

# Health Watch USA<sup>sm</sup> Newsletter

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Member of the National Quality Forum and a designated "Community Leader" for Value-Driven Healthcare by the U.S. Dept. of Health and Human Services

### OPEN:

## A Perspective on the Principles of Integrity in Infectious Disease Research

Kevin T. Kavanagh, MD, MS, \* Stephen S. Tower, MD, 9 and Daniel M. Saman, DrPH, MPH;

logue of cruating a significant offict (and scountries an insignificant one). changes in matrics, and how trials may full because of suboptimal impropaons. When cannot high her becamples how but the problem are wise-point and Thetare the difficulty successed with integrating end cal-rooms. The situ of the common end and handles make it of a remail impo-sor that all exists on if the measuring terminal, including an exceed before in the colors and information and the call find a gave before author's common du-

STARPICU (efections disease, MESA, serveillance, chierlandine, standard of care, SIAI, hacterial resistance, MERO

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#### PERSPECTIVE

#### Introduction

The United States is on the practice of a devanting infur-tions disease epiderici, a position it has not been in for well more than 60 years. Multilang-involved buctorial informations are becoming all to accessors with some bactoria theoreting for make cristing artificionis obsolets, acting medicates back almost 100 years. Almody, concerns are being expressed regarding the 100 year. Already, concerns are being expressed regarding the impact of authoris resistance in sugery and causer chemother-app? Governments, agencies, and associations are preparing in-traines to confine and reviewe this energing epidemic. Their main weapon is adence and research as reported in the per-reviewed iterature. However, nature evolves and adapta, which continued modicately advances. The mount Eboda contrast heighighout the accounty of therefore, and operating the contrast contageror. The The-current cause of the pore-reviewed intentual has question-able reliability, making it difficult for our health care system to formulate and arounteed a refulled covaries of action. A recent

formulate and monumend a refuble course of action. A recent commentary by Horion, 6 the aditor of The Lances, stand, "The

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men against science is straight forward much of the scientific li-mature, perhaps half, ever comply be untrue." Self-policing is often lacking, as stated by the Food and Drug Administration.

"When the FDA finds significant departures from y clinical practice, those findings are solden reflec cibical practice, those fluidings are solden reflected in the pur-revisional literature, even when there is evidence of data fabrication in other forms of research misconduct.<sup>52</sup>

Reversal of standards of care in also not uncommune. Presed or all found that of 363 arisels that noted standards of care, 40% appointed recenting the standard. Most disturbingly, core of the service in question owns published in the proceeding journal, with the diel of influences also made in the care of an armiter of anti-closs that has import request on selections disease polyc, there have been significant concurse segmenting methodology, that authorities and interpretations. A clear conduction of the concommunitation in these studies in acuted. The objective of this perspective was to studies in acuted. The objective of this perspective was to studies in acute of the concommunitation of the concommunitation of the control of the concommunitation of the concommunitation of the concommunitation of the problem of the research integrity.

Concorns regarding research integrity can be classified as follows:

## Spinning Results

Spinning Results

Spin in an other missanderstood term. It also not mean "profile" or presenting takes information, but instead conveying the information, but instead conveying the information is such a stay that own may some to an opposite information in the state of the information in the state of the information in the profile article.

Breather usually find a same the counciliants occurred in the abstract and article. They may be the only sections and. Sometimes, however, altered them are regime that the author's conclusion, which would diless maken to regime that the author's or reduction, which would diless maken to regime that the author's or reduction, which would diless maken to regime that the author's or reduction at 25% (2772) to 58,25% (2572) appearable; in addition, spin at 25% (2772) to 58,25% (2572) appearable; in addition, spin sea identified in the mostle, discussion, and conclusion sections of the main article in 29%, 48%, and 59% of appearance required in the mostle, discussion, and conclusion section of the main article in 29%, 48%, and 59% of appearance in the land and a support of the main article in 29%, 48%, and 59% of appearance in the land and an appearance in the support of the sum and the support of the sum of of the

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## **Healthcare Infections**

## **Integrity in Infectious Disease Research**

"The medical literature is prone to overstating results, a condition not thoroughly recognized among policymakers. This article sets forth examples of potential problems with research integrity in the infectious disease literature. We describe articles that may be spun, categories lumped together in hopes of creating a significant effect (and sometimes an insignificant one), changes in metrics, and how trials may fail because of suboptimal interventions. When examined together, the examples show that the problems are widespread and illustrate the difficulty associated with interpreting medical research. The state of the current medical literature makes it of utmost importance that all sections of the manuscript are read, including associated letters to the editors and information on ClinicalTrials.gov before authors' recommendations are accepted." FREE ACCESS -- Journal of Patient Safety, Mar. 2016. Download PDF

http://journals.lww.com/journalpatientsafety/Abstract/publishahead/A Perspective on the Princi ples of Integrity in.99603.aspx

## Written Comments Submitted by Health Watch USA to the Presidential Advisory Council on Combating Antibiotic-Resistant Bacteria, March 30-31, 2016

"One of major approaches which institutions are utilizing to control multi-resistant organisms is universal daily Chlorhexidine Bathing. But there are concerns with the development of resistance. There are also concerns regarding chlorhexidine effectiveness. Much of the research has integrity problems. We would encourage the committee to reexamine the use of surveillance as exemplified by last meeting's VA system's presentation on achieving a dramatic reduction in MRSA infections in a very high risk population. Finally, I again would call upon the members of the CARB Committee to disclose their conflicts of interest. " View Comment

## C. Diff in hospitals spreads 1000 times faster than in communities.

"Long-term care facility residents transmit at a rate of 27% (95% CI 13%–51%) that of hospitalized patients, and persons in the community at a rate of 0.1% (95% CI 0.062%–0.2%) that of hospitalized patients."

http://wwwnc.cdc.gov/eid/article/22/4/15-0455 article

## Lax State Regulations Make it Easier for Hospitals to Hide Infection Data

FierceHealthcare: "The researchers, led by Mohsen Bayati, compared data from states with stringent requirements for HAI reporting with data from states with weaker ones and found substantially lower rates in the latter states."

<u>www.fiercehealthcare.com/story/lax-state-regulations-make-it-easier-hospitals-hide-infection-data/2016-03-09</u>

Evidence of Strategic Behavior in Medicare Claims Reporting: <a href="http://www.gsb.stanford.edu/faculty-research/working-papers/evidence-strategic-behavior-medicare-claims-reporting">http://www.gsb.stanford.edu/faculty-research/working-papers/evidence-strategic-behavior-medicare-claims-reporting</a>

## **Outbreak of an Unusual Strain of CRE was Found in Kentucky**

MMWR (2/26/156): "No cases of clinical infection or complications attributable to colonization were reported. Four of the eight isolates were identified as Enterobacter cloacae; other organisms included Raoultella species (one), Escherichia coli (one), and Klebsiella pneumoniae (two). Six isolates were reported in a neonatal intensive care unit (ICU), and two isolates in an adult trauma and surgical ICU." This outbreak illustrates how with the coordination of the Health Department and facilities can bring an outbreak to a rapid conclusion without the occurrence of an infection. In addition, the number of different organisms which displayed the resistance illustrates how easily the bacteria can pass the resistance gene among each other. Thus, resistance does not just arise in the progeny of the index case bacterium. <a href="Download Report">Download Report</a>

## **Superbugs Now Account for One in Seven Hospital Infections**

Digital Journal: "...One in 25 patients have an infection that they picked up in the hospital. Moreover, one in seven catheter- and surgery-related "healthcare acquired infections" can be caused by any of six antibiotic-resistant bacteria."

http://www.digitaljournal.com/life/health/superbugs-account-for-1-in-7-hospital-infections/article/459383

# Where and When Have The Highest Rates of Antibiotic Resistance Been Detected

-- New Graphic from the CDDEP. Click on the right hand picture to enlarge.

# Where and when have the highest antibiotic resistance rates been detected? A warm of the property of the prop

## **Healthcare Quality**

# **Docs Who Get Company Cash Tend to Prescribe More Brand-Name Meds**

Propublica: "The more money doctors receive from drug and medical device companies, the more brand-name drugs they tend to prescribe, a new ProPublica analysis shows. Even a meal can make a

difference. " "..the average brand-name prescribing rate was about 20 percent, compared to about 30 percent for those who received more than \$5,000."

https://www.propublica.org/article/doctors-who-take-company-cash-tend-to-prescribe-more-brand-name-drugs

## **AHRQ Chartbook Shows 17 Percent Decline in Hospital-Acquired Conditions**

Download

Chartbook: <a href="http://www.ahrq.gov/sites/default/files/wysiwyg/research/findings/nhqrdr/chartbooks/">http://www.ahrq.gov/sites/default/files/wysiwyg/research/findings/nhqrdr/chartbooks/</a> /patientsafety/qdr2015-ptschartbook.pdf

**Download PowerPoint** 

Slides: <a href="http://www.ahrq.gov/sites/default/files/wysiwyg/research/findings/nhqrdr/chartbooks/pati">http://www.ahrq.gov/sites/default/files/wysiwyg/research/findings/nhqrdr/chartbooks/pati</a> entsafety/qdr2015-ptschartbook.pptx

## Cleveland Clinic Queried in U.S. Senate Review of Concurrent Surgeries

http://www.cleveland.com/healthfit/index.ssf/2016/03/cleveland clinic queried in us.html

## **Healthcare Finances**

## **Medical Bills are Way Too High -**

## - Here is an Example

In this example the initial charge (asking price) was \$57,640. After the insurance company intervened the charge was reduced over 75% to \$11,284. If a patient does not have insurance, then he/she may have to pay the entire bill. Sometimes the hospital will reduce the amount owed by 25% if all is paid at once. However, this is still much higher than the insurance price. Submitted by

CLAIM SUMMARY AT A GLANCE Subscriber ID: 902 Patient Name: M Your claim was re \$2,821.00 Patient responsibility: Amount you paid or owe to provider.) We paid MERC \$11,284.00 Amount we paid: \$43,540.00 Network savings: Amount saved by using a network provider.) Amount billed by Provider: \$57,645.00 DETAIL Provider: Participating Provider - No Amount Service Type of Service and

Melissa Ann Seibold. Click on the right hand picture to enlarge.

For more information see the Washington Post article on this subject:

Washington Post "50 hospitals charge uninsured more than 10 times cost of care, study finds" <a href="https://www.washingtonpost.com/national/health-science/why-some-hospitals-can-get-away-with-price-gouging-patients-study-finds/2015/06/08/b7f5118c-0aeb-11e5-9e39-0db921c47b93">https://www.washingtonpost.com/national/health-science/why-some-hospitals-can-get-away-with-price-gouging-patients-study-finds/2015/06/08/b7f5118c-0aeb-11e5-9e39-0db921c47b93</a> story.html

## **Medical Devices**

## Johnson and Johnson Pays Record Verdict in Pinnacle Hip Replacement Court Action

Fox News: "Following a two-month trial, jurors found that the Pinnacle hips were defectively designed, and that the companies failed to warn the public about their risks." "

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# Next Health Watch USA Meeting -- April 20th, 2016



Speaker: Deena Sowa McCollum, BSN, RN The Importance of High Quality Nursing Care

In December 2014, Deena's Dad died as a result of 3 delays in care and a misdiagnosis. After his death and almost 10 years in leadership positions, Deena returned to bedside nursing. "I needed to understand why there were so many missed opportunities in my Dad's care. Then educate patients and family members on the importance of their role in being safe." Deena obtained her Bachelor's of Science degree in Nursing from Stephen F. Austin State University in Nacogdoches, Texas. Deena was among Texas Healthcare Association's Top 10 Directors of Nurses for Long Term Care in 2008, 2009. More

recently, Deena has been a contributing writer for Nursecode.com and guest appearances on Surviving Healthcare Today and Advocacy Heals You radio talk shows.

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