Pneumococcal Vaccination

Routine vaccination

* **Age 65 years or older**(immunocompetent):
  + 1 dose PPSV23
  + If PPSV23 was administered prior to age 65 years, adminster 1 dose PPSV23 at least 5 years after previous dose

Shared clinical decision-making

* **Age 65 years and older** (immunocompetent):
  + 1 dose PCV13 based on**shared clinical decision-making**
  + If both PCV13 and PPSV23 are to be administered, PCV13 should be administered first
  + PCV13 and PPSV23 should be administered at least 1 year apart.
  + PCV13 and PPSV23 should not be administered during the same visit

Special situations

* **Age 19 through 64 years with chronic medical conditions (chronic heart [excluding hypertension], lung, or liver disease, diabetes), alcoholism, or cigarette smoking**:
  + 1 dose PPSV23
* **Age 19 years or older with immunocompromising conditions (congenital or acquired immunodeficiency [including B- and T-lymphocyte deficiency, complement deficiencies, phagocytic disorders, HIV infection], chronic renal failure, nephrotic syndrome, leukemia, lymphoma, Hodgkin disease, generalized malignancy, iatrogenic immunosuppression [e.g., drug or radiation therapy], solid organ transplant, multiple myeloma) or anatomical or functional asplenia (including sickle cell disease and other hemoglobinopathies)**:
  + 1 dose PCV13 followed by 1 dose PPSV23 at least 8 weeks later, then another dose PPSV23 at least 5 years after previous PPSV23; at age 65 years or older, administer 1 dose PPSV23 at least 5 years after most recent PPSV23 (note: only 1 dose PPSV23 recommended at age 65 years or older)
* **Age 19 years or older with cerebrospinal fluid leak or cochlear implant**:
  + 1 dose PCV13 followed by 1 dose PPSV23 at least 8 weeks later; at age 65 years or older, administer another dose PPSV23 at least 5 years after PPSV23 (note: only 1 dose PPSV23 recommended at age 65 years or older)