

Vaccination for adult patients with functional or anatomic asplenia

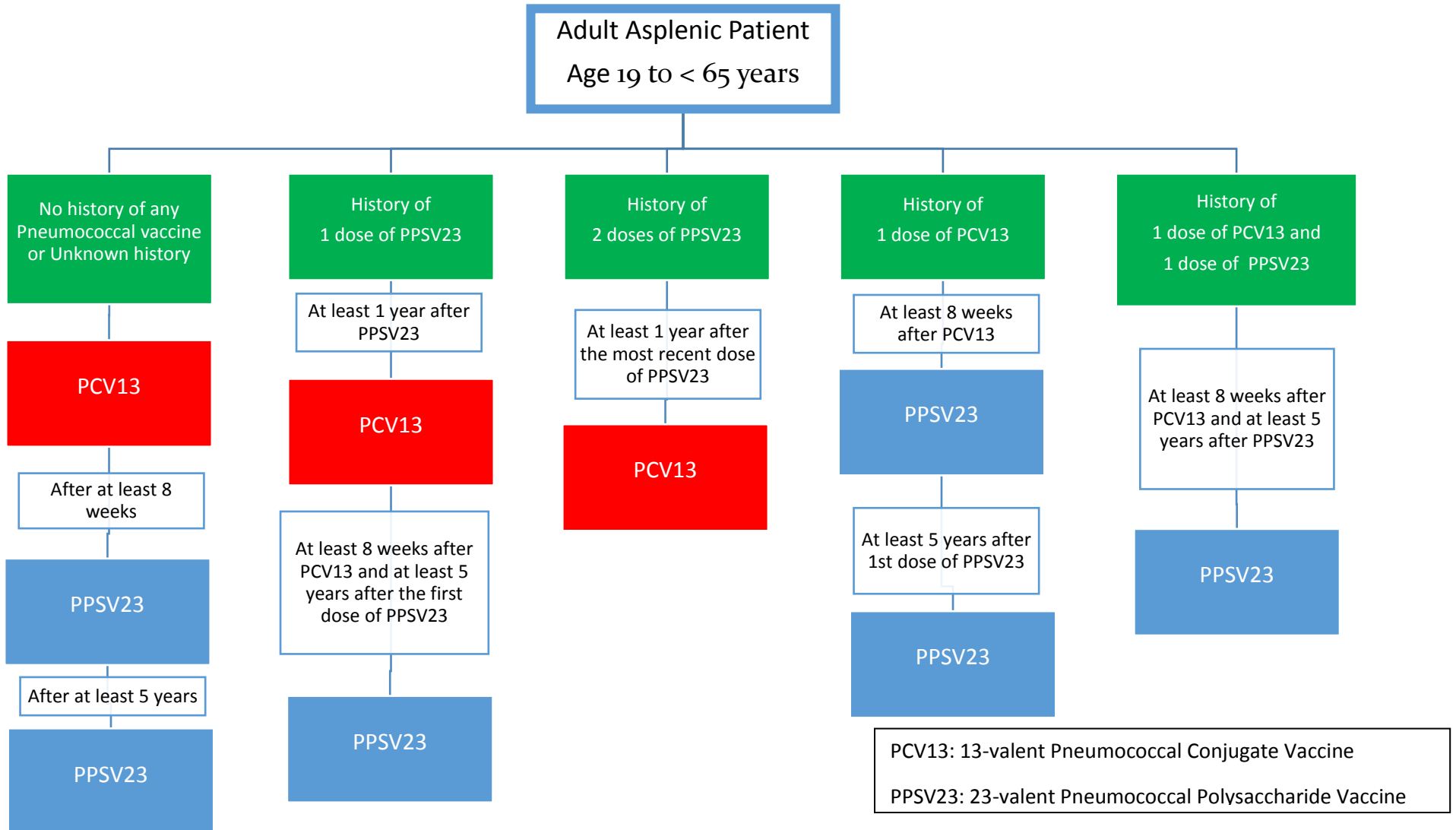
Vaccines needed: (1) Haemophilus influenzae type B vaccine, (2) Meningococcus serogroups A, C, Y, W vaccine, (3) Meningococcus serogroup B vaccine, and (4) Pneumococcus vaccine. It is safe to give all four vaccines at the same time, in different injection sites.

1. Haemophilus influenzae type B vaccine
 - a. One dose (0.5 mL IM) once
2. Meningococcus Serogroups A, C, Y, W vaccines
 - a. Two commercially available vaccines (Menveo is preferred):
 - i. Menveo®
 1. Administer 2 doses (each dose 0.5 mL IM) at least 2 months apart and revaccinate every 5 years
 - ii. Menactra®
 1. Administer 2 doses (each dose 0.5 mL IM) at least 2 months apart and revaccinate every 5 years
 - a. Menactra® interferes with antibody response of Prevnar® in pediatric studies. Therefore, it is not recommended to administer Menactra® and Prevnar® concomitantly.
 - b. If only Menactra® is available for administration, it is recommended to administer Prevnar® first and administer Menactra® 4 weeks after Prevnar®
 - iii. Menveo® and Menactra® are otherwise interchangeable for persons age 9 months and older
3. Meningococcus Serogroup B vaccine
 - a. Two commercially available vaccines (either vaccines can be used)
 - i. Trumenba®
 1. 3-dose series (each dose 0.5 mL IM) administered at 0, 2, 6 months
 - ii. Bexsero®
 1. 2-dose series (each dose 0.5 mL IM) administered at 0 and 1 month
 - b. Trumenba® and Bexsero® vaccines **are not interchangeable** – patients must complete the series with the same vaccine.
 - c. Trumenba® or Bexsero® can be administered with Menveo® (Meningococcus Serogroup A,C,Y,W) at the same time but should be administered at different anatomic sites.
4. Pneumococcal vaccines - 2 types of pneumococcal vaccines needed
 - a. Pneumococcal vaccine-naïve patients aged 19 years to 64 years should receive a dose of Prevnar® (PCV13) first, followed by a dose of Pneumovax® (PPSV23) at least 8 weeks later and a second dose of Pneumovax® at least 5 years after the first Pneumovax
 - b. Pneumococcal vaccine-naïve patients aged ≥ 65 years should receive a dose of Prevnar® (PCV13) first, followed by a dose of Pneumovax® (PPSV23) at least 8 weeks later. No second dose of Pneumovax® is recommended by ACIP at this time.
 - c. Patients with history of prior receipt of pneumococcal vaccines – See Algorithm below

Patients (age 19 to < 65 years) with functional or anatomic asplenia - Pneumococcal Vaccine Schedule

Elective splenectomy - patients should be vaccinated at least 2 weeks before an elective splenectomy

Non-elective splenectomy – patients should be vaccinated as soon as patient is stable



Patients (age ≥ 65 years) with functional or anatomic asplenia - Pneumococcal Vaccine Schedule

Elective splenectomy - patients should be vaccinated at least 2 weeks before an elective splenectomy

Non-elective splenectomy – patients should be vaccinated as soon as patient is stable

