People without a functional spleen need vaccinations against pneumococcus, *haemophilus influenzae* type B, and meningococcus, to reduce the risk of life-threatening infections.

You have received immunizations listed at the end of this document. Please keep a copy with your personal medical records and also provide a copy to your primary care provider if they are not a University of Michigan physician.

**In order to provide the best protection, it's important that you receive your future vaccines on schedule.**

**Pneumococcal Vaccines:**

Patients without a spleen **need two types of pneumococcal vaccine:**

- Prevnar 13® (generic name: pneumococcal conjugate or PCV13)
- Pneumovax 23® (generic name: pneumococcal polysaccharide or PPSV23)

There are different recommendations for people under or over 65 years of age.

**If you are under age 65:**

- You need one dose of Prevnar 13 if no history of a previous dose
- You need one dose of Pneumovax 23 if you have a history of one or less doses and there has been at least 5 years since any prior dose of Pneumovax 23
- If needed, Prevnar 13® should be given first, follow by Pneumovax 23® at least 8 weeks later.
- If you never received Prevnar 13® but you received Pneumovax 23®, you will need a Prevnar 13® dose 12 months after receiving the Pneumovax 23®.

**If you are 65 years of age or older:**

- You need one dose of Prevnar 13 if no history of a previous dose
- If you have not had one dose of Pneumovax 23 at or after the age of 65, you will need one dose. There must be 5 years between this dose and any dose received prior to age 65.
• If needed, Prevnar 13® should be given first, follow by Pneumovax 23® at least 8 weeks later.
• If you never received Prevnar 13® but you received Pneumovax 23®, you will need a Prevnar 13® dose 12 months after receiving the Pneumovax 23®.

You may receive up to three doses of Pneumovax 23® in your lifetime: up to two doses under age 65 and one dose at age 65 or older. The doses must be given at least five years apart.

**Meningococcal Vaccines:**
Patients without a spleen need two types of meningococcal vaccine:
- **Menactra®** (Generic name: meningococcal conjugate or MCV4) which protects against meningococcal strains A, C, Y and W
- **Bexsero®** (Generic name: Meningococcal Group B Vaccine or MenB-4c) which protects against meningococcal B strain

**Menactra®** - If you have not had two previous doses of Menactra®, you will receive the initial series of two doses given 8-12 weeks apart and revaccination with Menactra® every 5 years thereafter.

**Bexsero®** - People without a spleen need a series of two doses of Bexsero® given at least 4 weeks apart. If you have already had a complete series of meningococcal B vaccine you will not need to repeat this series.

**Haemophilus influenzae b Vaccine (Hib)**
People without a spleen need one dose of PedvaxHib® if no history of a previous dose.

**Seasonal Influenza Vaccine**
Annual flu vaccine is recommended for every patient without a spleen.

**Additional vaccines**
Your doctor may recommend additional vaccines as necessary.

Please note that the Centers for Disease Control (CDC) guidelines are subject to change. To find the most up-to-date version of the immunizations guidelines visit [http://www.cdc.gov/vaccines/](http://www.cdc.gov/vaccines/)
## Immunization Schedule for patients with an **unplanned** splenectomy or splenic embolization:

(Inpatient providers: use this table as a reference for ordering. **Do not give this table to the patient.**)

<table>
<thead>
<tr>
<th>Initial Start Date: Date __________</th>
<th>4 weeks from Initial Start Date Due: __________</th>
<th>8 weeks from Initial Start Date Due: __________</th>
<th>12 weeks from Initial Start Date Due: __________</th>
<th>5 years + 12 weeks from Initial Start Date Due: __________</th>
</tr>
</thead>
</table>
| • **Prevnar 13®** if no known history of a previous dose | • **Bexsero®** - at least 4 weeks from first dose | **Pneumovax 23®** - Less than age 65:
You will need one dose of Pneumovax 23 if you have had one or fewer doses | • **Menactra®** - at least 8 weeks after first dose of Menactra, if you have not yet had a total of 2 or more doses | • **Menactra®** one dose every 5 years thereafter |
| • **PedvaxHib®** if no known history of a previous dose of Hib | • **Menactra®** - at least 4 weeks after Prevnar 13® if no history of two previous doses | Age 65 and older:
You will need one dose if you have not had one dose after age 65. | | • **Pneumovax 23®**
to equal two doses below the age of 65 plus one dose after age 65 |
| • **Bexsero®** | If no complete series of meningococcal B | Note: There must be at least 5 years between any Pneumovax 23 doses | | |
| • **Influenza vaccine** (during flu season) | | | | |

*UMHHC Immunization Committee*

Immunization Record for Adults with a Splenectomy or Splenic Embolization

- 3 -
**Immunization Schedule for patients with a **planned** splenectomy or splenic embolization:**

Ideally these vaccines are started at least two weeks before surgery.

(Inpatient providers: use this table as a reference for ordering. **Do not gives this table to the patient.**)

<table>
<thead>
<tr>
<th>Initial Start Date:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Date __________</td>
</tr>
<tr>
<td>4 weeks from Initial Start Date Due: __________</td>
</tr>
<tr>
<td><strong>• Prevnar 13®</strong> if no known history of a previous dose</td>
</tr>
<tr>
<td><strong>• Menactra®</strong> if no history of two previous doses</td>
</tr>
<tr>
<td><strong>• PedvaxHib®</strong> if no known history of a previous dose of Hib</td>
</tr>
<tr>
<td><strong>• Bexsero®</strong> If no complete series of meningococcal B</td>
</tr>
<tr>
<td><strong>• Influenza vaccine</strong> (during flu season)</td>
</tr>
</tbody>
</table>
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