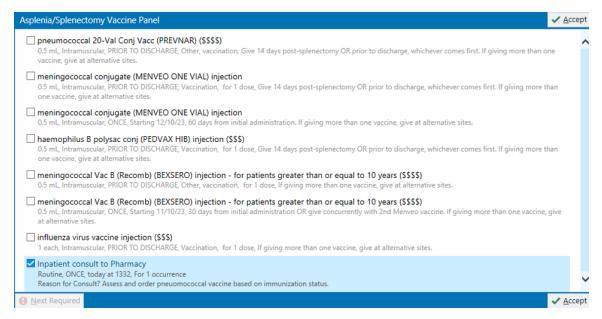
Trauma Center Practice Management Guideline

Iowa Methodist Medical Center — Des Moines

Splenectomy Vaccines Pathway for Trauma Patients IMMC/ILH Adult Critical Care Areas ADULT & PEDIATRIC Practice Management Guideline Contact: Trauma Center Medical Director Last Revised: 04/2024

CDC Immunization Recommendations for Patients with Functional or Anatomic Asplenia		
Vaccine	Primary Series	Revaccination (booster)
Preumococcal PCV 20 or (PCV 13 + PPSV 23)	Based upon pneumococcal vaccination history	
Haemophilus influenza type b Hib	1 dose	None
Meningococcal serotype ACWY MenACWY (Menveo)	2 doses, at least 8 weeks apart	Every 5 years
Meningococcal serotype B MenB (Bexsero)	2 doses, at least 1 month apart	One dose 1 year after completing the primary series and every 2-3 years thereafter
Influenza	1 dose at the start of influenza season	Annually

- 1. Patients with splenectomy may need additional immunizations for asplenia.
- 2. Patients with spleen embolization do NOT require immunizations.
- 3. Vaccines should be administered two weeks after splenectomy or prior to discharge, whichever comes first. Do not miss the opportunity to vaccinate.
- 4. The Asplenia/Splenectomy Vaccine Panel should be used to order the necessary vaccines.
 - a. Initial and subsequent doses of the meningococcal vaccines series should be ordered.
 - b. Initial doses should be administered prior to discharge.
 - c. Upon discharge, subsequent doses should be ordered to continue upon discharge. This improves communication for the patient and primary care provider on vaccines and timing for completing vaccine series on the After Visit Summary.
 - d. The Inpatient consult to Pharmacy directs the pharmacist to complete an immunization history and select of the correct pneumococcal vaccine, which may depend on patient age and immunization history.



References:

- Freeman JJ, Yorkgitis BK, Haines K, et al. Vaccination after spleen embolization: A practice management guideline from the Eastern Association for the Surgery of Trauma. Injury. 2022; 53:3569-74.
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- Wodi AP, Murthy N, McNally VV, et al. Advisory Committee on Immunization Practices Recommended Immunization Schedule for Children and Adolescents Aged 18 Years or Younger—United States, 2024. MMWR Weekly. January 11, 2024;73(1):6-10.
- Kobayashi M, Pilishvili T, Farrar JL, et al. Pneumococcal vaccine for adults aged ≥19 years: Recommendations of the Advisory Committee on Immunization Practices, United States, 2023. MMWR Recomm Rep 2023; 72(RR-3):1-39.