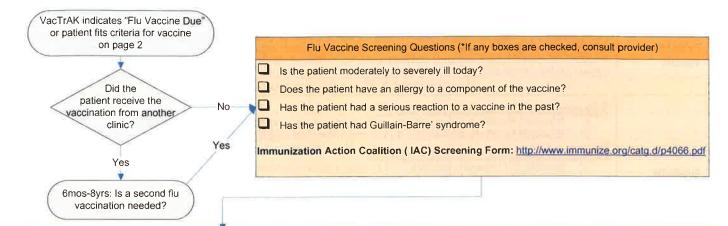
ANMC Protocol for 2017-18 Seasonal Flu Vaccine Administration to Children and Adults



Vaccine-specific Contraindications and State Vaccine Eligibility

State-provided influenza vaccine is available for all children, regardless of insurance or IHS beneficiary status. All adults are eligible for State-provided vaccine except adults with only Medicaid, Medicare, Tricare or Prudential. Use private supply for non-eligible adults. Screen and document eligibility appropriately.

Contraindications for all Flu vaccines: severe allergic reaction to the vaccine or vaccine component other than egg.

Precautions for all Flu vaccines: moderate or severe illness; Guillain Barre syndrome within 6 weeks of a previous influenza vaccination; egg allergy*.
*Egg Allergy: see page 2 for egg allergy guidance.

If any doubt, CMA/LPN/RN will get medical provider approval before administering vaccine.

Vaccine Information Statement (VIS) and Parental Consent:

- Consent involves providing VIS for seasonal injectable flu vaccine, discussing vaccine risks and benefits and documenting VIS publication date in Cerner.
- Unaccompanied Minor (under18 years of age)
 - Obtain parental consent by discussing VIS with parent or guardian by phone or have the minor bring a VIS signed by parent at time of vaccination.
 - Document in Cerner that consent was obtained from parent or guardian before any vaccine was given.
- Refusals: Parents who refuse vaccines need to be counseled by Provider or RN on risks of not vaccinating and document refusals in Cerner.

Administration of Vaccines

- Check vaccine name, ensure it is ageappropriate and check expiration date.
- Wash hands and draw up each vaccine into separate syringes.
- Label syringe with vaccine name.
- Use 2 patient identifiers to verify patient.
- Use correct needle length and injection technique
 - IM 22-25 gauge needle, inject at 90°
 - ☐ 6-12 months: 1 inch (thigh)
 - ☐ 1-2 yrs: 1 to 1 ¼ inch (thigh)
 - ☐ 3-18 yrs:

preferred: 1 inch (deltoid) alternative: 1 to 1 ¼ inch (thigh)

- ☐ Up to 152 lb: 1 inch (deltoid)
- >152 lb: 1-1 ½ inch (deltoid)
- Wipe area with alcohol swab.
- Separate injection sites by 1 inch if injecting two or more vaccines in single limb.
- Never inject vaccines in the buttocks.
- Immediately discard used needle/syringe in labeled, puncture-proof containers.

Documentation

Order and document vaccines in Cerner, Required documentation: patient name, date of birth, date of vaccination, vaccine name, dose, site and route of injection, lot number, expiration date, VIS publication date, vaccine funding source and eligibility. If vaccines are not given (i.e. contraindicated, refused), provider documents in 'Provider Note' and CMA/nurse documents in the 'Immunization Schedule' or MAR.

Outpatient Clinics:

Cerner

- CMA/ LPN/RN: check VacTrAK for vaccines due and enter order for vaccines using 'Protocol with Co-Signature'.
- Support Clinic: enter vaccine order with 'Protocol with Co-signature'.
- Provider: review vaccines due (using VacTrAK) and co-sign vaccine order.
- Vaccines may be given prior to provider cosignature.

VacTrAK

- Campus inventory is calculated in VacTrAK
- All vaccines transfer to VacTrAK from Cerner
- If vaccines are missing in VacTrAK, use "Historical" to manually enter immunizations.

Inpatient/ER/UCC Departments:

Cerner

- Provider orders flu vaccines in Cerner
- Nurse documents vaccine in MAR.

VacTrAK

- Campus inventory is calculated in VacTrAK
- All vaccines transfer to VacTrAK from Cerner
- If vaccines are missing in VacTrAK, use "Historical" to manually enter immunizations.

Administration of Pneumococcol and Influenza Vaccines to Adults

- RN completes Cerner immunization screening
- An order is generated in Cerner if the patient qualifies for pneumococcal or flu vaccine and the vaccine(s) appear on the MAR.

Adverse Reaction Monitoring, Reporting and Management

- Vaccine providers should observe the patient for 15 minutes after vaccination, Adolescents/adults should remain seated for 15 minutes to reduce risk of injury related to syncope (fainting).
- If an adverse reaction occurs, notify provider and complete Event Reporting. Provider/pharmacy file report to Vaccine Adverse Event Reporting System (VAERS) if indicated at www.vaers.hhs.gov
- Management of Acute Allergic Reaction: 'anaphylaxis' is very rare. Have Epinephrine and basic life support equipment available.

2017-18 Approved Use of Seasonal Influenza Vaccines

People Recommended To Receive Vaccine

Injectable

Indication &

dosage by product

Vaccine

All persons 6 months and older. See criteria below for children <9 years who may require two doses. When vaccine is in short supply, focus on:

Children 6 months through 59 months; elders 50 years of age and older; pregnant (or will be pregnant) women; persons with chronic pulmonary (including asthma), cardiovascular (except hypertension), renal, hepatic, hematologic, neurological, neuromuscular or metabolic disorders (including diabetes); immunosuppression; children 6 months-18 years receiving long-term aspirin therapy; Al/AN; persons morbidly obese (BMI ≥40), and residents of nursing homes and chronic-care facilities.

Inactivated Influenza Vaccine (IIV)

<u>6-35 months – dosage 0.25 mL route IM</u>

- Fluzone® Sanofi –Quadrivalent (pf) 0.25 ml single-dose prefilled syringe preservative-free (pf)
- Fluzone® Sanofi -Quadrivalent 0.25 ml drawn from multi-dose 5 mL vial

36 months and older – dosage 0.5 mL IM

- Fluarix® GSK -Quadrivalent (pf) − 0.5 ml single-dose prefilled syringe preservative-free (pf)
- Fluzone® Sanofi –Quadrivalent 0.5 ml drawn from multi-dose 5 mL vial

5 years and older - dosage 0.5 mL IM

• Afluria® Seqirus –Quadrivalent – 0.5 ml drawn from multi-dose 5 mL vial

Adults 18 years and older - dosage 0.5 mL IM

 FluBlok® Protein Sciences –Quadrivalent – 0.5 ml prefilled syringe –pharmacy will have a small supply IMPORTANT: FluBlok (RIV4) is an egg-free flu vaccine option for person with severe allergy to eggs

Alternative for Adults 65 years and older - dosage 0.5 mL IM

• Fluzone High Dose® Sanofi - Trivalent - 0.5 ml prefilled syringe for adults 65 years and older

For All Flu Vaccine

Contraindication

& precautions

Contraindications for all influenza vaccines

 Severe allergic reaction to the vaccine or to component other than egg. For list of vaccine components in the CDC Pink Book Appendix B, go to: http://www.cdc.gov/vaccines/pubs/pinkbook/downloads/appendices/b/excipient-table-2.pdf

Precautions for all influenza vaccines

- Moderate or severe illness (A person with a mild cold or other mild illness, with or without fever, may be vaccinated).
- Guillain Barre syndrome within 6 weeks of a previous influenza vaccination.
- Egg allergy*

*Eqq Allergy: CMA/LPN/RN, defer to medical provider. For patients with egg allergy, provider should review the current CDC influenza vaccination recommendations outlined below or available at: https://www.cdc.gov/mmwr/volumes/66/rr/rr6602a1.htm

PATIENTS WITH EGG ALLERGY

Persons with a history of egg allergy who have experienced only urticaria (hives) after exposure to egg should receive influenza vaccine. Any licensed and recommended influenza vaccine (i.e., any age-appropriate injectable flu vaccine or FluBlok®) that is otherwise appropriate for the recipient's age and health status may be used.

Persons who report having had reactions to egg involving symptoms other than urticaria (hives), such as angioedema, respiratory distress, lightheadedness, or recurrent emesis; or who required epinephrine or another emergency medical intervention, may similarly receive any licensed and recommended influenza vaccine (i.e., any age appropriate injectable flu vaccine or FluBlok®) that is otherwise appropriate for the recipient's age and health status. The selected vaccine should be administered in an inpatient or outpatient medical setting (including but not necessarily limited to hospitals, clinics, health departments, and physician offices). Vaccine administration should be supervised by a health care provider who is able to recognize and manage severe allergic conditions.

A previous severe allergic reaction to influenza vaccine, regardless of the component suspected of being responsible for the reaction, is a contraindication to future receipt of the vaccine.

NEED TWO DOSES? Influenza vaccine for children 6 months through 8 years, 2017-18

Children less than 9 years of age need 1 dose of flu vaccine this season if they have received:

 At least two total doses of trivalent or quadrivalent influenza vaccine before July 1, 2017. The two doses need not have been received during the same season or consecutive seasons. Doses should be at least 4 weeks apart.

Otherwise, the child needs 2 doses, with the second dose given a minimum of 4 weeks after the first dose.

Implementation of Protocols

Outpatient Clinics: This protocol, signed by the Medical Director, serves as a pre-authorized order for RNs, LPNs, and CMAs who have demonstrated competency to administer vaccines according to the protocol criteria. The immunization event is co-signed in Cerner by the attending provider.

Inpatient/ER/UCC Department: Provider orders vaccine in Cerner and RN documents immunization in Cerner MAR. The pneumococcal and influenza immunization screen in the Cerner Patient Admission powerform functions as a nurse-driven protocol used by the RN; an order is generated in Cerner if the patient qualifies for pneumococcal or flu vaccine and the vaccine(s) appear on the MAR. A provider's order is required for all other vaccines, such as Tdap.

The Criteria Contained in this Protocol is Derived from: CDC Summary Recommendations: Prevention and Control of Seasonal Influenza with Vaccines: Recommendations of the Advisory Committee on Immunization Practices (ACIP): https://www.cdc.gov/mmw/volumes/66/rr/rr6002a1.htm

PCC Medical Director:

PCC Nursing Director

President Medical Staff:
Chief Nursing Officer:

Director of Pharmacy:

Kara A. Klild

Date: 9-01

Date: 7/2// / Date: 9/28/17

Date: 4/25/17

Date: 9/10

These protocols shall remain in effect until June 30, 2018

Source: ANMC Influenza 2017 9-13-17

This protocol supercedes any other immunization recommendations found before this date.