In Option A2, consider a minimum interval of 8 weeks between PCV15 and PPSV23 for these conditions:

- Immunocompromising conditions, CSF leak or cochlear implant
- Alcoholism
- Cigarette smoking
- Diabetes mellitus
- Chronic heart disease
- Chronic liver disease
- Chronic lung disease
- HIV infection
- Immunodeficiency, congenital or acquired
- Iatrogenic immunosuppression
- Solid organ transplant
- Asplenia, congenital or acquired
- CSF leak
- Cochlear implant
- Chronic renal failure
- Nephrotic syndrome
- Sickle cell disease or other hemoglobinopathies
- Generalized malignancy
- Leukemia
- Lymphoma
- Hodgkin disease
- Multiple myeloma

^Other risk factors
In Option A2, minimum interval of 1 year between PCV15 and PPSV23 for these conditions:

- Alcoholism
- Diabetes mellitus
- Chronic heart disease
- Chronic liver disease
- Chronic lung disease

Age 65+ Years: All
Age 19-64 Years: Only if High-Risk^