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Pneumococcal Disease in High-Risk Patients: Prevention, Guidelines, and Early Recognition

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Release Date: June 23, 2010
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STATEMENT OF NEED

Pneumococcal disease is a very serious illness in high-risk populations such as children, smokers, the elderly and patients who are immunocompromised. Although the best defense against pneumococcal infection is vaccination, the pneumococcal vaccine remains underutilized in the inpatient setting.¹ Clinicians must be alert to the risk factors for pneumococcal disease, and the high-risk conditions associated with pneumococcal infection for which vaccination is recommended. Guidelines for the prevention and management of pneumococcal disease emphasize the importance of vaccination as well as the need for appropriate and timely antimicrobial therapy.² Accurate diagnosis of pneumococcal infection is imperative for early and effective treatment. In this interactive CME Outfitters Live and On Demand activity, faculty will discuss the importance of vaccination for high-risk populations, highlight methods to improve early recognition and diagnosis of pneumococcal disease, and propose practical strategies that can be utilized to advance prevention and treatment for patients at high risk for pneumococcal infection.

1. Kruspe R, et al. *J La State Med Soc* 2003;155:325-331. 2. Shorr AF, et al. *Am J Health Syst Pharm* 2009;66:S2-7.

ACTIVITY GOAL

To improve outcomes for patients being treated for pneumococcal disease or who are at high risk for pneumococcal infection.

LEARNING OBJECTIVES

At the end of this CE activity, participants should be able to:

- Recognize the importance of vaccination for the prevention of pneumococcal disease in high-risk patients.
 - Implement treatment guidelines and recommendations into clinical practice to advance the prevention and treatment of pneumococcal disease.
 - Identify methods to improve the early recognition and diagnosis of pneumococcal disease.
- The following learning objectives pertain only to those requesting CNE credit:*
- Recognize the importance of vaccination for the prevention of pneumococcal disease in high-risk patients.
 - Describe treatment guidelines and recommendations for the prevention and treatment of pneumococcal disease.
 - Identify methods to improve the early recognition and diagnosis of pneumococcal disease.

TARGET AUDIENCE

Infectious disease physicians, primary care physicians, pediatricians, geriatricians, hospitalists, physician assistants, nurse practitioners, nurses, pharmacists, and other healthcare professionals interested in pneumococcal disease and infection.

FINANCIAL SUPPORT

This activity is supported by an educational grant from Pfizer Inc.

FAX completed form to **240.243.1033**

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Site Name: _____ # Participants: _____

Individual Name: _____ Degree: _____

Address: _____

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Practice Setting: Community Mental Health State Mental Health Primary Care Private Practice Other: _____ Phone: _____

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CREDIT INFORMATION

CME Accreditation (Physicians): USF Health is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.

USF Health designates this educational activity for a maximum of 1.0 *AMA PRA Category 1 Credit*[™]. Physicians should only claim credit commensurate with the extent of their participation in the activity.

Note to Physician Assistants: *AAPA accepts Category I credit from AOACCME, Prescribed credit from AAFP, and AMA Category I CME credit for the PRA from organizations accredited by ACCME.*

AAFP Credit (Family Physicians): This activity, Webinar: Pneumococcal Disease in High-Risk Patients: Prevention, Guidelines, and Early Recognition, with a beginning date of June 23, 2010, has been reviewed and is acceptable for up to 1.00 Prescribed credits by the American Academy of Family Physicians.

CNE Credit (Nurses): This continuing nursing education activity was approved by the New York State Nurses Association, an accredited approver by the American Nurses Credentialing Center^{1/2/3} Commission on Accreditation.

It has been assigned approval code 85FHSE-10. 1.0 contact hours will be awarded upon successful completion.

CPE Credit (Pharmacists): CME Outfitters, LLC, is accredited by the Accreditation Council for Pharmacy Education as a provider of continuing pharmacy education.

1.0 contact hours (0.1 CEUs)
 Universal Activity Number: 376-999-10-013-H01-P
 Activity Type: knowledge-based

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