Immunization Webinar Series
Back to School Vaccines
Lauren Fore, MD, FAAFP
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Nurses and Nurse Practitioners can submit Certificates of Attendance to their accrediting board to claim credit for participation in the live webinars.
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<tr>
<th>Name and Credentials</th>
<th>Role in Activity</th>
<th>Was there a relevant Financial Disclosure</th>
<th>List of Mitigated Disclosures</th>
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<tr>
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<td>Faculty/Presenter</td>
<td>No</td>
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<tr>
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<td>Planning Committee Member</td>
<td>No</td>
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<td>Planning Committee Member</td>
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<td>Nina Alfiere MD MS</td>
<td>Planning Committee Member</td>
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<td>Content Reviewer/CME</td>
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<td>Magale Avitia, MPH, CHES</td>
<td>Staff</td>
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<td>Moderator/Facilitator</td>
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<tr>
<td>Caroline Werenskjold, MPH</td>
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<td>Stephanie Atella</td>
<td>Staff</td>
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</table>
HELLO!

Lauren Fore, MD, FAAFP

Family Practice physician at Kirby Medical Center in Monticello, IL
IT'S ALMOST TIME FOR SCHOOL

BUT THERE'S STILL TIME TO GET VACCINATED

#VaxToSchool
Learning Objectives

1. Explain the importance of childhood and adolescent vaccination
2. Identify current guidelines for vaccinating kindergarten through middle school students
3. List guidance on immunizations and physicals for high schoolers
4. Understand vaccination needs for college students
Decreasing Vaccinations Post-Pandemic

COVID-19 led to decrease of routine immunizations among kindergarteners

https://www.cdc.gov/vaccines/imz-managers/coverage/schoolvaxview/data-reports/index.html
Rise in Exemptions

Illinois allows for medical and religious exemptions only

https://www.cdc.gov/vaccines/imz-managers/coverage/schoolvaxview/data-reports/index.html
Exemptions in Illinois

- If a parent brings a religious exemption form, you are still required to counsel them on:
  - What vaccines are needed
  - Why vaccinating is important
  - The dangers of being unvaccinated

- Up to the school official to decide if their listed objection is valid or not

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HEALTH CARE PROVIDER* – COMPLETE THIS SECTION

Provision of information: I have provided the parent or legal guardian of the student named above, with information regarding 1) the required examinations, 2) the benefits of immunization, and 3) the health risks to the student and to the community from the communicable diseases for which immunization is required in Illinois. I understand that my signature only reflects that this information was provided; I am not affirming the parent or legal guardian’s religious beliefs regarding any examination, immunization or immunizing agent.

Signature of health care provider* __________________________

Date: __________________________
(Must be within 1 year prior to school entry)

Health Care Provider Name: __________________________

Address: __________________________

Telephone #: __________________________
School Forms

▸ Forms that parent/guardian may bring for your signature:
  ▸ Certificate of Child’s Health Examination
  ▸ Sports Physical Form
  ▸ Food Allergy/Substitution
  ▸ Asthma Action Plan
  ▸ Medication consent/release forms
  ▸ Other medical records
2023 ACIP Immunization Schedule

- Be aware of new or updated ACIP recommendations
- ACIP Schedule for 0-18
- Parent-friendly versions (CDC)
  - 0-6 years
  - 7-18 years

![Back-to-School Vaccine Checklist](image-url)

- Starting School: 4-6 years
  - Diphtheria, tetanus and pertussis (DTaP)
  - Polio
  - Chickenpox
  - Measles, mumps and rubella
  - Flu
- Elementary School: 7-10 years
  - Flu
- Middle School: 11-13 years
  - Tetanus, diphtheria and pertussis (Tdap)
  - Meningococcal disease
  - Human papilloma virus (HPV)
  - Flu
- High School: 14-18 years
  - Meningococcal disease
  - Flu
Appointments

- Encourage yearly physicals
- Review vitals, growth
- Vaccines
  - Flu shot
  - Covid vaccine

It’s never too late to catch up on routine vaccinations.
### Bivalent Moderna COVID-19 Vaccine

**Vaccine type:** mRNA

**Monovalent Moderna vaccine is no longer recommended and should not be used.**

<table>
<thead>
<tr>
<th>Age</th>
<th>Vaccination History</th>
<th>Bivalent Vaccine Schedule</th>
<th>Administer</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>2 doses. Administer:</td>
<td>0.25 mL/25 μg from the vial with a blue cap and gray label border</td>
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<tr>
<td></td>
<td></td>
<td>• Dose 1 now</td>
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<td></td>
<td></td>
<td>• Dose 2 at least 4–8 weeks after Dose 1</td>
<td></td>
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<tr>
<td>Unvaccinated: 0 doses</td>
<td></td>
<td>1 dose. Administer:</td>
<td></td>
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<tr>
<td></td>
<td></td>
<td>• Dose 2 at least 4–8 weeks after Dose 1</td>
<td></td>
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<tr>
<td></td>
<td></td>
<td>No dose</td>
<td>No dose</td>
</tr>
<tr>
<td></td>
<td>1 dose of bivalent vaccine</td>
<td>1 dose. Administer:</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>• Dose 2 at least 4–8 weeks after Dose 1</td>
<td></td>
</tr>
<tr>
<td></td>
<td>At least 2 doses of bivalent vaccine</td>
<td>No dose</td>
<td>No dose</td>
</tr>
<tr>
<td>Previously vaccinated with monovalent mRNA COVID-19 vaccine</td>
<td></td>
<td>1 dose. Administer:</td>
<td></td>
</tr>
<tr>
<td></td>
<td>1 dose of monovalent vaccine</td>
<td>• Dose 2 at least 4–8 weeks after Dose 1</td>
<td></td>
</tr>
<tr>
<td></td>
<td>2 doses of monovalent vaccine</td>
<td>1 dose. Administer:</td>
<td>0.2 mL/10 μg from the vial with a dark pink cap and yellow label border</td>
</tr>
<tr>
<td></td>
<td></td>
<td>• Dose 3 at least 8 weeks (2 months) after Dose 2</td>
<td></td>
</tr>
<tr>
<td></td>
<td>At least 1 dose of monovalent vaccine and 1 dose of bivalent vaccine</td>
<td>No dose</td>
<td>No dose</td>
</tr>
<tr>
<td></td>
<td>Unvaccinated: 0 doses</td>
<td>1 dose now**</td>
<td>6 through 11 years:</td>
</tr>
<tr>
<td></td>
<td>1 or more doses of monovalent vaccine</td>
<td></td>
<td>0.25 mL/25 μg from the vial with a blue cap and gray label border</td>
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<td></td>
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<td></td>
<td>12 years and older:</td>
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<tr>
<td></td>
<td></td>
<td></td>
<td>0.50 mL/50 μg from the vial with a blue cap and gray label border</td>
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<tr>
<td></td>
<td>At least 1 dose of bivalent vaccine</td>
<td>No dose**</td>
<td></td>
</tr>
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</table>
## COVID Vaccine - Pfizer

Bivalent Pfizer-BioNTech COVID-19 Vaccine: Monovalent Pfizer-BioNTech vaccine is no longer recommended and should not be used.
Vaccine type: mRNA

<table>
<thead>
<tr>
<th>Age</th>
<th>Vaccination History</th>
<th>Bivalent Vaccine Schedule¹</th>
<th>Administer</th>
</tr>
</thead>
</table>
|     | Unvaccinated: 0 doses | 3 doses. Administer:  
- Dose 1 now  
- Dose 2 at least 3–8 weeks⁴ after Dose 1  
- Dose 3 at least 8 weeks (2 months) after Dose 2 | 0.2 mL/3 µg from the vial with a maroon cap |
|     | 1 dose of bivalent vaccine | 2 doses. Administer:  
- Dose 2 at least 3–8 weeks⁴ after Dose 1  
- Dose 3 at least 8 weeks (2 months) after Dose 2 | 0.2 mL/3 µg from the vial with a maroon cap |
|     | 2 doses of bivalent vaccine | 1 dose. Administer:  
- Dose 3 at least 8 weeks (2 months) after Dose 2 | 0.2 mL/3 µg from the vial with a maroon cap |
|     | At least 3 doses of bivalent vaccine | No dose | No dose |
|     | Previously vaccinated with monovalent mRNA COVID-19 vaccine | | |
|     | 1 dose of monovalent vaccine | 2 doses. Administer:  
- Dose 2 at least 3–8 weeks⁴ after Dose 1  
- Dose 3 at least 8 weeks (2 months) after Dose 2 | 0.2 mL/3 µg from the vial with a maroon cap |
|     | 2 doses of monovalent vaccine | 1 dose. Administer:  
- Dose 3 at least 8 weeks (2 months) after Dose 2 | 0.2 mL/3 µg from the vial with a maroon cap |
|     | 3 doses of monovalent vaccine | 1 dose. Administer:  
- Dose 4 at least 8 weeks (2 months) after Dose 3. | 0.2 mL/3 µg from the vial with a maroon cap |
|     | At least 2 doses of monovalent vaccine and 1 dose of bivalent vaccine | No dose | No dose |
| 5 years and older¹ | Unvaccinated: 0 doses | 1 dose now** | 5 through 11 years: 0.2 mL/10 µg from the vial with an orange cap |
|     | 1 dose or more doses of monovalent vaccine⁵ | 1 dose. Administer:  
- Vaccine at least 8 weeks (2 months) after the previous dose⁵ | 12 years and older: 0.3 mL/30 µg from the vial with a gray cap |
|     | At least 1 dose of bivalent vaccine | No dose** | No dose** |
## Infant Vaccines

<table>
<thead>
<tr>
<th>Vaccine</th>
<th>Birth</th>
<th>1 mo</th>
<th>2 mos</th>
<th>4 mos</th>
<th>6 mos</th>
<th>9 mos</th>
<th>12 mos</th>
<th>15 mos</th>
<th>18 mos</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hepatitis B (HepB)</td>
<td>1&lt;sup&gt;st&lt;/sup&gt; dose</td>
<td>←→</td>
<td>2&lt;sup&gt;nd&lt;/sup&gt; dose →</td>
<td></td>
<td>←→</td>
<td>3&lt;sup&gt;rd&lt;/sup&gt; dose →</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Rotavirus (RV): RV1 (2-dose series), RV5 (3-dose series)</td>
<td>1&lt;sup&gt;st&lt;/sup&gt; dose</td>
<td>2&lt;sup&gt;nd&lt;/sup&gt; dose</td>
<td>See Notes</td>
<td></td>
<td></td>
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<td></td>
<td></td>
</tr>
<tr>
<td>Diphtheria, tetanus, acellular pertussis (DTP&lt;7 yrs)</td>
<td>1&lt;sup&gt;st&lt;/sup&gt; dose</td>
<td>2&lt;sup&gt;nd&lt;/sup&gt; dose</td>
<td>3&lt;sup&gt;rd&lt;/sup&gt; dose</td>
<td>←→</td>
<td>4&lt;sup&gt;th&lt;/sup&gt; dose →</td>
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<tr>
<td><em>Haemophilus influenzae</em> type b (Hib)</td>
<td>1&lt;sup&gt;st&lt;/sup&gt; dose</td>
<td>2&lt;sup&gt;nd&lt;/sup&gt; dose</td>
<td>See Notes</td>
<td></td>
<td>←→</td>
<td>3&lt;sup&gt;rd&lt;/sup&gt; or 4&lt;sup&gt;th&lt;/sup&gt; dose, See Notes</td>
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<tr>
<td>Pneumococcal conjugate (PCV13, PCV15)</td>
<td>1&lt;sup&gt;st&lt;/sup&gt; dose</td>
<td>2&lt;sup&gt;nd&lt;/sup&gt; dose</td>
<td>3&lt;sup&gt;rd&lt;/sup&gt; dose</td>
<td>←→</td>
<td>4&lt;sup&gt;th&lt;/sup&gt; dose →</td>
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<tr>
<td>Inactivated poliovirus (IPV &lt;18 yrs)</td>
<td>1&lt;sup&gt;st&lt;/sup&gt; dose</td>
<td>2&lt;sup&gt;nd&lt;/sup&gt; dose</td>
<td></td>
<td>←→</td>
<td>3&lt;sup&gt;rd&lt;/sup&gt; dose →</td>
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<tr>
<td>COVID-19 (1vCOV-mRNA, 2vCOV-mRNA, 1vCOV-aPS)</td>
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<td>2- or 3-d</td>
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<tr>
<td>Influenza (IIV4)</td>
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<td>Annual vaccination 1 or</td>
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<tr>
<td>or Influenza (LAIV4)</td>
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<tr>
<td>Measles, mumps, rubella (MMR)</td>
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<td></td>
<td></td>
<td>See Notes</td>
<td>←→</td>
<td>1&lt;sup&gt;st&lt;/sup&gt; dose →</td>
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<tr>
<td>Varicella (VAR)</td>
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<td>See Notes</td>
<td>←→</td>
<td>1&lt;sup&gt;st&lt;/sup&gt; dose →</td>
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<tr>
<td>Hepatitis A (HepA)</td>
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<td></td>
<td></td>
<td></td>
<td>See Notes</td>
<td>←→</td>
<td>2-dose series, See Notes</td>
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</tr>
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</table>
Kindergarten

- Physical
- Vaccines
- Eye exam
- Dental exam
Kindergarten Vaccines

Required:
- DTap
- Polio
- MMR
- Varicella
6th Grade

Take steps to make sure your kids are ready to return to school with recommended vaccinations.

Physical

Counseling
- Drugs/alcohol/tobacco

Participating in sports?
6th Grade Vaccines

- DTap
- Meningococcal
- HPV - optional
Australia on track to eliminate cervical cancer by 2035 amid rising HPV vaccination rates

Experts call for public access to vaccine for all young people after free school program reduces infection rate by 92%

HPV vaccine benefits 'exceed expectations,' may lead to elimination of cervical cancer
9th Grade

Physical

Counseling:
- Drugs/alcohol/tobacco
- Seatbelts

Sports?
12th Grade

Physical not required

Vaccines
  ▶ Meningococcal (#2)
College

Vaccines

- Men-B
- Covid
- Flu
You Are A Trusted Messenger

- Misinformation about vaccines is still high
- You are still the most trusted source of vaccine information for parents
- Your strong recommendation is a powerful source of influencing decision to vaccinate

Figure 1. COVID-19 vaccine hesitant individuals who became less hesitant following a physician recommendation

https://www.umassmed.edu/arc-pbrn/current-projects/project-4-page-generic/trusted-messengers/
School Form Due Dates

▷ Know when school medical forms are due
  ▷ Chicago – October 15th
  ▷ Check with your county/school district

▷ Start patient outreach now
Resources

- CPS Health Requirements & School Health Forms 2023-2024
- IDPH 2022-2023 School Immunizations
- CDPH – Back to School
- ICAAP Back to School Toolkit – Coming Soon!
THANKS!

Any questions?
You can find me at Lfore@kirbyhealth.org
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IEA BUILDING, 3440 LIBERTY DR.
SPRINGFIELD, IL

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$100.00 scholarship available.

8.75 CME
This is an interactive course. Class size is limited to 30 participants.

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See the agenda and learn more here:
Upcoming Webinars

▸ Social Determinants of Health & Vaccine Equity (ICAAP Immunization Webinar Series)
  ▸ Tuesday July 18th from 12:00PM – 1:00PM

▸ State & National Vaccine Policy and Advocacy (ICAAP Immunization Webinar Series)
  ▸ Tuesday August 15th from 12:00PM – 1:00PM

▸ Illinois Vaccinates Against COVID-19 (I-VAC) Virtual Bootcamp
  ▸ Thursday August 24th from 8:00AM – 12:30PM

Register at illinoisaap.org/events