Vaccination Among Hospitalized Adults in Acute Care

Leigh M. Vaughan, мр^{а,*}, Cassandra D. Salgado, мр, мѕ^b

KEYWORDS

- Vaccine Vaccination Immunizations Immunize Pneumococcal vaccine
- Influenza vaccine

HOSPITAL MEDICINE CLINICS CHECKLIST

- 1. Influenza and pneumonia are one of the leading causes of vaccine-preventable death among older adults in the United States.
- 2. The inpatient setting provides an opportunity to improve vaccine uptake.
- 3. Develop a systematic approach to identify inpatients eligible for vaccine; standing order programs have been successfully used for this purpose.
- Understand the barriers associated with influenza and pneumococcal vaccination. Counsel patients regarding the benefit of vaccination and unfounded concerns of side effects.
- 5. Clearly document any contraindication to vaccination.
- 6. Consider administering additional vaccinations for eligible patients.

BACKGROUND

What are the current recommendations for adult vaccines?

Each year, the Advisory Committee on Immunization Practices (ACIP) reviews the recommended adult immunization schedule to ensure that the schedule reflects current recommendations for licensed vaccines. **Figs. 1** and **2** outline their most recent effort.

What are the incidence, prevalence, and consequences of influenza and pneumococcal disease?

Of all the recommended adult vaccines, those targeted toward influenza and pneumococcal disease have been the focus of most inpatient vaccination plans. According to

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E-mail address: vaughanl@musc.edu

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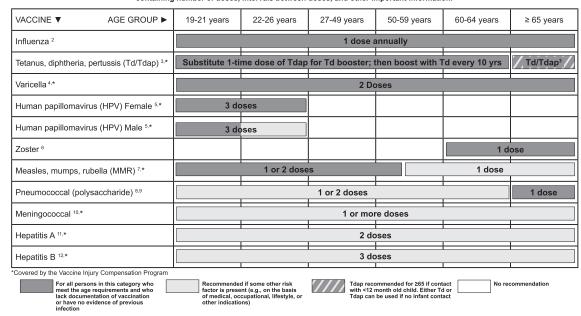
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^a Division of General Internal Medicine, Medical University of South Carolina, 135 Rutledge Avenue, 12th floor, Charleston, SC 29425, USA; ^b Division of Infectious Diseases, Medical University of South Carolina, 135 Rutledge Avenue, 12th floor, Charleston, SC 29425, USA

^{*} Corresponding author.

Recommended Adult Immunization Schedule—United States - 2012

Note: These recommendations must be read with the footnotes that follow containing number of doses, intervals between doses, and other important information.



Report all clinically significant postvaccination reactions to the Vaccine Adverse Event Reporting System (VAERS). Reporting forms and instructions on filing a VAERS report are available at www. vaers.hhs.gov or by telephone, 800-822-7967.

Information on how to file a Vaccine Injury Compensation Program claim is available at www.hrsa.gov/vaccinecompensation or by telephone, 800-338-2382. To file a claim for vaccine injury, contact the U.S. Court of Federal Claims, 717 Madison Place, N.W., Washington, D.C. 20005; telephone, 202-357-6400.

Additional information about the vaccines in this schedule, extent of available data, and contraindications for vaccination is also available at www.cdc.gov/vaccines or from the CDC-INFO Contact Center at 800-CDC-INFO (800-232-4636) in English and Spanish, 8:00 a.m. - 8:00 p.m. Eastern Time, Monday - Friday, excluding holidays.

Use of trade names and commercial sources is for identification only and does not imply endorsement by the U.S. Department of Health and Human Services.

Fig. 1. Recommended adult immunization schedule by vaccine and age group. (Data from Centers for Disease Control and Prevention. Recommended adult immunization schedule- United States, 2012. MMWR Morb Mortal Wkly Rep 2012;61(4):1–7.)

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