## Pneumococcal Polysaccharide Vaccine (PPSV23) Protocol for SCC Care Coordinators

### Patients

1. **Age 65 years and older without a history of PPSV vaccination.**
   - Adults younger than 65 years with Chronic Lung Disease (including Chronic Obstructive Pulmonary Disease, Emphysema, and Asthma); Chronic Cardiovascular Diseases; Diabetes Mellitus; Chronic Liver Disease (include Cirrhosis); Alcoholism; Cochlear Implants; Cerebrospinal Fluid Leaks; Immuno-compromising Conditions; Functional or Anatomic Asplenia (e.g., Sickle Cell Disease and other Hemoglobinopathies, Congenital or Acquired Asplenia, Splenic Dysfunction, or Splenectomy, (if elective Splenectomy is planned, Vaccinate at least 2 weeks before Surgery).
   - A. Residents of nursing homes or long-term care facilities.
   - B. Adults who smoke cigarettes.
2. Persons with Asymptomatic or symptomatic HIV Infection should be vaccinated as soon as possible after their diagnosis.
3. When Cancer Chemotherapy or other Immunosuppressive therapy is being considered, the Interval between vaccination and Initiation of immunosuppressive therapy should be at least 2 weeks. Vaccination during Chemotherapy or radiation therapy should be Avoided!
4. One time revaccination 5 years after the first dose is recommended for persons 19 through 64 years of age with Chronic Renal Failure or Nephrotic Syndrome; Functional or Anatomic Asplenia (e.g., Sickle Cell Disease or Splenectomy); and for persons with immuno-compromising Conditions.
5. Persons who receive PPSV before age 65 years for any indication should receive another dose of the vaccine at age 65 years or later if at least 5 years have passed since their previous dose.

### Contraindications / Risks and Benefits

1.**PPSV is contraindicated if a person has a history of severe allergic reaction (e.g., Anaphylaxis) after a pervious dose.**
2. If the patient has a moderate or severe acute illness with or without a fever, **DO NOT GIVE PPSV without Clinician pre-approval.**
   - A. If Clinician does not approve, encourage patient to return for PPSV when they are better.
   - B. Queue up PPSV order in Epic.
3. About half of people who get PPSV have mild side effects such as Redness or Pain where the shot is given. Less than 1% develop a fever, muscle aches or more severe local reactions. The risk of serious harm or death is extremely small.
4. **PPSV protects against Pneumococcal illnesses such as Pneumonia (Lungs), Bacteremia (Blood) and Meningitis (covering of the Brain.)**
5. **Pneumococcal Pneumonia kills 1 of 20 people who get the infection.**

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Procedure

1. Check to see if the patient fits the categories of people who need Pneumococcal Vaccine (PPSV 23)
   
   A. Check to see if the patient has had a Pneumococcal Vaccine in the past 5 years, or has already had two doses. These people do not need Pneumococcal Vaccine.
   
   B. Ask about prior SEVERE reaction to Pneumococcal Vaccine:
      - If the patient has a history of SEVERE reactions do not give them a Pneumococcal Vaccine.
      - Make sure that is noted in the allergy section of EPIC.
   
   C. If Vaccine is indicated and there is no contraindication:
      - Give the patient a “Pneumococcal Vaccine Information Sheet”
      - If the patient agrees to be vaccinated:
         - Enter an order for Pneumococcal 23 Vaccine in EPIC for the Clinician to sign later.
         - Give patient the Vaccine
         - Note in EPIC that the Vaccine was given.

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