

UnityPoint Health Des Moines Pharmacy Department

Drug Therapy Management Practice Protocol – Post Splenectomy Vaccinations

Rationale: Pharmacists have the knowledge and training to contribute greatly to the healthcare of patients through vaccination assessment and education. Pharmacists are also willing to manage medications with well-defined dosing and schedules including immunizations. Vaccination post splenectomy is an important component of patient care to ensure that patients are protected against encapsulated bacterial pathogens.

Authorized Pharmacist: An authorized pharmacist is defined as a registered pharmacist approved by the UnityPoint Des Moines Pharmacy department to assess and order vaccinations based on the physician consult. The authorized pharmacist will be required to complete competency training as outlined below.

Procedure: An authorized prescriber will write the order for splenectomy vaccinations via the order panel in the EMR. Vaccinations included in the panel include: Menactra(Men A,C,W,Y) (initial and follow up dose), Bexsero (Men B) (initial and follow up dose), HIB, and a PPSV23 with a pharmacy consult to assess for the appropriate pneumococcal vaccination to be administered. The pharmacist will then utilize the EMR and IRIS as well as patient interview to assess the most appropriate pneumococcal vaccination to be administered during this hospitalization. Once the assessment is complete the pneumonia vaccine will be ordered in the EMR. The alternative/ additional pneumococcal vaccine will be ordered via the EMR (timed appropriately) to be printed on the discharge to assist in outpatient follow-up. The pharmacist will then provide education to the patient about vaccinations for post –op splenectomy. See the included immunization dosing information as adapted from the CDC website.

Writing a Progress Note: A progress note will be left by the authorized pharmacist, including, subjective and objective applicable information as well as assessments and the plan for the patient.

Continuity of Care Process: Future vaccinations will be timed as such in the EMR to ensure that these immunizations will appear on the discharge paperwork. The patient will also receive education from the pharmacist regarding follow-up immunizations. The pharmacist will also communicate this information with the medical team.

Development/Training: Pharmacists will complete training provided by the UnityPoint Health Des Moines Pharmacy department and will then be evaluated for competency. Once a pharmacist has met the competency to assess and order vaccinations, the pharmacist will be an approved “Authorized Pharmacist”.

Post Splenectomy Vaccination Supplement

-HIB

-Menactra – even if greater than 55 years old. The patient should receive an initial dose and then the 2nd dose at 60 days. Menactra is given in this population because of the need for re-vaccination at the 5 year mark. <http://www.cdc.gov/mmwr/preview/mmwrhtml/rr6202a1.htm>

-Men B – Bexsero product – The patient should receive an initial dose and then a 2nd dose at 30 days. It is important to note that the MenB products are not interchangeable.
<http://www.cdc.gov/mmwr/preview/mmwrhtml/mm6422a3.htm>

-Pneumococcal Vaccines – The pharmacist will assess which vaccine the patient should receive. If the patient has had no previous pneumococcal vaccine, give the Prevnar 13. The patient should then receive the Pneumovax 23 eight weeks after the Prevnar 13 was given. If the patient has already received a Pneumovax 23, a time of at least year needs to occur before the patient can receive the Prevnar 13.
<http://www.cdc.gov/vaccines/schedules/downloads/adult/adult-combined-schedule-bw.pdf>

-Influenza – if in appropriate season