SPLENECTOMY VACCINE
SCHEDULE

Provider Information
WakeMed Immunization Guideline for Adults with Splenectomy or Splenic Embolization

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

**Who should receive splenectomy vaccines?**

Any patient who undergoes splenectomy or splenic embolization.

**When should the first vaccines be given for patients undergoing planned splenectomy or splenic embolization?**

Two-weeks before the planned procedure.

**When should the first vaccines be given for patients undergoing unplanned splenectomy or splenic embolization?**

Before discharge from the hospital or at two-weeks post procedure, whichever comes first.

**How are the first vaccines ordered if the patient is in the hospital?**

Using EPIC, search for “Splenectomy Vaccines.”

**How are vaccines ordered if the patient is receiving vaccinations in clinic?**

Using Cardinal. There are no order sets. Vaccines should be ordered at least 2 days in advanced and can be picked up at the inpatient pharmacy the day of vaccination.

**Which clinics have the ability to order, receive, and administer splenectomy vaccines?**

The Raleigh Clinic (NBA) is the only clinic. All patients who require splenectomy vaccines should be scheduled at the Raleigh Clinic (NBA), regardless of location preference.

**How are splenectomy patients tracked?**

Raleigh Clinic (NBA) staff maintains a logbook to ensure splenectomy patients are being followed appropriately.
How will patients be educated?

All splenectomy patients should receive an educational handout that with the post-splenectomy vaccine schedule. This is the same schedule providers use. WakeMed will ensure vaccinations are administered from time zero to the second round of splenectomy vaccines at 8-weeks. Long-term vaccination follow-up is the responsibility of the patient and their primary care provider.

Are there exceptions to who gets splenectomy vaccines and when?

Yes, please see the splenectomy schedule for more information.
# Splenectomy Vaccine Schedule

DO NOT PROCEED UNTIL REVIEWING EXCEPTIONS AND NOTES BELOW

<table>
<thead>
<tr>
<th></th>
<th>Initial Vaccines</th>
<th>8-week Vaccines</th>
<th>Long-term</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Date:</strong> __________</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Pneumococcal 13-valent conjugate</strong></td>
<td>√</td>
<td></td>
<td>Repeat every 5 years to equal 2 doses below the age of 65 plus one dose after age 65.</td>
</tr>
<tr>
<td>(PCV13 – Prevnar 13) 0.5 mL IM</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Pneumococcal polysaccharide</strong></td>
<td>√</td>
<td>√</td>
<td>Repeat every 5-years for life.</td>
</tr>
<tr>
<td>(PPSV23 – Pneumovax 23) 0.5 mL IM</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Meningococcal serogroups A, C, Y, &amp; W (MedQuadfi)</strong> 0.5 mL IM</td>
<td>√</td>
<td>√</td>
<td>Repeat at 1-year and every 3-years thereafter for life.</td>
</tr>
<tr>
<td><strong>Meningococcal serogroup B (Bexsero)</strong> 0.5 mL IM</td>
<td>√</td>
<td>√</td>
<td></td>
</tr>
<tr>
<td><strong>Haemophilus influenza type B (Hib - ActHIB)</strong> 0.5 mL IM</td>
<td>√</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

## Exceptions:

- Vaccination should be delayed if the patient is critically ill with compromised immune response (e.g. septic, on vasopressors, receiving high-dose steroids, etc.)

## Initial Vaccines:

- Planned procedure: Two-weeks *before* a planned procedure.
- Unplanned: Before discharge from the hospital or at two-weeks post procedure, whichever comes first.
Notes:

- **Prevnar 13:**
  - Should only be given if no history of previous dose.

- **Pneumovax 23:**
  - There must be at least 5-years between doses.
  - Patients should receive Pneumovax 23 every 5 years to equal 2 doses below the age of 65 plus one dose after age 65.
  - If the patient is age 65 or greater and has already received the Pneumovax 23 they do not require an additional dose.

- **MedQuadfi:**
  - Give series of 2 if no history of 2 previous doses.
  - Repeat every 5 years for life.

- **Bexsero:**
  - Give series of 2 if no history of 2 previous doses.
  - Repeat at 1-year and every 3-years thereafter for life.

- **ActHIB:**
  - Should be given if no history of previous dose.

References:

- Centers for Disease Control
- Vanderbilt University Splenectomy Vaccine Guideline
- University of Michigan Splenectomy Vaccine Guideline