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# VACCINE POINTS

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“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:

Which of these patients need a dose of PCV13 vaccine?

- 1) 15 year old cigarette smoker
- 2) 4 year old with history of four age-appropriate doses of PCV7 vaccine
- 3) 3 year old with first dose of PCV13 at age 2 years
- 4) 10 year old with nephrotic syndrome who received one dose of PPSV23 vaccination at age 8 years

- A) 1 and 3
- B) 2 and 4
- C) 1,2, and 3
- D) 1, 2, 3, and 4

<http://www.cdc.gov/mmwr/pdf/wk/mm6225.pdf>  
<http://www.cdc.gov/mmwr/pdf/rr/r5911.pdf>

Source:

A single supplemental dose of PCV13 is recommended for all children aged 14 – 59 months who have received 4 doses of PCV7 or another age-appropriate, complete PCV7 schedule. A single dose of PCV13 may be administered for children aged 6 – 18 years who have not received PCV13 previously and are at increased risk for invasive pneumococcal disease because of anatomic or functional asplenia, including sickle cell disease, immunocompromising conditions such as HIV-infection, cochlear implant, or CSF leaks, regardless of whether they have previously received PCV7 or PPSV23.

Although the ACIP considers cigarette smoking a risk factor for pneumococcal disease in adults 19 – 64 years of age, currently no data exist to indicate that people younger than 19 who smoke are at increased risk of pneumococcal disease. Unvaccinated healthy children aged 24 – 59 months should receive a single dose of PCV13.

Answer: B) 2 and 4

