fraud**: an intentional deception or misrepresentation made by a person with the knowledge that the deception could result in some unauthorized benefit to himself or some other person.

- **Abuse**: provider practices that are inconsistent with sound fiscal, business, or medical practices and result in an unnecessary cost to the Medicaid program, the immunization program, a health insurance company, or a patient. Includes reimbursement for services that are not medically necessary or that fail to meet professionally recognized standards for health care.
Staff VFC Role - Provider

- Signs the enrollment forms
- Accountable for compliance with program requirements
- Accountable for vaccine loss
- Designates a VFC Primary Coordinator and back up
- Ensure that vaccine storage units meet VFC requirements
- Review and approve vaccine management plan
Staff VFC Role – VFC Coordinator

- Ensure 2x/day temperature logging, 1x/day min/max
- Maintain vaccine and emergency management plan
- Train staff on routine and emergency vaccine management
- Order & receive vaccines, keep VFC & private vaccine clearly marked, rotate stock, remove expired vaccine from unit
- Take immediate action for out of range temps
- Take the CDC trainings annually
Staff VFC Roles

VFC Back Up
- Responsible for duties when the VFC Primary Coordinator is not available
- Complete annual CDC training

Key Office Staff
- Know who the VFC Primary Coordinator and back up are
- Basic knowledge of vaccine management plan
Vaccine Accountability

- Providers agree to maintain adequate inventories of vaccine for both private and VFC-eligible patients
- All vaccine properly stored
- Borrowing between inventories should be a rare and unplanned event. It must be documented on the borrowing log and the dose paid back as soon as possible
  - Causes issues with reconciliation
Vaccine Management Plan

- Procedures for routine and emergency vaccine handling
- Plan kept near storage unit, all staff familiar
- Includes name of coordinator and backup, temperature monitoring, procedures for ordering and receiving vaccines, inventory control, documentation of wastage, emergency plan
Temperature Monitoring

- Data Loggers are the primary thermometers for temp monitoring (calibrated with current certificate)
- One data logger in for each unit
- One back up thermometer that also meets minimum requirements
- CIB currently providing 2 Data Logger units for temperature monitoring

Respond to out of range temperatures immediately
Temperature Excursions

- 490 excursions reported since April 2016
- 465 excursions resolved
- Approximately 1800 doses of compromised vaccines administered
- Multiple re-vaccinations in provider offices
What does VFC do when an excursion is reported?

- The Temperature Excursion Response Checklist and Incident Report template is emailed to the VFC contact.
- Place a vaccine hold on the provider account. The provider is notified.
- The VFC team reviews the requested documentation:
  - data logger reports
  - paper temp logs
  - manufacturer recommendations
  - completed incident report(s)
  - list of VFC vaccines involved in the excursion.
- When excursion is resolved, the vaccine hold is removed. The provider is notified.
Dose-Level Accountability

- Primary tracking done through VOM reconciliation
  - You receive VFC vaccine
  - System should show that it was given to VFC eligible children OR that you still have the dose in your inventory
Step By Step Process

- Orders are reviewed based on the number of doses given that are reported and the number of doses you have in your reported inventory.

- Doses given x 1.5 – ending inventory = number that should be ordered.

- If the number ordered is more than this (new provider, back to school) the provider should put that note into VOM.
Concerns about an order

- Orders held up or cancelled only for “red flags” (rare)
- CIB (Jason) adds a note to the vaccine order and rejects it.
- He waits for the order to be resubmitted with a response – if explained or fixed the order is approved.
- If no response, order remains in rejected status.
What are “red flags”

- Excessive unaccounted for doses
- Provider reports excessive borrowing of VFC vaccine for private patients
- Provider orders vaccine to replace doses lost due to a temperature excursion, especially if not previously reported
- Provider reports an equipment failure and/or replacement of vaccine unit (need to see temperature logs)
- Provider office moves – CIB not notified – vaccine shipment returned
Information and Updates on Requirements

- Enrollment visit
- Re-enrollment packet
- VFC compliance visits
- Memos
- VFC website – [www.coloradovfc.com](http://www.coloradovfc.com)
  - VFC Policies
  - Job Aids
  - Current forms
  - Memos
**VFC Program Changes 2018 & 2019**

- Vaccine return forms will be processed through VOM in CIIS.
- Data logger summary reports will be required for submission with vaccine orders.
- Data loggers will be replaced with an upgraded model with a audible alarm.
- Data loggers will be required for backup thermometers 1-1-2018.
- Colorado Refrigerator Replacement Project
- Household storage units will no longer be acceptable for VFC/317 vaccine storage 1-1-19.
Ensuring Smooth Sailing

- Communicate and report to CIB routinely
  - Temperature excursion
  - Office move or staff contact change
  - Any reason why additional vaccine is needed
  - Any concerns about vaccine received
  - Unusual circumstances or concerns

- Check email routinely

- Check VOM after placing a vaccine order for status

- Order based on the formula when possible
Ensuring Smooth Sailing

- Office staff well trained and clear on VFC program requirements
- Update office contact information when it changes
- Have new staff take the “You Call the Shots” VFC and Storage & Handling modules
- Notify us early if your office is changing locations
- Participate in one-on-one training if your office is having difficulty
Ensuring Smooth Sailing

- Avoid borrowing of vaccine
  - Consistent eligibility screening & documentation critical

- Timing of reconciliation and vaccine order
  - Inventory count must reflect doses as of the close of business on the reconciliation end date
    - Count inventory after all immunizations are given for the day and use that day as the end date
    - Count inventory in the morning before immunizations are given and use the previous day as the end date
  - Order should be placed soon after reconciliation closed to provide accurate current inventory data
  - If the reconciliation cannot be closed, contact the VOM help desk immediately to avoid vaccine delays
VFC Team

- 3 VFC staff (+1 vacant position)
- 3 Compliance officers
- 578 provider sites, at least 2 contacts per site (hard to communicate individually)
- On average we process 400 orders per month
  - Difficult to communicate multiple times to solve a problem with an order or reconciliation
  - VOM help desk created to provide support to providers
CIB Resources

- Main VFC program number
  - 303-692-2650 (someone on call every day)
- VFC Email (checked daily)
  - cdphe_vfc@state.co.us
- Website
  - www.coloradovfc.com
- VOM help desk
  - 303-692-2427
Questions?
Immunizations and Vaccines for Children (VFC) Update

Stephanie Wasserman, MSPH
Executive Director
Founded in 1991, the Colorado Children’s Immunization Coalition (CCIC) is a statewide 501(c)3 nonprofit that strategically mobilizes diverse partners and families to advance children’s health through immunizations.
Founded in 1991, the Colorado Children’s Immunization Coalition (CCIC) is the only statewide 501(c)3 nonprofit dedicated to increasing childhood immunization in Colorado.

Our core program areas are coalition building, community outreach and awareness, provider education and public policy.

We do not accept funding from vaccine manufacturers and distributors.
How is Colorado Doing?

$20.6 MILLION
There were $20.6 MILLION in hospital charges for treating Colorado children for vaccine-preventable diseases. Actual costs of those not hospitalized but with office and/or emergency department visits and pharmacy costs, as well as missed work, are much higher.

460 COLORADO CHILDREN
460 COLORADO CHILDREN were hospitalized with a vaccine-preventable disease in just one year.

63.8 PERCENT
Immunization helps to protect our youngest and most vulnerable community members. 63.8 PERCENT of Colorado children hospitalized with vaccine-preventable disease are four years of age or younger.

$400 MILLION
Vaccination prevented over 8,600 hospitalizations and averted nearly $400 MILLION in hospitalization charges among Colorado children.

2.5 MILLION
Worldwide, vaccines save 2.5 MILLION children’s lives each year.

25.7 PERCENT
25.7 PERCENT of two-year-olds in Colorado are under- or unvaccinated against one or more vaccine-preventable diseases.

According to the most recent data — *Source: 2015 Vaccine-Preventable Diseases in Colorado’s Children Report
<table>
<thead>
<tr>
<th>What We Do</th>
<th>Description</th>
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<tbody>
<tr>
<td>Community Outreach &amp; Awareness</td>
<td>Communicate vaccine information with healthcare providers, parents, the media and organizations across the country</td>
</tr>
<tr>
<td>Provider Education</td>
<td>Educate health care professionals on crucial and timely vaccine-related topics</td>
</tr>
<tr>
<td>Public Policy</td>
<td>Advocate for policies that aim to better protect Colorado children and communities</td>
</tr>
<tr>
<td>Coalition Building</td>
<td>Strengthen and expand Colorado’s childhood immunization initiatives and data through partnerships and collaboration</td>
</tr>
<tr>
<td>No- &amp; Low-Cost Vaccines</td>
<td>Partner to provide free and low-cost vaccines to families in need</td>
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</tbody>
</table>
Health care professionals received immunization education through CCIC’s monthly provider education events.

Participants received CE

Attended a full day Immunization Summit in Colorado Springs
Got Mumps?

Overview of Mumps Epidemiology and Surveillance in Colorado and the U.S.

Amanda Reiff, MPH, CPH
Vaccine Preventable Disease Epidemiologist
February 2017
Vaccine Social Media Intervention Trial

Jason Glanz, PhD
Kaiser Permanente Colorado, Institute for Health Research (IHR)
April 20, 2017
IMPACT OF NONMEDICAL VACCINE EXEMPTION POLICIES ON THE HEALTH AND ECONOMIC BURDEN OF MEASLES

Results from an Agent Based Transmission Model

Melanie Whittington, PhD
Research Faculty
Department of Clinical Pharmacy
University of Colorado Anschutz Medical Campus
Provider Resources

VaxCare Pilot

Colorado Refugee Immunization Provider HUB

Denver Metro Alliance for HPV Prevention

Clinic Resource

Parent Education and Awareness
VaxCare Services

• Only contracts with **private** insurance carriers
  – Eliminate upfront purchase of vaccines
  – Reimbursement for administration cost
  – All vaccines available except travel vaccines
  – Manufacturer selection

• Inventory Management
  – Track inventory
  – Automatically replenishment of vaccine stock or site has option to order vaccine as well.
Measured VaxCare’s ability to work with practices to meet at least one of the following goals:

• Initiate or re-start provision of vaccinations
• Provide all Advisory Committee on Immunization Practices recommended vaccines relevant to their patient population rather than just some
• Manage the provision of vaccines through a sustainable business model
WELCOME TO THE COLORADO REFUGEE IMMUNIZATION PROVIDER HUB

The following resource guide was developed by the members of the Colorado Refugee Immunization Taskforce as a compilation of refugee immunization-related information and guidelines to benefit providers who administer immunizations to refugees within the Colorado community.

Information on this site is specific to patients with “refugee” immigration status and may not apply to asylees, parolees, and/or immigrants. Definitions to distinguish between these terms are available here.
The Denver Metro Alliance for HPV Prevention

- A regional collaborative led by Denver Public Health to increase human papillomavirus (HPV) vaccination rates across five counties in the Denver metropolitan area. Members include Denver Public Health, Jefferson County Public Health, Tri-County Health Department, the Colorado Children’s Immunization Coalition, and the Adult and Child Consortium for Health Outcomes Research and Delivery Science.

- The project is funded by the Colorado Department of Public Health and Environment’s Amendment 35

- The Alliance aims to increase HPV vaccination rates in Adams, Arapahoe, Denver, Douglas and Jefferson Counties through four approaches:
Why do we care?

Denver-metro immunization coverage among 13-17 year-olds

<table>
<thead>
<tr>
<th></th>
<th>3+ HPV</th>
<th>1+ Tdap</th>
<th>1+ MCV4</th>
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</thead>
<tbody>
<tr>
<td>Adams</td>
<td>35%</td>
<td>84%</td>
<td>78%</td>
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<tr>
<td>Arapahoe</td>
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<td>Denver</td>
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<td>Douglas</td>
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<tr>
<td>Jefferson</td>
<td>31%</td>
<td>86%</td>
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Healthy People 2020 target: Completion rate = 80%
Practice Intervention Opportunity

• This project will pilot the use of a toolkit adapted from researchers at the University of Colorado, the CDC and major medical associations, that will help guide you through implementation of customizable, evidence-based quality improvement strategies to increase HPV vaccination uptake.

• If your practice chooses to implement this toolkit you will receive free Maintenance of Certification and/or Continuing Medical Education credits, ongoing support from a local public health nurse, your practice’s vaccination rates, and access to free communication materials.
Clinic Resources

Immunization Palm Cards
Order online:
www.childrensimmunization.org

Childhood Schedule
Adolescent Schedule
Adult Schedule
Contraindications
Perinatal HepB Prevention
Practice Poster
Order online: www.childrensimmunization.org
Can Be Personalized
Reasons Parents Refuse Vaccination

- Complacency
- Convenience
- Confidence
- Calculation
Immunization is a proud badge of honor you can choose to give to your child. Simple as that. And when they're protected, they're good. They're good to go out into the world and just be kids. Play with friends. Have adventures. Experience life the way only kids can.

Why does my child need so many vaccines?

Get the Facts
Las vacunas son como medallas de honor que usted puede darle a sus hijos con orgullo; tan simple como eso. Cuando ellos están protegidos, están bien. Pueden salir al mundo y ser niños, jugar con sus amigos, tener aventuras y vivir la vida como solo los niños saben hacerlo.

¿Porqué debo vacunar a mis hijos?

CONSÍGA LA INFORMACIÓN CORRECTA

IMMUNIZE COLORADO  -  POR QUÉ VACUNAMOS?  -  LAS VACUNAS  -  CENTRO DE RECURSOS

Colorado Children's Immunization Coalition © 2010 - 2018 - Normas de Privacidad
Are you Good to Go?

This free mobile web app allows parents to...

- Track their child(ren)’s vaccines on the CDC schedule
- Create personalized schedules by name and date of birth, up to age 6
- View completion progress for vaccine series
- Sign up for email reminders
- Print a list of current and recommended vaccines

m.immunizeforgood.com
1 million Total visits to ImmunizeforGood.org & VacunaloaporSuBien.org

11,780 Team Vaccine blog readers

120 Community Baby Fair attendees

75 Earned media stories

78 million #HPVFreeCO digital impressions
When my son started school, he had recently been diagnosed with adrenal insufficiency. What is a simple cold for some could easily become life-threatening for him. We toured several schools and asked about their vaccination rates, but some of them did not know the answer to that question. We were very concerned.

My child is one of many who relies on herd immunity. When children spend the majority of their daytime hours in schools or day cares, a low vaccination rate within a facility means a high risk of disease outbreak. Vaccines have been proven to be safe and effective, but if herd immunity levels drop below a certain percentage, there’s a danger.

Do you know how protected your school is? Thankfully, now you can find out. New legislation protects your right as a parent to request the overall immunization and exemption rate for any school or licensed day care facility. To find out, speak to a school administrator or check this database online: bit.ly/checkyournates

Colorado is one of only 18 states that allows for personal exemption of vaccines without medical necessity and therefore has some of the lowest levels of vaccinated children. I am thankful that the legislation allows for transparency.

Elizabeth Brown
Pueblo West
2017 FINALIST

BUSINESS AWARDS
DENVER METRO CHAMBER OF COMMERCE

Small Nonprofit Organization of the Year