

Pneumococcal vaccine

Indications

Posttraumatic meningitis treatment

In [posttraumatic meningitis treatment](#): for adults (age ≥ 19 years) with [cerebrospinal fluid fistula](#) who have not received any pneumococcal [vaccines](#), or for those with unknown vaccination history, the CDC recommends 1 dose of PCV13 and 1 or 2 doses of PPSV23 as follows ¹⁾ (Note: these [recommendations](#) are specific for adults with [CSF leaks](#) and differ from general vaccination recommendations):

- 1 dose of pneumococcal conjugate vaccine (pneumococcal PCV13) (e.g. Prevnar 13)
- 1 dose of pneumococcal polysaccharide vaccine (PPSV23) (e.g. Pneumovax, Merck) at least 8 weeks later
- for patients ≥ 65 years: PPSV23 ≥ 8 weeks after PCV13 and ≥ 5 years after any PPSV23 at < 65 years

Skull base fracture

In [skull base fracture](#), if there is a [CSF leak](#), [pneumococcal vaccine](#) is recommended for adults age 2–65 years ²⁾.

- ¹⁾
CDC. Pneumococcal vaccine timing for adults. 2015.
<https://www.cdc.gov/vaccines/vpd/pneumo/downloads/pneumo-vaccine-timing.pdf>
- ²⁾
Immunize.org. Pneumococcal Vaccines (PCV13 and PPSV23).2017.http://www.immunize.org/askexperts/experts_pneumococcal_vaccines.asp

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