A Perfect Storm:
The Midcourse Correction for Patient Safety

October 17, 2019
Webinar Month 131
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www.safetyleaders.org

Welcome

Charles Denham, MD
Chairman, TMIT
TMIT High Performer Webinar
October 17, 2019
Webinar Month 131

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TMIT Purpose Statement
Our Purpose:
We will measure our success by how we protect and enrich the lives of families…patients AND caregivers.

Our Mission:
To accelerate performance solutions that save lives, save money, and create value in the communities we serve and ventures we undertake.
Disclosure Statement

The following panelists certify, that unless otherwise noted below, each presenter provided full disclosure information; does not intend to discuss an unapproved/investigative use of a commercial product/device; and has no significant financial relationship(s) to disclose. If unapproved uses of products are discussed, presenters are expected to disclose this to participants. None of the participants have any relationship medication or device companies discussed in their presentations.

John J. Nance brings a rich and varied professional background to the task of helping doctors, administrators, boards, and front-line staff survive and prosper during the most profoundly challenging upheaval in the history of modern medicine. Having helped pioneer the renaissance in patient safety as one of the founders of the National Patient Safety Foundation in 1997, his efforts (and healthcare publications) are dedicated to reforming American healthcare from a reactive cottage industry to an effective and safe system of prevention and wellness. A lawyer, Air Force and airline pilot, prolific internationally-published author, national broadcaster, and renowned professional speaker, John's leadership is propelled by a deep commitment. He has nothing to disclose.

William H. Adcox serves as the Chief of Police and CSO at The University of Texas MD Anderson Cancer Center and The University of Texas Health Science Center. Chief Adcox holds an MBA degree from UTEP and is a graduate of the PERF's Senior Management Institute for Police and the Wharton School ASIS Program for Security Executives. He is the recipient of the AICLEA's 2015 Award for Administerative Excellence, and was honored as one of the Most Influential People in Security 2013. The agency received the ASIS Foundation's Outstanding 2013 Lindberg Bell Distinguished Program Award. Nationally, Chief Adcox received the Campus Safety 2015 Director of the Year Award in Healthcare, and locally he received the Texas Police Chiefs Association's 2015 Leadership Award. He has nothing to disclose.

Dan Ford, MBA, CPHQ, developed a deep passion for patient safety as a result of medical errors experienced in Illinois by his first wife, Diane, and the treatment he experienced when he started asking logical and genuine questions. The mother of three children (11, 14, and 17 at the time), and age 47, Diane was pursuing her second master's degree, and suffered a morphine-induced respiratory arrest following a hysterectomy. She has permanent brain damage/short-term memory loss and a poor quality of life, and resides in an independent living facility. He has nothing to disclose.

Charles Denham, MD, is the Chairman of TMIT; a former TMIT education grantee of CareFusion and AORN with co-production by Discovery Channel for Chasing Zero documentary and Toolbox, including models; and an education grantee of GE with co-production by Discovery Channel for Surfing the Healthcare Tsunami documentary and Toolbox, including models. HCC is a former contractor for GE and CareFusion, and a former contractor with Siemens and Nanosonics, which produces a sterilization device, Trophon. HCC is a former contractor for ByoPlanet, a producer of sanitation devices for multiple industries. He does not currently work with any pharmaceutical or device company. His current area of research is in threat management to institutions including conflict of interest, healthcare fraud, and continuing professional education and consumer education including bystander care. Dr. Denham is a collaborator with Professor Christensen at Harvard Business School.
In the News ...

‘Fear Of Falling’: How Hospitals Do Even More Harm By Keeping Patients In Bed

October 17, 2019

According to the CDC:

- One in four Americans aged 65+ falls each year.
- Every 11 seconds, an older adult is treated in the emergency room for a fall; every 19 minutes, an older adult dies from a fall.
- Falls are the leading cause of fatal injury and the most common cause of nonfatal trauma-related hospital admissions among older adults.
- Falls result in more than 2.8 million injuries treated in emergency departments annually, including over 800,000 hospitalizations and more than 27,000 deaths.
- In 2015, the total cost of fall injuries was $50 billion. Medicare and Medicaid shouldered 75% of these costs.
- The financial toll for older adult falls is expected to increase as the population ages and may reach $67.7 billion by 2020.

Sources:

In The News ...

Web Information is Instant, Permanent, Searchable, and Global …
Even Misinformation – that can harm those you serve and those who serve.

September 2019 Issue

LETTER TO THOSE ORGANIZATIONS RECEIVING FEDERAL GRANTS

Unfortunately, threats to the integrity of U.S. biomedical research exist. NIH is aware that some foreign entities have mounted systematic programs to influence NIH researchers and peer reviewers and to take advantage of the long tradition of trust, fairness, and excellence of NIH supported research activities. This kind of inappropriate influence is not limited to biomedical research; it has been a significant issue for defense and energy research for some time. Three areas of concern have emerged:

1. Diversion of intellectual property (IP) in grant applications or produced by NIH supported biomedical research to other entities, including other countries;
2. Sharing of confidential information on grant applications by NIH peer reviewers with others, including foreign entities; and
3. Failure by some researchers working at NIH-funded institutions in the U.S. to disclose substantial resources from other organizations, including foreign governments, which threaten to distort decisions about the appropriate use of NIH funds.

“We recently reminded the community that applicants and awardees must disclose all forms of other support and financial interests, including support coming from foreign governments or other foreign entities.

“We also expect and encourage your institution to notify us immediately upon identifying new information that affects your institution’s applications or awards. Lastly, we encourage you to reach out to an FBI field office to schedule a briefing on this matter.”

DEPARTMENT OF HEALTH & HUMAN SERVICES
Public Health Service
National Institutes of Health
Bethesda, Maryland 20892

Patient Safety and COI Stories Being Followed

The New World of Relentless Coverage

October 16, 2019

Top heart surgeon returns to All Children’s, 3 years after being pushed out

The heart surgery program’s mortality rate spiked after the surgeon left, a 2018 Times investigation revealed.

Johns Hopkins All Children’s Hospital has hired a familiar face to help it restart its troubled heart surgery unit.

“There are a lot of patients that we think they need to be cared for by Dr. Johns Hopkins All Children’s Heart Institute.”

Source: https://www.tampabay.com/investigations/2019/10/6/top-heart-surgeon-returns-to-all-childrens-3-years-after-being-pushed-out/
Patient Safety and COI Stories Being Followed

**Johns Hopkins Articles: In Resources Section**

- [Beckers Hospital Review](http://www.beckershospitalreview.com/safety/johns-hopkins-doctors-conflicts-interest-medicare-fraud.html)

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**In The News...**

- **Johns Hopkins Wrote the Rules on Patient Safety But Its Hospitals Don’t Always Follow Them**

  Heartbroken: Despite warnings, All Children’s kept operating. Babies died.

In The News ...

Healthcare and Academic Fraud Stories

Slides are in Additional Resources

A New Program

The Healthcare Innocence Project

The Healthcare Innocence Project builds on the successful model of The Innocence Project. Where it used the new technology of DNA 25 years ago, we will use the new technology of electronic records and the digital DNA in the EHR and administrative records to protect the medical identity of patients and the professional identity of caregivers. Both patients and caregivers may be unjustly treated through intentional or unintentional behaviors of insiders or outsiders of healthcare organizations. They include weaponization of HR, sham peer review, discrediting patients and families after healthcare accidents, or unjust harm through outsider cybersecurity issues.

www.HealthcareInnocenceProject.org

High Impact Care Hazards to Patients, Students, and Employees

A Medical-Tactical Approach undertaken by clinical and non-clinical people can have enormous impact on loss of life and harm from very common hazards:

- **High Impact Care Hazards** are frequent, severe, preventable, and measurable.
- **Lifeline Behaviors** undertaken by anyone can save lives.

Campus Safety

Inadequate Placement of AED and Bleeding Control Gear Could Cost You

Pre-publication Briefing
After 3 minutes, you are either counting lives saved....
or lives lost....
Anonymous Survey Questions

I am interested in another webinar presenting IN-FLIGHT EMERGENCIES:

- 79% Agreed and 52% Strongly or Very Strongly Agreed, and 43% Very Strongly Agreed

Specific additional IN-FLIGHT EMERGENCY topics I would like covered include:

- Active shooters
- Climate change
- Current hot topics, top 10 threats
- De-escalation techniques of pt. Or family
- Employee safety
- Legal ramifications of a nurse leaving patients behind in an active shooter situation.
- More customers are bringing aboard "comfort /therapy animals"
- Safety concerns for patients
- Toxins - managing exposure
- Should we carry Narcan
- What do we bring in our bag
- Notifying Flight Attendants we are caregivers

The Healthcare Threat Safety Spectrum

The #1 Concern to healthcare leaders is brand damage of the institution and the individual brands of those who serve.

Their brand is what they are known for by the public.

Our Emerging Threats Community of Practice is addressing the inside, outside, and inside-outside threats to patients, caregivers, and institutions.

Anonymous Survey Questions

I am interested in a webinar presenting EMERGING THREATS:

- 92% Agreed and 74% Strongly or Very Strongly Agreed, and 54% Very Strongly Agreed
Specific additional EMERGING THREATS topics I would like covered include:

- Allergic reactions main focus is food related
- Anaphylaxis
- Cardiac Arrest
- Can think of any at this time
- Disease management
- Do crews start IVs
- DVT recognition, treatment, prevention in-flight respiratory emergency
- Emergency landing survival
- In-flight emergency experiences of healthcare providers
- Interesting information
- Legalities of responding
- Pediatric emergencies, OB emergencies
- Sbo, prob pe, could lovenox be given w/ general safety?
- Traumatic injuries in flight
- Violence of flights

Source: TMIT High Performer Webinar Series; In-flight Emergencies: Good Samaritans at Altitude – September 18, 2019

An Emerging Threat: Caregiver Burnout

Five Leader Behaviors
Recognize – Inquire – Inform - Develop - Include

The Leadership Pipeline
MID-COURSE CORRECTION

*noun*

A Navigational Correction made in the course of a ship, airplane or spacecraft, and executed at some point between the beginning and the end of a journey.
To Give Every Patient the Best Healthcare that Medical Science can Inform.
Always! Without Exception!

Communication and Optimal Resolution (CANDOR) is a process that health care institutions and practitioners can use to respond in a timely, thorough, and just way when unexpected events cause patient harm (AHRQ)

“Care is Never ERROR Free, but We Can Make it HARM Free!”
Dr. David Nash
Perception
Assumption
Communication

12.5% Rule

Flawless Communication
A bird in the bush
Any Human System built on the Expectation of Continuous Perfect Human Performance has HARD-WIRED FAILURE into its Structure.

- Don Berwick, MD

Characteristics of a HRO

1. PREOCCUPATION WITH FAILURE

2. Reluctance to Simplify
### Characteristics of a HRO

3. Sensitivity to Operational Detail

4. Commitment to Resilience

5. Deference to Expertise
The FLIGHT PLAN:

1. Coalesce the VISION
2. Eliminate the ILLUSIONS
   (Know Reality)
3. Establish TRUST through Accountability
4. Establish the Foundation of a Just Culture
   (Single conduct standard for all)
5. Use the Bully Pulpit.
6. Make Harm completely Visible and Personal

7. Setup Structures for Cultural/Clinical Change

National Survey Questions

I am interested in another webinar presenting EVOLVING ROLES OF PATIENT SAFETY OFFICERS:

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Specific additional EVOLVING ROLES OF PATIENT SAFETY OFFICER related topics I would like covered include:

National Survey Questions

I am interested in another webinar presenting PLACEMENT OF AEDs & TRAUMA GEAR IN FACILITIES:

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Specific additional PLACEMENT OF AEDs & TRAUMA GEAR IN FACILITIES topics I would like covered include:
National Survey Questions

I am interested in a webinar presenting EMERGING THREATS TO OUR HOSPITAL & INDIVIDUAL PROFESSIONAL BRANDS:

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Specific additional EMERGING THREATS TO OUR HOSPITAL & INDIVIDUAL PROFESSIONAL BRANDS topics I would like covered include:

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Voice of Patient and Family

Dan Ford
Voluntary Patient Safety Advocate
Spectrum Health Hospital Group Board, Quality & Safety Committee Member and Executive PFAC former member and Chair
TMIT Patient Advocate Team Member
Retired Healthcare Executive Search Consultant
Veteran, Naval Aviation, Vietnam War
Rockford, MI
TMIT High Performer Webinar
October 17, 2019

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Speakers and Reactors

- John Nance
- William Adcox
- Dan Ford
- Charles Denham

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ADDITIONAL RESOURCES
In The News …

More and deadlier: Mass shooting trends in America

Public mass shootings are occurring more frequently in recent years, and they are claiming more lives, according to an analysis of The Post’s public mass shootings database. Four or more people have been killed in a mass shooting every 47 days, on average, since June 17, 2015.

Before the 1999 shooting in which two teens killed 13 and wounded 24 at Columbine High School in Littleton, Colo., mass shootings took place roughly every six months. Between Columbine and Charleston, the pace was roughly one every 2½ months. After Charleston? One almost every six weeks.

In The News …

More and deadlier: Mass shooting trends in America

Johns Hopkins Articles

1. Family settles for $2.3 million over All Children’s heart surgery death June 11, 2019
2. The law firm investigating All Children’s filed its report. The hospital will make big changes. June 28, 2019
3. Extra oversight for children’s heart surgery signed into law June 28, 2019
4. Outside physicians will now be allowed to inspect Florida heart surgery programs. The change follows problems at Johns Hopkins All Children’s Hospital.
5. Johns Hopkins hires former prosecutor to investigate All Children’s Heart Institute January 09, 2019
6. Patients settle for $5 million over All Children’s heart surgery death December 17, 2018; The events described in recent news reports are unacceptable,” the hospital’s parent company said.
7. One almost every 6 weeks.
8. The proposal, which seeks to catch problems at children’s heart surgery programs, had stalled earlier in the session.
9. All Children’s works to restore faith, but families struggle to forgive April 10, 2019
10. After All Children’s deaths, proposal aims to catch heart surgery problems February 19, 2019
11. Top All Children’s Executives Resign Following Times Report On Heart Surgeries December 11, 2018
12. Reps. Kathy Castor, Charlie Crist repeat call for federal investigation into All Children’s Heart Unit December 12, 2018
13. State May Publish More Data On Heart Surgery Deaths December 17, 2018
15. Three More All Children’s Officials Resign Following Times Investigation January 02, 2018
16. Johns Hopkins Fire Chief Takes Leave After Major corrective actions must be taken,” they said in a statement
17. Top All Children’s Executives Resign Following Times Report On Heart Surgeries December 11, 2018
18. The Baltimore Sun April 10, 2015; Burn Center Director Sues Hopkins ;
20. Becker’s Hospital Review; Johns Hopkins burn center director accuses system of covering up risky care

Source: https://www.tampabay.com/author/kathleen-mcgrory/
**In The News: Johns Hopkins Safety Crisis Articles**

**Tampa Bay Times Articles**
- Reps. Kathy Castor, Charlie Crist repeat call for federal investigation into All Children’s heart unit 12-12-18
- State, federal, old adage missed warnings at All Children’s heart unit 12-17-18
- Top All Children’s executives resign following Times report on heart surgeries 12-11-18
- State and federal inspectors visit All Children’s after reports on heart surgery deaths: 01-11-18
- Johns Hopkins never told state about needle left in baby 05-15-18
- All Children’s CEO: Not telling parents about needle left behind was “complete failure” 05-22-18
- Senate committee greenlights oversight of children’s heart surgery 12-17-18
- All Children’s deaths led to a bill adding oversight. The Florida House just passed it 01-11-19
- Top heart surgeon returns to All Children’s, 3 years after being pushed out
- Johns Hopkins hired a former prosecutor to investigate All Children’s Heart Institute 01-09-19
- Florida Legislature 2019: What passed and what failed 05-06-19
- All Children’s worked to restore faith, but families struggle to forgive 01-09-19
- Senate committee greenlights oversight of children’s heart surgery 12-17-18
- All Children’s works to restore faith, but families struggle to forgive 01-09-19

**Times Bay Times Articles**
- How we calculated All Children’s surgical mortality rates
- Florida could have fined All Children’s millions for late reports. It went with a $4,500 03-29-19
- Three more All Children’s officials resign following Times investigation 03-29-19
- Top heart surgeon gets new job 04-24-19
- All Children’s CEO: Not telling parents about needle left behind was “complete failure” 05-22-18
- Three of four heart surgeons at All Children’s will resign 05-29-19
- All Children’s never told state about needle left in baby 05-15-18
- All Children’s deaths led to a bill adding oversight. The Florida House just passed it 01-11-19
- Top heart surgeon returns to All Children’s, 3 years after being pushed out
- Johns Hopkins hired a former prosecutor to investigate All Children’s Heart Institute 01-09-19
- Florida Legislature 2019: What passed and what failed 05-06-19
- All Children’s works to restore faith, but families struggle to forgive 01-09-19
- Senate committee greenlights oversight of children’s heart surgery 12-17-18

**CNN Articles**
- Bleeding Kits Available on Cape Cod Beaches In Case of Shark Attack

Source: CNN

**Campus Safety**

**Med Tac Updates**

**In The News: tblt**

**In The News” — **

Source: Campus Safety
A handful of public companies have begun quietly warning investors about how gun violence could affect their financial performance.

Companies such as Dave & Buster’s Entertainment Inc., Del Taco Restaurants Inc. and Stratus Properties Inc., a Texas-based real estate firm, added references to active-shooter scenarios in the “risk factor” section of their latest annual reports, according to an analysis of Securities and Exchange Commission filings. The Cheesecake Factory Inc. has included it in its past four annual reports.

The disclosures come as fatalities in mass public shootings have surged in recent years. Between 2016 and 2018, active shooter incidents left 306 people dead and 1,367 wounded, according to the Federal Bureau of Investigation. That’s up from the previous three years, when active shooters killed 136 and wounded 181. The FBI defines an active shooter incident as one or more shooters attempting to kill people in a crowded area.

Deciding what to disclose, and which risks count as material, is more art than science. Figuring out whether a shooting is material may depend on whether a company operates spaces that are open to the public, among other factors, Mr. Martin said. Large companies often vet their risk factors through internal committees, enabling multiple senior executives to weigh in, before disclosing.

How many companies decide whether they want to add a risk factor by looking at what competitors have included, lawyers said. At the same time, many companies often base their argument on amino acid sequences not published in Sasseiharan’s papers but obtained through patent information and later cross-checked on GenBank.

Sasseiharan reportedly said that the paper was “inaccurate and slanderous” and that there are, for example, “fundamental differences” between the Zika antibody he and colleagues wrote about last year in Cell and the one another team of researchers shared in Nature in 2016.

MIT told STAT that “while federal regulations and MIT policy do not allow us to comment on any particular matter, research integrity at MIT is paramount. MIT has policies and confidential processes in place to assess concerns that might be raised.”

“If you look at the original [MIT] papers that reported these antibodies, they don’t give a really clear description of how they identified the epitope or how they designed the antibodies,” he said.

The implications of Adimab’s paper stretch beyond academia. Visterra was developing the flu antibody when it was acquired by the Japanese drug maker Otsuka for $430 million last year. The implication is that Visterra’s would have been too close to be the original source.

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