



Immunization Record for Adults with a Splenectomy or Splenic Embolization

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/>

Immunization Schedule for patients with an **unplanned** splenectomy or splenic embolization:

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

Initial Start Date: Date _____	4 weeks from Initial Start Date Due: _____	8 weeks from Initial Start Date Due: _____	12 weeks from Initial Start Date Due: _____	5 years + 12 weeks from Initial Start Date Due: _____
<ul style="list-style-type: none"> • Pevnar 13® if no known history of a previous dose • PedvaxHib® if no known history of a previous dose of Hib • Bexsero® If no complete series of meningococcal B • Influenza vaccine (during flu season) 	<ul style="list-style-type: none"> • Bexsero® - at least 4 weeks from first dose • Menactra®- at least 4 weeks after Pevnar 13® if no history of two previous doses 	<p>Pneumovax 23® -</p> <p>Less than age 65: You will need one dose of Pneumovax 23 if you have had one or fewer doses</p> <p>Age 65 and older: You will need one dose if you have not had one dose after age 65.</p> <p>Note: There must be at least 5 years between any Pneumovax 23 doses</p>	<ul style="list-style-type: none"> • Menactra®- at least 8 weeks after first dose of Menactra, if you have not yet had a total of 2 or more doses 	<ul style="list-style-type: none"> • Menactra® one dose every 5 years thereafter • Pneumovax 23® to equal two doses below the age of 65 plus one dose after age 65

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 give this table to the patient.**)

Initial Start Date: Date _____	4 weeks from Initial Start Date Due: _____	8 weeks from Initial Start Date Due: _____	5 years + 8 weeks from Initial Start Date Due: _____
<ul style="list-style-type: none"> • Prevnar 13® if no known history of a previous dose • Menactra® if no history of two previous doses • PedvaxHib® if no known history of a previous dose of Hib • Bexsero® If no complete series of meningococcal B • Influenza vaccine (during flu season) 	<ul style="list-style-type: none"> • Bexsero® - at least 4 weeks from first dose 	<ul style="list-style-type: none"> • Menactra® - at least 8 weeks from first dose <p>Pneumovax 23® - Less than age 65: You will need one dose of Pneumovax 23 if you have had one or fewer doses</p> <p>Age 65 and older: You will need one dose if you have not had one dose after age 65.</p> <ul style="list-style-type: none"> • Note: There must be at least 5 years between any Pneumovax 23 doses 	<ul style="list-style-type: none"> • Menactra® one dose every 5 years thereafter <p>Pneumovax 23® to equal two doses below the age of 65 plus one dose after age 65</p>

Disclaimer: This document contains information and/or instructional materials developed by the University of Michigan Health System (UMHS) for the typical patient with your condition. It may include links to online content that was not created by UMHS and for which UMHS does not assume responsibility. It does not replace medical advice from your health care provider because your experience may differ from that of the typical patient. Talk to your health care provider if you have any questions about this document, your condition or your treatment plan.

Authors: Linda McGrath BSN, RN; Ruti Volk MSI, AHIP

Patient Education by [University of Michigan Health System](#) is licensed under a [Creative Commons Attribution-NonCommercial-ShareAlike 3.0 Unported License](#). Last Revised 5/18/2016