

VACCINE POINTS

“Vaccine Points” is a bi-monthly communication distributed by the Hawaii Department of Health to all participating Vaccines for Children (VFC) providers.

Test your vaccine knowledge.

Question: A 2-year old previously unvaccinated child with a cochlear implant should receive which pneumococcal vaccine(s)?

- a) PPSV23 today and PCV13 in 8 weeks
- b) PCV13 today and PPSV23 in 8 weeks
- c) PCV13 and PPSV23 today
- d) PCV13 today and PPSV23 in 1 year
- e) PCV13 today, PCV13 Dose #2 in 8 weeks, and PPSV23 8 weeks after PCV13 #2

Sources:

<https://www.cdc.gov/mmwr/pdf/wk/mm6434.pdf#page=16>
Intervals Between PCV13 and PPSV23 Vaccines: Recommendations of the ACIP. <https://www.cdc.gov/mmwr/pdf/wk/mm6434.pdf#page=16>

<https://www.cdc.gov/mmwr/pdf/rr/rr5911.pdf>
Immunization Practices (ACIP). <https://www.cdc.gov/mmwr/pdf/rr/rr5911.pdf>

Prevention of Pneumococcal Disease Among Infants and Children – Use of 13-Valent Pneumococcal Conjugate Vaccine and 23-Valent Pneumococcal Polysaccharide Vaccine. Recommendations of the Advisory Committee on Immunization Practices (ACIP). <https://www.cdc.gov/mmwr/pdf/rr/rr5911.pdf>

<https://www.cdc.gov/vaccines/schedules/downloads/child/0-18yrs-child-combined-schedule.pdf>
Recommended Catch-up Immunization Schedule for Children and Adolescents Who Start Late or Who are More than 1 month Behind, United States, 2020: <https://www.cdc.gov/vaccines/schedules/downloads/child/0-18yrs-child-combined-schedule.pdf>

- Children with cochlear implants are at substantially increased risk for pneumococcal meningitis and are recommended to receive both PCV13 and PPSV23 vaccines.
- When both PCV13 and PPSV23 are recommended, PCV13 should be administered first, followed by PPSV23 at least 8 weeks later for persons with asplenia, cochlear implant, CSF leak or immunocompromising conditions.
- Unvaccinated children aged 24 – 71 months with underlying medical conditions (including cochlear implants) should receive 2 doses of PCV13 with an interval of at least 8 weeks between doses.
- PCV13 and PPSV23 should not be administered at the same visit.

Answer: e) PCV13 today, PCV13 Dose #2 in 8 weeks, and PPSV23 8 weeks after PCV13 #2

