People without a functional spleen need to be vaccinated 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:**
People without a spleen need pneumococcal conjugate vaccine:

**Prevnar 20® (generic name: pneumococcal conjugate or PCV20)**
- If you have not previously received PCV13, PCV15, PCV20 or PPSV23:
  - Receive 1 dose of PCV20
- If you have previously received Pneumovax 23® (generic name: pneumococcal polysaccharide or PPSV23) but not PCV13, PCV15 or PCV20
  - Receive PCV20 at least 12 months after PPSV23
- If you have previously received PCV13 but not PCV20 or PPSV23:
  -Receive 1 dose of PPSV23 at least 8 weeks later (may use PCV20 if PPSV23 is not available)

**Meningococcal Vaccines:**
People without a spleen need 2 types of meningococcal vaccine:

- **MenQuadfi®** (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
MenQuadfi® - If no history of 2 previous doses of Menactra® or MenQuadfi®, people without a spleen need an initial series of 2 doses of MenQuadfi®:
• Receive 8-12 weeks apart and get revaccinated with MenQuadfi® every 5 years thereafter.
• If you have started the series with Menactra®, you may complete the series with MenQuadfi®

Bexsero® - People without a spleen need a series of 2 doses of Bexsero® received 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.
• A MenB booster dose is recommended 1 year after completing a MenB series followed by MenB booster doses every 2-3 years thereafter.

Haemophilus influenzae b Vaccine (Hib)
People without a spleen need 1 dose of PedvaxHib® if no history of a previous dose.

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

Additional vaccines
Your doctor may recommend additional vaccines as necessary.

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

<table>
<thead>
<tr>
<th>Initial Start Date:</th>
<th>4 weeks from Initial Start Date</th>
<th>8 weeks from Initial Start Date</th>
<th>12 weeks from Initial Start Date</th>
<th>1 year from Bexsero series completion</th>
<th>5 years + 12 weeks from Initial Start Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Date _____________</td>
<td>Due: _____________</td>
<td>Due: _____________</td>
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- **Prevnar 20®** if no known history of a previous dose of pneumococcal conjugate vaccine (PCV13, PCV15 or PCV20)
- **PedvaxHib®** if no known history of a previous dose of Hib
- **Bexsero®** If no complete series of meningococcal B
- **Influenza vaccine** (during flu season)
- **Bexsero®** - at least 4 weeks from first dose
- **MenQuadfi®** - at least 4 weeks after pneumococcal conjugate vaccine if no history of two previous doses
- **Pneumovax 23®** - If PCV13 or PCV15 was given 8 or more weeks ago. If PCV20 was given at start date, do not receive PPSV23
- **MenQuadfi®** - at least 8 weeks after first dose of MenQuadfi, if you have not yet had a total of 2 or more doses
- **Bexsero** A booster dose of MenB now and every 2-3 years thereafter
- **MenQuadfi®** one dose every 5 years thereafter
Immunization Schedule for people with a **planned** splenectomy or splenic embolization:

- Ideally these vaccines are started at least 2 weeks before surgery.

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<th>8 weeks from Initial Start Date</th>
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<td>• <strong>MenQuadfi</strong>® - at least 8 weeks from first dose</td>
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<td>• <strong>MenQuadfi</strong>® if no history of 2 previous doses</td>
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<tr>
<td>• <strong>PedvaxHib</strong>® if no known history of a previous dose of Hib</td>
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