

Alumni Exchange

HE UNIVERSITY OF ILLINOI



Walking Across America for Patient and Health Worker Safety

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Patient Safety Movement Foundation

- Global organization
 - 4,756 Hospitals
 - 64 Countries
- Mission is "Zero Preventable Deaths by 2030"
- 38 Actionable Patient Safety Solutions (APSS)
- https://patientsafetymovement.org/



MedStar Health

- Largest Healthcare System in Mid-Atlantic
- Ten hospitals
- 300+ Outpatient sites of care
- 30,000 MSH Associates
- Over 1100 Residents
- MedStar Institute for Quality and Safety



Patient Safety

"Medicine used to be simple, ineffective and relatively safe. Now it is complex, effective, and potentially dangerous."

Sir Cyril Chantler,
Dean of London's Guy's Hospital



The Problem

Hundreds of thousands of people die and millions are harmed every year due to preventable medical error.

1. James, J. T. (2013). A new, evidence-based estimate of patient harms associated with hospital care. Journal of Patient Safety, 9(3), 122-128.

2. Makary, M.A., & Daniel, M. (2016). Medical error – the third leading cause of death in the U.S. BMJ, 353, i2139.

REVIEW ARTICLE

A New, Evidence-based Estimate of Patient Harms Associated with Hospital Care



ANALYSIS

sis of this estimate is nearly 3 decades old; herein, an nate is developed from modern studies published from

literature review identified 4 limited studies that used literature review identified 4 limited studies that used Global Trigger Tool to flag specific evidence in medical as medication stop orders or abnormal laboratory results, to an adverse event that may have harmed a patient. Ulti-uician must concur on the findings of an adverse event and

specian must concur on the findings of an aboves event and five secrety of princise five secretic and the secretic and integra a weighted average of the 4 standers, a bover limit of hing a weighted average of the 4 standers have been also also performed to the secretic and the secretic and the elementary of the secretic and the

satient harm, preventable adverse events, tra ed care, Global Trigger Tool, medical errors

men make mistakes, but a good man Is when he knows his course is wrong, repairs the evil. The only crime is pride."- Sophocles, Antigone"

care in the United States is technically complex at individual provider level, at the system level, and at

ment Nathry America, Houston, Texas.
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ethi, jumes@curthlink.nct).
post none.
2013 by Lippincett Williams & Wilkins

the national level. The amount of new knowledge generated each year by clinical research that applies directly to patient care can easily overwhom the individual physicant trying to optimize the care of his patients. Furthermore, the lack of a well-integrated and comprehensive continuing docastion system in the health professions is a major contributing factor to knowledge and performance deficiencies at the admirkulant and system of the contribution of the cont Based on 1984 data developed from reviews of medical atients treated in New York hospitals, the Institute of Med-ted that up to 98,000 Americans die each year from medical guidelines.3-5 At the system level, hospitals struggle with staff

ing issues, making suitable technology available for patient care, and executing effective handoffs between shifts and also between cost-driven institutions may increase the risk of preventable ad-verse events (PAEs). The United States trails behind other developed nations in implementing electronic medical records for its citizens. Hence, the information a physician needs to optimize care of a patient is often unavailable

At the national level, our country is distinguished for its patchwork of medical care subsystems that can require patients

At the national level, our country is distinguished for its patchwook of medical care subsystems that can require patients proceed and expert the process of prompts require.1

The approach to the problem of identifying and enumerating PAEs was 4-fold: (1) distinguish types of PAEs that may occur in hospitals, (2) characterize preventability in the conter of the Global Trigger Tool (GTT), (3) search contemporar medical literature for the prevalence and severity of PAEs that have been enumerated by credible investigators based on medical

I Patient Saf . Volume 9, Number 3, September 2013



Medical error—the third leading cause of death in the

How big is the problem?

The most commonly cited estimate of annual deaths from medical error in the US—a 1999 Institute of Medicine (10M) report—is limited and outdated. The report describes an incidence of 44 000-98 000 deaths annually.' This conclusion was not based on primary research conducted by the institute but on the 1984 Harvard Medical Practice Study and the 1992

Utah and Colorado Study. 19 But as early as 1993, Leape, a chief investigator in the 1984 Harvard study, published an article arguing that the study's estimate was too low, contending that 78% rather than 51% of the 180 000 iatrogenic deaths were

preventable (some argue that all introgenic deaths are preventable). "This higher incidence (about 140 400 deaths due to error) has been supported by subsequent studies which suggest that the 1999 IOM report underestimates the magnitude of the

problem. A 2004 report of inpatient deaths associated with the

Indicators in the Medicare population estimated that 575 000 deaths were caused by medical error between 2000 and 2002,

ceans were caused by medical error tenewen 2000 and 2014, which is shout 195 000 deaths a year (table 1]3. "Similarly, the US Department of Health and Human Services Office of the Inspector General examining the health records of hospital inpatients in 2008, reported 180 000 deaths due to medical error a year among Medicare beneficiaries alone." Using similar methods, Classen et al described a rate of 1.15%. "If this rate

Similarly, Landrigan et al reported that 0.6% of hospital admissions in a group of North Carolina hospitals over six years (2002-07) resulted in lethal adverse events and conservatively estimated that 63% were due to medical errors.14 Extrapolated nationally, this would translate into 134 581 inpatient deaths a

year from poor inpatient care. Of note, none of the studies ors in care at home or in nursing homes and in outpatient

is applied to all registered US hospital admissions in 20 translates to over 400 000 deaths a year, more than four the IOM estimate.

Agency for Healthcare Quality and Research Patient Safety

Medical error is not included on death certificates or in rankings of cause of death. Martin Makary and Michael Daniel assess its contribution to mortality and call for better reporting

Martin A Makary professor, Michael Daniel research fellow

Department of Surgery, Johns Hopkins University School of Medicine, Baltimore, MD 21287, USA

The annual list of the most common causes of death in the United Stans, complied by the Center for Donese Cannot and United Stans, complied by the Center for Donese Cannot and the Center of the Cent diagnostic errors, poor judgment, and inadequate skill can directly result in patient harm and death. We analyzed the to US deaths in relation to causes listed by the CDC.2

Death from medical care itself

Medical error has been defined as an unintended act (either of omission or commission) or one that does not achieve its intended outcome,3 the failure of a planned action to be completed as intended (an error of execution), the use of a wrong plan to achieve an aim (an error of planning).4 or a deviation patient. Patient harm from medical error can occur at the individual or system level. The taxonomy of errors is expandin to better categorize preventable factors and events. We focus on preventable lethal events to highlight the scale of potential

The role of error can be complex. While many errors are The role of error can be complex. While many errors are non-consequential, an error can end the life of someone with a long life expectancy or accelerate an imminent death. The case in the box shows how error can contribute to death. Moving away from a requirement that only reasons for death with an ICD code can be used on death certificates could better inform healthcare research and awareness priorities.



What Are Medical Errors?

- A medical error is an unintentional, preventable, adverse event, whether or not it is evident or harmful to the patient, and leads to unsafe care.
- Medical errors are most often made by health workers who mean well but operate in a healthcare system lacking systems and processes that are highly reliable - like aviation, nuclear power and oil.



Some examples include:

- 1 Your son tests positive for COVID-19 and is admitted to the hospital. Due to the lack of masks your son's caregiver isn't able to stop the spread of the infection and is also infected. *This is preventable.*
- Your grandmother goes into the hospital for a hip replacement and gets an infection at the site of her surgery and dies five days later. This is preventable.
- 3 Your neighbor has an asthma attack during allergy season and goes to the emergency department for relief. The medication they give to your neighbor is 10x's stronger than it should be and he dies. *This is preventable*.
- 4 Your brother is in a skateboarding accident, hits his head and becomes unconscious. In the hospital, they put a tube in his trachea, and it becomes dislodged and he dies. *This is preventable*.

Healthcare Worker Safety

- Pandemic has exposed the gaps in safety for healthcare workers
- Thousands have died while serving patients
- High Suicide, Depression, Burnout Rates
- Frontline injuries
 - Needlesticks
 - Lifting Injuries
 - Falls and Slips
 - Workplace Violence



"To Err is Human"



Why Do We Need Human Factors in Healthcare?

Credit to Raj Ratwani





We Create Vulnerable Systems and then tell our Colleagues Not to Make a Mistake



Albert Einstein

"The definition of insanity is doing the same thing over and over again but expecting different results."







Chicago Cubs Fan



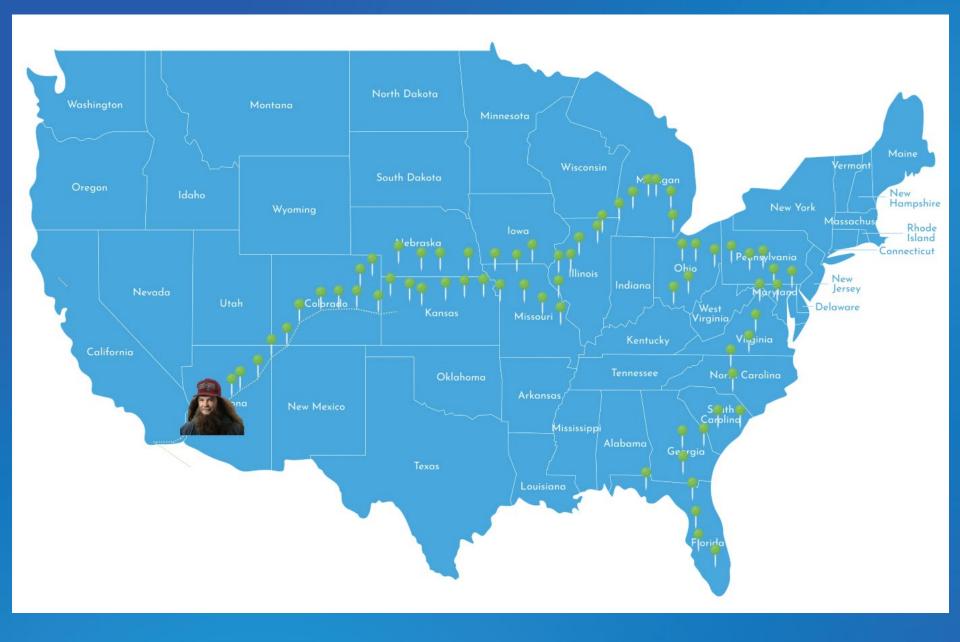
Peoria doctor walks for caregivers and patients

Peoria, AZ | peoriatimes.com | 14h



Each year, more than 200,000 people die unnecessarily in U.S. hospitals. Worldwide, 4.8 million lives are lost. The Patient Safety Movement Foundation (PSMF) is a global nonprofit organization offering free tools to help achieve zero preventable deaths from hospital errors.





74 days of driving; Over 15,000 miles driven!























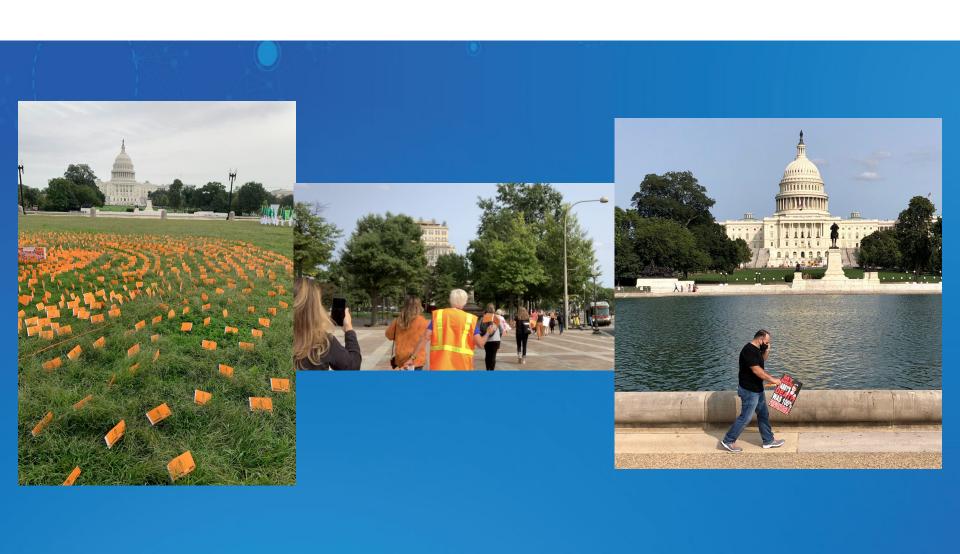


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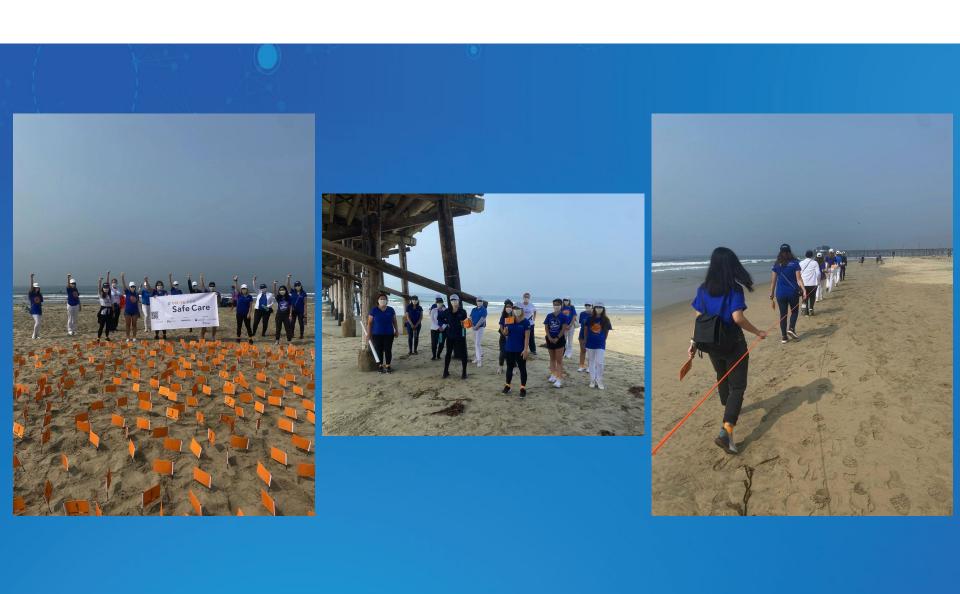


Total Miles Walked by Our PSMF Global Team: 238,912

Washington DC Walk



Newport Beach Walk





During a Pandemic, Racial Injustice Riots and Polarized Elections

- 1. 2,460 total miles walked over 355 consecutive days
- 2. 15,368 miles driven over 74 days visiting 26 states.
- 3. Broken glass, busted out windows, protesters and physical threats
- 4. 75 TV, radio, newspaper and podcast interviews raising awareness about the need for better patient and healthcare worker safety.
- 5. 12 pairs of Brooks running shoes used.
- 6. 20 Major League Ballparks, 14 spring training ballparks and 3 minor league ballparks walked to despite not being allowed into them.
- 7. \$50,000+ raised for the Patient Safety Movement Foundation.
- 8. Two broken toes, back spasms, frequent hip and knee pains.



- https://patientsafetymovement.org/advocacy/patients
 -and-families/resources/
- Download PatientAider free APP
- Sentinel
- Ask questions; be a partner in your care
- Get second opinions on important decisions
- Don't be bullied or intimidated
- Medications
- Use On-line Patient Portals
- Hospital Compare, Leap Frog and other Ratings Sites



Thank You





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