

***A Call to Action:  
Advancing Appropriate Antimicrobial Use and Infection Prevention  
through Partnership and Shared Knowledge***

***Part 5  
Human practice in perspective: Analyzing failure modes in infection prevention+***

**Amar Safdar, MD, MBBS, FACP, FIDSA  
Sue Sebazco, RN, BS, CIC  
Linda M. Gerbig, BSN, MSPH**

### Registration Information

To receive credit, participants need to:

- Register
- View presentation
- Take quiz (nurses and pharmacists must obtain 70% to pass quiz)
- Complete evaluation

Upon completion of these steps, credit will be recorded in the CME office. Print the online certificate for your records. Pharmacists' certificates will be mailed to the participant (not available online).

Participants should take 1 hour to complete each of the six parts although they need not do this all at one sitting. Once participants have registered, they may work at their own pace on individual enduring material modules and quiz questions, and can return at any time to continue working.

### Teaching Methods and Media Employed

This online enduring material uses the following teaching methods and media:

- Lecture (audio/videotaped)
- PowerPoint Presentation
- Multiple Choice and/or True-False Quiz
- Evaluation

### Acknowledgements of Commercial Support

Grateful acknowledgement is extended to Astellas, Pfizer and Wyeth for their educational grants supporting this activity.

### CME Enduring Material Description, Target Audience and Needs Statement

This online educational enduring material is designed for Internal Medicine, Infectious Disease, Hospitalists, Intensivists/Critical Care Medicine, Pulmonology, Nephrology and General, Trauma and Colorectal Surgeons. This activity is also designated for Pharmacists (P), Nurses, Microbiologists, Respiratory Therapists, and other healthcare professionals who treat infectious disease. These programs are also intended for hospital administration and quality control staff. Its purpose is to address the need of controlling antimicrobial resistance in hospitals through a national performance improvement educational series.

### Objectives

At the end of this online enduring material, participants should be able to:

- Apply current data in regard to the prevalence, clinical impact, and management challenges of antimicrobial drug resistance in hospital settings

- Develop effective strategies for containing the emergence and transmission of resistance
- Improve adherence to CDC guidelines for hand hygiene after direct patient contact
- Monitoring and investigating infectious diseases, potentially harmful infectious exposures, and outbreaks of infections
- Analyze the role integrated surveillance data play in determining target attainment rates for broad-spectrum antimicrobials

### Disclosure Policy

In order to assure the highest quality of CME programming, and to comply with the ACCME Standards for Commercial Support, Texas Health Research & Education Institute requires that all faculty and planning committee members disclose financial relationships relevant to the content being planned and/or presented. The relevant financial relationships are those they may have with any commercial interest producing health care goods or services consumed by or used on patients. Disclosures are provided below for the CME activity chair, planners and faculty.

### Chair and Faculty Credentials

#### Chair

Edward L Goodman, MD, FACP, FIDSA, FSHEA  
Medical Director Infection Prevention & Antibiotic Management,  
Core Faculty Internal Medicine Residency, Texas Health  
Presbyterian Hospital Dallas  
Consultant in Infectious Disease, Texas Health Resources  
Clinical Professor University of Texas Southwestern Medical  
Center  
Dallas, Texas

#### Disclosure

Edward L Goodman, MD, FACP, FIDSA, FSHEA does not have a financial relationship with pharma or device companies related to the content of this activity.

#### Faculty

Linda M. Gerbig, BSN, MSPH  
Vice President of Performance Improvement  
Texas Health Resources  
Arlington, Texas

#### Disclosure

Linda M. Gerbig, BSN, MSPH does not have a financial relationship with pharmaceutical or device companies related to the content of this activity.

## Faculty

Amar Safdar, MD, MBBS, FACP, FIDSA  
Associate Professor of Medicine  
Associate Internist  
Director of Immunology Research  
Department of Infectious Diseases, Infection Control, and  
Employee Health  
The University of Texas M. D. Anderson Cancer Center  
Houston, Texas

## Disclosure

Amar Safdar, MD, MBBS, FACP, FIDSA does not have a financial relationship with pharmaceutical or device companies related to the content of this activity. However, he has disclosed relationships with: Cubist, Enzon, Pfizer.

## Faculty

Sue Sebazco, RN, BS, CIC  
Infection Prevention/Employee Health Director  
Texas Health Arlington Memorial Hospital  
Arlington, Texas

## Disclosure

Sue Sebazco, RN, BS, CIC does not have a financial relationship with pharmaceutical or device companies related to the content of this activity.

## Planning Committee

The following do not have financial relationships with pharmaceutical or device companies related to the content of this activity:

Marilyn Peterson, MA, CCMEP  
Sandra Pinkerton, Ph.D., CCMEP  
Jessica Johnson, BS  
Scott Dahl, MBA, BS  
Mikyoung Kim, Pharm.D.  
Tami Waggoner, BSN, CIC, SSGB  
Deborrah Wegmann, MSN, Ph.D. (c), RN  
Sharon Williamson, BSMT (ASCP), CIC

## Credit Designation Statements

### Physicians

Texas Health Research & Education Institute is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.

Texas Health Research & Education Institute designates this educational activity for a maximum of 1 *AMA PRA Category 1 Credit(s)*<sup>™</sup>. Physicians should only claim credit commensurate with the extent of their participation in the activity.

### Nurses

This continuing nursing education activity was approved for 1.5 credit hours. The Center for Learning is an approved provider of continuing nursing education by the Texas Nurses Association, an accredited approver by the American Nurses Credentialing Center's Commission on Accreditation.

### Pharmacists

The Texas Society of Health-System Pharmacists is accredited by the Accreditation Council for Pharmacy Education as a provider of continuing pharmacy education. This Knowledge-based continuing professional education program provides 1 contact hour (0.1 CEUs) of continuing pharmacy education for pharmacists. To receive a Statement of Participation, a program evaluation form, and post-test must be completed and turned in at the end of the program. Universal Activity Number 0156-9999-09-105-H01-P



## Release and Termination Dates

This online educational enduring material is valid for a period of two years: from January 21, 2010 to January 20, 2012. After those inclusive dates, the content will require review and updating or will be withdrawn from circulation.

## Copyright

Texas Health Research & Education Institute is the non-profit provider of continuing medical education for physicians at Texas Health Resources, a non-profit, faith-based hospital system. As such, Texas Health Research & Education Institute, through its presenters, provides educational activities in classroom settings and through its website. Texas Health Research & Education Institute may also provide distribution of hard copy enduring materials. The online educational activities provided through Texas Health Research & Education Institute's website and its hard copy enduring materials are extensions of Texas Health Research & Education Institute's educational mission and purpose.

In the interest of education and the advancement of the health sciences, the presenter authorizes Texas Health Research & Education Institute and its employees and agents to (a) record his/her presentation for electronic distribution; and (b) copy the ancillary or complementary educational materials accompanying the presentation. The presenter also gives his/her consent to Texas Health Research & Education Institute to copy, release and distribute the Presentation for educational activities via the internet or any other means Texas Health Research & Education Institute selects. The presenter grants this authorization and gives his/her consent as a contribution to the advancement of medical and other health sciences education. The presenter represents and warrants he/she is the author/owner of the Presentation and that to the best of his/her knowledge all external sources are properly referenced. The presenter retains ownership of any copyrights that he/she may own in the Presentation. The presenter releases Texas Health Research & Education Institute and its employees and agents from any claims arising from the use of such materials.

## Privacy and Confidentiality Statement

Texas Health Research & Education values the privacy and confidentiality of our CME participants. Texas Health Research & Education Institute's CME Privacy and Confidentiality Statement can be found at the following link: <http://www.texashealth.org/CMEPrivacyStatement>.

## Hardware/Software Requirements

Click on the link below to access a list of the minimum hardware and software requirements for best viewing this site. <http://media.texashealth.org/HardwareSoftwareRequirements.pdf>

## Contacts

### CME Office (for CME related issues)

(866) 295-3269 Extension 1  
[CME@texashealth.org](mailto:CME@texashealth.org)

### Help Desk Support (for technical support)

(866) 295-3269 Extension 2  
[helpdesk@texashealth.org](mailto:helpdesk@texashealth.org)

## For Access to a Technical Support FAQ

This document contains a set of questions with answers from the queries we have received from users of Texas Health Research & Education Institute's CME website. If you have a query that is not answered here, please send an email to [THREtechsupport@texashealth.org](mailto:THREtechsupport@texashealth.org) and we'll include it in the next update of this page. Link to the FAQ: <http://media.texashealth.org/FAQs.pdf>