Communication is Key: Optimizing the Patient Encounter

Judith A. Melin, M.A., M.D., FACP
I, Judith A. Melin, M.A., M.D., FACP, have been asked to disclose any significant relationships with commercial entities that are either providing financial support for this program or whose products or service are mentioned during my presentations.

I have no relationships to disclose relevant to this presentation.

I am employed by Lahey Health where I practice internal medicine as a Primary Care physician, and by UpToDate, Inc, as Deputy Editor, Primary Care and Pathways.
Components

- Collaboration
- Knowledge resources
- Patient information
- Rapport
- Outreach

The team (just a few examples):

- Patient
- Health resources in the city or town
- Health resources at pharmacies
- Community resources
- Family
- Employer
Clinician
  • Considerations for adults
    • Healthy visit
    • Sick visit
    • Follow-up visit
    • Accompanying someone else

Clinical team member
  • Nurses
  • Pharmacists
  • Medical assistants
  • Reception
  • Secretary
  • Scheduling
  • Transport
Questions and considerations

- What patient questions should we be prepared for?
- How do we make answers readily available for clinicians’ questions?
- Clinical matters
  - Patient specific
  - Vaccine specific
- Logistics
- Communications
- Timing
The Adult Vaccine Quiz
Questions:

Are you
Male Female

I could become pregnant  I am pregnant now  I am not planning to become pregnant  I could not become pregnant

What year were you born? (some vaccines are age-related)

Will you be traveling outside the U.S. in the near future? Yes No

Do you have a weakened immune system due to illness or medications? Yes No
Several more questions, then ...

That's it! Just click "My Results" to find out which vaccines you may need.
The table below provides more information on each of the vaccines you may need.

Click on the vaccine name for more details.

The links at the bottom of the page will allow you to print these results and take them to your next medical appointments.
<table>
<thead>
<tr>
<th>Vaccine</th>
<th>Suggested because...</th>
</tr>
</thead>
<tbody>
<tr>
<td>Seasonal Flu (Influenza)</td>
<td>Everyone 6 months of age or older should get flu vaccine.</td>
</tr>
<tr>
<td><em>Haemophilus influenzae type b</em> (Hib)</td>
<td>Your spleen is missing or damaged.</td>
</tr>
<tr>
<td>Meningococcal</td>
<td>You plan to travel internationally. Go to <a href="https://wwwnc.cdc.gov/travel/diseases/">https://wwwnc.cdc.gov/travel/diseases/</a> to see for which countries meningococcal vaccine is recommended.</td>
</tr>
<tr>
<td>Vaccine</td>
<td>Suggested because...</td>
</tr>
<tr>
<td>-------------------------</td>
<td>----------------------------------------------------------</td>
</tr>
<tr>
<td>Pneumococcal</td>
<td>You have a weakened immune system.</td>
</tr>
<tr>
<td><strong>Tdap, Td</strong> - Tetanus,</td>
<td>You might need Tdap during each pregnancy.</td>
</tr>
<tr>
<td>Diphtheria, and Pertussis</td>
<td></td>
</tr>
</tbody>
</table>
Next Steps...
Share this information with your doctor or other health care professional, along with your vaccination record. If you do not have a vaccination record, now is a good time to start one.

Tell your doctor if you have already had any of these vaccines or diseases. To make sure you get the vaccines you need, your doctor will also need to know your allergies and history of disease.
## CDC Vaccine Recommendations

For HEALTHCARE PROFESSIONAL (HCP)

Here are vaccine recommendations for this patient, based on his or her immunization self-assessment on the Centers for Disease Control and Prevention website at [https://www.cdc.gov/vaccines/adultquiz](https://www.cdc.gov/vaccines/adultquiz). Use this chart to track when you discussed, recommended, and/or provided the suggested vaccines to your patient.

### Recommended Vaccinations

(Vaccine is not needed if the patient has already been immunized, is immune, or is not due the vaccine at this time. For more information about each vaccine and its indications, see below)

<table>
<thead>
<tr>
<th>Vaccine</th>
<th>Indications</th>
<th>Patient discussion and recommendation</th>
<th>Provided to patient</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Hepatitis A</strong></td>
<td>Patient plans to travel internationally. Check the travel website (<a href="https://wwwnc.cdc.gov/travel/diseases/">https://wwwnc.cdc.gov/travel/diseases/</a>) to see for which countries hepatitis A vaccine is recommended.</td>
<td>□ Discussed □ Recommended Date: ( / / )</td>
<td>□ Administered □ Referred out □ Declined □ Deferred Date: ( / / )</td>
</tr>
<tr>
<td><strong>Hepatitis B</strong></td>
<td>Patient has diabetes and should receive hepatitis B vaccine. Patient plans to travel internationally. Check the travel website (<a href="https://wwwnc.cdc.gov/travel/diseases/">https://wwwnc.cdc.gov/travel/diseases/</a>) to see for which countries hepatitis B vaccine is recommended.</td>
<td>□ Discussed □ Recommended Date: ( / / )</td>
<td>□ Administered □ Referred out □ Declined □ Deferred Date: ( / / )</td>
</tr>
</tbody>
</table>
# Information for vaccines routinely recommended for adults:

<table>
<thead>
<tr>
<th>Vaccine</th>
<th>Indications</th>
</tr>
</thead>
</table>
| Chickenpox   | The chickenpox (varicella) vaccine helps prevent chickenpox. People born in the United States before 1980 are considered to be immune to chickenpox.WHO should get the chickenpox vaccine:  
   • People born in the United States in 1980 or later who have never had chickenpox or the chickenpox vaccine  
   • People who have close contact with other people who are at high risk for chickenpox (such as healthcare workers and those who live with people who have a weakened immune system)  
   • People in settings where chickenpox can spread easily (such as teachers, childcare workers, and college students)  
   • International travelersWHO should not get the chickenpox vaccine:  
   • Pregnant women  
   • People with a weakened immune system  
   • People with HIV infection and a CD4 count under 200Go to [https://www.cdc.gov/vaccines/hcp/vks/vks-statements/varicella.pdf](https://www.cdc.gov/vaccines/hcp/vks/vks-statements/varicella.pdf) for information about chickenpox and chickenpox (varicella) vaccine. |
| Hepatitis A  | Hepatitis A vaccine helps prevent hepatitis A infection. Hepatitis A infection can cause jaundice, diarrhea, fever and weakness that can be severe.WHO should get the hepatitis A vaccine:  
   • Anyone who wants protection against hepatitis A virus infection  
   • People with chronic liver disease or blood clotting disorder.  
   • People who use drugs  
   • Men who have sex with men  
   • People who travel outside of the United States to areas where hepatitis A is common* |
This figure should be read with the footnotes and additional considerations that follow. This figure and the footnotes describe indications for which vaccines, if not previously administered, should be administered unless noted otherwise.

<table>
<thead>
<tr>
<th>Vaccine</th>
<th>Pregnancy</th>
<th>Immune compromised (excluding HIV infection)</th>
<th>HIV infection CD4+ count (cells/µl)</th>
<th>Asplenia, complement deficiencies</th>
<th>End stage renal disease, on hemodialysis</th>
<th>Heart or lung disease, alcoholism</th>
<th>Chronic liver disease</th>
<th>Diabetes</th>
<th>Health care personnel</th>
<th>Men who have sex with men</th>
</tr>
</thead>
<tbody>
<tr>
<td>Influenza</td>
<td></td>
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</tr>
<tr>
<td>Tdap or Td</td>
<td>1 dose Tdap each pregnancy</td>
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<tr>
<td>MMR</td>
<td>Contraindicated</td>
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</tr>
<tr>
<td>VAR</td>
<td>Contraindicated</td>
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</tr>
</tbody>
</table>

1 dose annually

1 dose Tdap then Td booster every 10 yrs

1 or 2 doses depending on indication

2 doses

https://www.cdc.gov/vaccines/schedules/hcp/imz/adult-conditions.html
# Table. Contraindications and precautions for vaccines recommended for adults aged 19 years or older*

The Advisory Committee on Immunization Practices (ACIP) recommendations and package inserts for vaccines provide information on contraindications and precautions related to vaccines. Contraindications are conditions that increase the risk of a serious adverse reaction in vaccine recipients and the vaccine should not be administered when a contraindication is present. Precautions should be reviewed for potential risks and benefits for vaccine recipients.

## Contraindications and precautions for vaccines routinely recommended for adults

<table>
<thead>
<tr>
<th>Vaccine(s)</th>
<th>Contraindications</th>
<th>Precautions</th>
</tr>
</thead>
<tbody>
<tr>
<td>All vaccines routinely recommended for adults</td>
<td>Severe reaction, e.g., anaphylaxis, after a previous dose or to a vaccine component</td>
<td>Moderate or severe acute illness with or without fever</td>
</tr>
</tbody>
</table>

## Additional contraindications and precautions for vaccines routinely recommended for adults

<table>
<thead>
<tr>
<th>Vaccine(s)</th>
<th>Additional Contraindications</th>
<th>Additional Precautions</th>
</tr>
</thead>
<tbody>
<tr>
<td>DTP, HIB</td>
<td>History of Guillain-Barré syndrome within 6 weeks after previous influenza vaccination</td>
<td>Egg allergy other than hives, e.g., angioedema, respiratory distress, lightheadedness, or severe anaphylaxis or another emergency medical intervention (IV may be administered in an outpatient or outpatient medical setting and under the supervision of a healthcare provider who is able to recognize and manage severe allergic conditions)</td>
</tr>
<tr>
<td>IPV</td>
<td>For pertussis-containing vaccines encephalopathy, e.g., coma, decreed level of consciousness, or prolonged seizures not attributable to another identifiable cause within 7 days of administration of a previous dose of a vaccine containing tetanus or diphtheria toxoid or acellular pertussis</td>
<td>Guillain-Barré syndrome within 6 weeks after a previous dose of tetanus toxoid-containing vaccine</td>
</tr>
<tr>
<td>MMR</td>
<td>Severe immunodeficiency, e.g., hematologic and solid tumors, chemotherapy, congenital immunodeficiency or long-term immunosuppressive therapy, human immunodeficiency virus (HIV) infection with severe immunosuppression</td>
<td>Recent (within 11 months) receipt of antibody-containing blood product (specific interval depends on product)</td>
</tr>
</tbody>
</table>

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https://www.cdc.gov/vaccines/schedules/downloads/adult/adult-combined-schedule.pdf#page=6
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