Purpose:
This webinar will discuss how adverse event rates have not improved overall in the last decade, despite focused attention and millions if not billions of dollars. The system safety engineering approach to patient safety will be described, with a focus on using safety science including human factors engineering concepts to produce sustainable improvements in safety. The concept of just culture will be reviewed. Multiple real world examples will be used from the ED to help practitioners integrate these principles into their practice and safety leadership roles.

Target Audience:
Hospital Engineers, Plant Operations Managers, Information Technology Specialists, VP Patient Care Services, Chief Nursing Officer, Safety Officers, Risk Managers and Emergency Department Practitioners.

Fee:
$250.00 LHA Member Rate
$300.00 Non-Member Rate
(includes one phone line per site)
Additional phone lines will be billed at the LHA Member/Non-Member rate. Advance registration is REQUIRED to ensure delivery of instructional materials.

Nursing Contact Hours:
1.2 Contact Hours has been approved by the Iowa Board of Nursing, Approved Provider Number 339 for the complete participation in this webinar. You will be instructed at the conclusion of the webinar how to obtain your contact hours.

Objectives
- Describe the systems approach to safety engineering.
- Discuss the implications of system design, medical device design, and health IT design in this context.
- Recall approaches to serious safety event reviews that will produce sustainable results.
- Describe how a just culture approach can be used to improve system safety.

Faculty:
Rollin J. (Terry) Fairbanks, MD, MS, Center Director, National Center for Human Factor Engineering in Healthcare.
As the center Director and Associate Professor of Emergency Medicine at Georgetown University, he also maintains academic appointments as Adjunct Assistant Professor of Industrial and Systems Engineering at the University at Buffalo and Adjunct Assistant Professor of Emergency Medicine at the University of Rochester. Dr. Fairbanks is a patient safety/Human Factors Engineering researcher, board certified emergency physician, and former paramedic and EMS Medical Director. He serves as an attending physician in the Washington Hospital Center Emergency Department. Dr. Fairbanks holds an advanced degree in human factors engineering/industrial systems engineering from Virginia Tech and uses this background to apply safety engineering techniques and research methodology to medical systems. Dr. Fairbanks is a 2008 graduate of the HRET Patient Safety Leadership Fellowship, and serves on national patient safety committees and advisory groups.
Louisiana Hospital Association

WEBINAR REGISTRATION

Human Factors and System Safety Engineering in Emergency Medicine

Friday, February 10, 2012
11:00 a.m. – 12:00 p.m. (Central Standard Time)

NOTE: Advance registration is REQUIRED to ensure delivery of instructional materials.

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