

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: Sammy Seal’s birth date is 06/26/2017. His mother is currently pregnant. His father has a seizure disorder. Sammy has a family history of a sudden unexpected death at age 4 months in an extended family member.

His immunization record is as follows:

Hep B: June 26, 2017	PCV13: August 28, 2017
March 30, 2019	October 29, 2017
IPV: August 28, 2017	December 30, 2017
October 29, 2017	Hib: August 28, 2018
December 30, 2017	MMR: March 30, 2019
Hep A: July 28, 2018	

Which vaccine(s) should Sammy receive today?

Source: Recommended Child and Adolescent Immunization Schedule for ages 18 years or younger United States, 2019 <https://www.cdc.gov/vaccines/schedules/downloads/child/0-18yrs-child-combined-schedule.pdf>
 General Best Practice Guidelines for Immunization: Contraindications and Precautions <https://www.cdc.gov/vaccines/hcp/acip-recs/general-recs/contraindications.html#t-01>

Answer: DTaP, Hepatitis A, PCV13, Hib, and IPV

Sammy has not had his 3rd dose of hepatitis B vaccine, however, the 3rd dose needs to be at least 8 weeks after the second dose (and at least 16 weeks* after the first dose). It is too early to administer Hep B #3. Although Sammy did not receive rotavirus vaccine, he is currently too old to receive the first dose (maximum age for the first dose in the series is 14 weeks, 6 days). A family history of a seizure disorder or a family history of a sudden unexpected death are often misperceived as contraindications; however, neither of these are true contraindications. Sammy has not received any doses of DTaP vaccine and should receive his first dose today. Sammy received his first dose of Hib vaccine at age 14 months, so he needs his final dose a minimum of 8 weeks after the first dose. He should receive a dose of Hib today. He received his first three doses of PCV13 at 2, 4, and 6 months of age. Sammy is currently 22 months of age and needs his final dose of PCV13 today (necessary for children aged 12 through 59 months who received 3 doses before age 12 months). Because it is currently flu season and because Sammy is older than 6 months of age, he should receive a dose of inactivated influenza vaccine. Note that Live Attenuated Influenza Vaccine (LAIV) is approved for use in healthy children 2 years of age (24 months) and older. Sammy is missing his dose of varicella vaccine; however, since he received his MMR on 3/30/19, it is too early to administer another live virus vaccine (must be spaced at least 4 weeks apart). Sammy received his first dose of Hepatitis A vaccine on 07/28/18. It has been at least 6 calendar months since his first dose, therefore, Sammy may receive his second dose of hepatitis A vaccine today. *Hawaii Administrative Rules 11-157 require the third dose of hepatitis B vaccine to be administered 8 weeks after the second dose and 4 months after the first dose but not before age 6 months

