

Defense Health Board Question
Presentation: Vaccine Use in
Military Recruits

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Question #1

- A question Navy Medicine would like to pose before the Board is whether recruits who are younger than 18 years old develop less immunity when receiving a mixed series of pediatric and adult doses of a particular vaccine as opposed to having only the adult dose.

Question #2

- Should recruits at basic training be vaccinated against influenza if it were made available during the summer period?

Question #1 (continued)

- Twinrix which protects against hepatitis A and B is for adults age 18 or older.
 - Combination hepatitis A vaccine (pediatric dose) and hepatitis B (adult dose)
 - Schedule: 0, 1, 6 months*
 - Approved for persons 18 years of age and older
- Havrix (Hep A)
 - 12 months to 18 y/o - 720 units
 - 19 y/o and above – 1440 units
 - Booster dose in 6-12 months
- Hep B
 - 11-19 y/o – 10mcg
 - >19 y/o – 20mcg

Question 2 (continued)

- July-August 2007 several cases of influenza A/H3 occurred in the basic trainee population at Ft Benning and MCRD San Diego
- Six influenza A/H3 cases among sailors were documented on a large amphibious ship in late August 2007 after port stops in South Pacific.