Administering COVID-19 Vaccine in the Pediatric Office
October 20, 2021

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I have no conflicts of interest to disclose.

I will not be discussing off label use of any product. However, the vaccines I will be discussing have (or will have) received Emergency Use Authorization from the FDA for some of the age groups being discussed.
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Background

• Vaccines initially approved December 2020

• Currently three products approved:
  • Pfizer/BioNTech: Full approval for age 16+, Emergency Use Authorization (EUA) for ages 12-15. Anticipate EUA approval for ages 5-11 coming soon
  • Moderna: EUA for age 18+
  • Johnson and Johnson: EUA age 18+

• Practical terms: Pfizer/BioNTech is most efficient for pediatric offices
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WHY give the vaccine in your office

• Patients want to be vaccinated
• Parents know and trust their pediatrician
• Pediatricians are the VACCINE EXPERTS
• Pediatricians understand addressing vaccine hesitancy, and are the most impactful source of vaccine information for their families
• The Medical Home
• The vaccine is provided free of charge, and enhanced payments for administration can cover your costs of storage, administration and documentation
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WHERE to administer the vaccine

• Routine office visits (well and sick)
• Special vaccine clinics during office hours
• After-hours clinics
• Other sites: Schools, other sites of assembly
• Even at patients’ homes

NEVER WASTE AN OPPORTUNITY TO PROVIDE ANY NEEDED VACCINES
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HOW to get started

• All COVID-19 vaccines are provided free of charge, and distributed through either NYS or NYC
• You MUST be registered with the appropriate entity in order to receive vaccines
• This varies depending on whether you are in NYC or the rest of NYS
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NYS Providers (https://coronavirus.health.ny.gov/ProvidersVaccine)

• Register with NYSIIS and complete training online: https://health.ny.gov/prevention/immunization/information_system/docs/go_live_with_nysiis_checklist.pdf

• Enroll in the COVID-19 Vaccine program through the Health Commerce System (login to HCS: commerce.health.state.ny.us)

• Search for “COVID-19 vaccine Enrollment”

• Complete and submit form, and follow instructions received in return (sign MOU, complete surveys, etc.)

• You will receive instructions for ordering COVID-19 vaccine—done through NYSIIS ordering system (same as VFC vaccines)
NYS Providers (continued)

• When ordering Pfizer vaccine (recommended), enter the number of doses you want to order. You should receive a confirmation call asking if this is accurate. You may edit that number during the call.

• 12+—minimum order seems to be changing due to pause.

• 5-11—box is 10 vials x 10 doses. Initial order minimum 300 doses; subsequent orders 100 doses. PRE-ORDERING AVAILABLE NOW.

• Vaccine will be shipped frozen overnight.

• NOTE: Shipping of the vaccine for ages 12+ will be paused during the initial shipping period for the 5-11 year old doses, so plan accordingly.
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NYC Providers

• Register with NYC CIR: https://www1.nyc.gov/site/doh/providers/reporting-and-services/citywide-immunization-registry-cir.page

• Complete Provide Enrollment Agreement in the CIR

• You will receive ordering instructions following enrollment

• Questions: nycimmunize@health.nyc.gov
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Receiving and storing vaccines

• Enter received vaccines in NYSIIS/CIR inventory
• Pfizer (age 12+): Store in REGULAR VACCINE FREEZER for 14 days, then store in VACCINE REFRIGERATOR for 31 days—total 45 days
• Pfizer (age 5-11): VACCINE REFRIGERATOR for 10 weeks
• Order what you can use in 30 days or less, reorder regularly
• Follow CDC guidance for vaccine storage and handling: https://www.cdc.gov/vaccines/hcp/admin/storage/index.html
• Follow NYS/NYC requirements for vaccine reporting (same as NYSIIS/CIR requirements but should be reported DAILY)
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Administering the vaccine

• All vaccine recipients must complete the NYS COVID-19 vaccine form (on smartphone, tablet or paper): vaccineform.health.ny.gov
• CDC Guidance Summary: https://www.cdc.gov/vaccines/covid-19/info-by-product/pfizer/downloads/diluent-poster.pdf
• Dosing schedule: Day 0 and day 21 (or later)
• Record vaccine data in EHR and assure transmission to NYSIIS/CIR
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Administering the vaccine (5-11 year olds when authorized)

• Guidance for pediatric implementation:
  https://www.cdc.gov/vaccines/covid-19/planning/children.html
  https://www.cdc.gov/vaccines/covid-19/downloads/Pediatric-Planning-Guide.pdf

• Specific vaccine information: https://www.cdc.gov/vaccines/covid-19/downloads/Pfizer-Pediatric-Reference-Planning.pdf
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Pfizer-BioNTech COVID-19 Vaccines
PRELIMINARY – SUBJECT TO CHANGE PENDING REGULATORY GUIDANCE AND AUTHORIZATION/APPROVAL

<table>
<thead>
<tr>
<th>Description</th>
<th>Current Adult/Adolescent Formulation (1370 and 450 packs)</th>
<th>Future Pediatric Formulation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Age Group</td>
<td>12 years and older</td>
<td>5 to &lt;12 years**</td>
</tr>
<tr>
<td>Vial Cap Color</td>
<td>PURPLE</td>
<td>ORANGE</td>
</tr>
<tr>
<td>Dose</td>
<td>30 mcg</td>
<td>10 mcg</td>
</tr>
<tr>
<td>Injection Volume</td>
<td>0.3 mL</td>
<td>0.2 mL</td>
</tr>
<tr>
<td>Fill Volume (before dilution)</td>
<td>0.45 mL</td>
<td>1.3 mL</td>
</tr>
<tr>
<td>Amount of Diluent* Needed per Vial</td>
<td>1.8 mL</td>
<td>1.3 mL</td>
</tr>
<tr>
<td>Doses per Vial</td>
<td>6 doses per vial (after dilution)</td>
<td>10 doses per vial (after dilution)</td>
</tr>
</tbody>
</table>

Storage Conditions

- ULT Freezer (-90°C to -60°C): 9 months
- Freezer (-25°C to -15°C): 2 weeks
- Refrigerator (2°C to 8°C): 1 month

Q: Can the current adult/adolescent formulation (purple cap) be used to vaccinate children 5 to <12 years old once the vaccine is authorized for this age group?

A: No. For children under 12 years of age, you cannot use the current formulation and will need to use the future pediatric (orange cap) formulation.

Purple Cap – Adult/Adolescent: Authorized only for ages 12 years and older

Orange Cap – Pediatric: Future authorization for ages 5 to <12 years. A separate vaccine formulation specific for a 10mcg dose will be introduced.

NOTE: Use of the current adult/adolescent formulation (purple cap) to prepare doses for children 5 to <12 years would result in an injection volume for the 10mcg dose of 0.1mL, which is both generally considered too small for typical IM injections and has not been studied.

* Diluent: 0.9% sterile Sodium Chloride Injection, USP (non-bacteriostatic; DO NOT USE OTHER DILUENTS)
** The vaccine is currently under emergency use authorization review by the Food and Drug Administration (FDA) for children 5 to <12 years old
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Billing for vaccination services

• Pfizer (12+): Vaccine product CPT 91300. Bill either zero dollars or $0.01 (depending on your EHR) since the vaccine is provided at no cost

• Pfizer (12+): Admin code First dose 0001A, second dose 0002A, third dose 0003A and booster dose 0004A (last two for selected populations)

• Medicaid and most payers are paying $40 (+) for these admin codes, in recognition of increased work of counseling, obtaining, storing and administering these vaccines. NO PAYMENT WILL BE RECEIVED ON CPT 91300, AND PATIENTS MAY NOT BE CHARGED FOR THIS CODE
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Billing for vaccination services

• Pfizer (5-11): Vaccine product CPT 91307. Bill either zero dollars or $0.01 (depending on your EHR) since the vaccine is provided at no cost

• Pfizer (5-11): Admin code First dose 0071A, second dose 0072A.

• Payment amounts for these administration codes should be the same as for age 12+ product. If this is not the case, please let the Pediatric Council know. NO PAYMENT WILL BE RECEIVED ON CPT 91307, AND PATIENTS MAY NOT BE CHARGED FOR THIS CODE
Billing for vaccination services (cont’d)

- The AAP has additional information on coding and billing for COVID-related services (AAP login required): https://downloads.aap.org/AAP/PDF/COVID%202020.pdf
Special situations

• Immunizing parents and other adults: This may be done if you choose. Follow same guidance as above. You can bill adult’s insurance using codes above.

• Immunizing Medicare beneficiaries: Only possible if you are enrolled with Medicare. If enrolled, proceed as above. If not, and you wish to enroll with Medicare specifically for COVID vaccine administration, see: https://www.cms.gov/medicare/covid-19/enrollment-administering-covid-19-vaccines#
Special situations (continued)

- Uninsured patients: The Federal government has a program for billing for UNINSURED patients to receive the COVID-19 vaccine: https://coviduninsuredclaim.linkhealth.com/

- Underinsured patients: There is a separate program for UNDERINSURED (has insurance which does not fully cover vaccines) patients: https://www.hrsa.gov/covid19-coverage-assistance
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Questions?

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