

Health Care Acquired Conditions



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Consumer Reports
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Disclosures

- General internist, most recent practice at the Portland VA in 2008.
- Employed by Consumer Reports, publisher of:
 - Consumer Reports
 - ConsumerReports.org
 - Multiple other multimedia publications
- 20 million readers a month, older, affluent, well educated, not diverse. Trying to diversify.
- Independent of industry
- Non profit, non partisan

The New York Times

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NEW YORK, MONDAY, AUGUST 25, 2008

Crossword Edited by Will Shortz

PUZZLE BY ANDREA CARLA MICHAELS AND MICHAEL

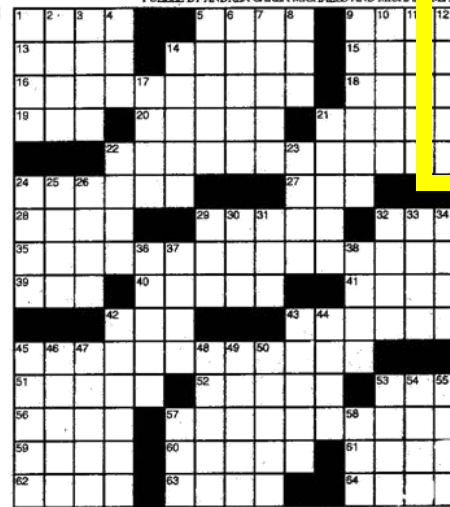
12. Consumer Reports employee

ACROSS

- 1 Opposed to
- 5 Leg part below the knee
- 9 Come from
- 13 Have as a definition
- 14 Tour of duty
- 15 Singsong syllables
- 16 Be very potent
- 18 Londoner, e.g., for short
- 19 "Seats sold out" sign
- 20 Singer Ronstadt
- 21 Pet's annoyance
- 22 Social hierarchy
- 24 Shout before "Open up!"
- 27 Toronto's prov.
- 28 Neighbor of Yemen
- 29 Capital of Bolivia
- 32 Engine additive brand
- 35 Very best puppy or kitten
- 39 Pig's place
- 40 Moth-repellent wood
- 41 Lower-priced spread
- 42 RR stop
- 43 Burr and Copland
- 45 Miscellaneous coins
- 51 Dark
- 52 "Steppenwolf" writer Hermann
- 53 Fuss
- 56 Squad
- 57 Got ready to kiss
- 59 Tent floor, maybe
- 60 Lucy's pal on "I Love Lucy"
- 61 Go ballistic
- 62 Kill
- 63 Requirement
- 64 Ed with the 1967 hit "My Cup Runneth Over"

DOWN

- 1 Concert equipment
- 2 Within easy reach
- 3 Stuffed tortilla
- 4 What a quill may be dipped in
- 5 Reeked
- 6 Language of India
- 7 Of an old Andean empire
- 8 To the _____ degree
- 9 Physicist Einstein
- 10 Got along
- 11 Dead's opposite
- 12 Consumer Reports employee
- 14 Zest
- 17 Baldwin of "30 Rock"
- 21 Kind of scheme that's fraudulent
- 22 Like the sky at dawn or sunset
- 23 Aim
- 24 Boston _____
- 25 Leave out
- 26 Like some delicate lingerie
- 29 Inc., in England
- 30 "I get it!"
- 31 The "p" in m.p.g.
- 32 Normandy town in W.W. II fighting
- 33 College freshman, usually
- 34 Experts
- 36 Eight-piece band
- 37 Accomplishment
- 38 Ripped
- 42 Meager
- 43 Photographer Adams
- 44 Ripening agent
- 45 Strokes on the green
- 46 Hollywood's Ryan or Tatum
- 47 Barton of the Red Cross
- 48 Water park slide
- 49 "Men in Trees" actress Anne
- 50 Inquired
- 53 Father of Cain and Abel
- 54 Hill you might drive a buggy over
- 55 Chooses, with "for"
- 57 Quill, sometimes
- 58 Eisenhower years, e.g.



9/25/08 (No. 1625)

ANSWER TO PREVIOUS PUZZLE



R
A
T
E
R

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My Comments Today

- Health care today
 - Profitability is priority, not safety.
 - Health Systems
 - Drug Companies
 - Hospitals
- Health Care Acquired Conditions
 - Conditions related to errors
 - Conditions related to treatment
 - Conditions related to diagnosis
 - Conditions related to prevention
 - Social conditions related to health care

Share of US Income

NY Times 10/30/2011, Eduardo Porter

	1979	2005	Increase
Top 1% tax-payers	9.18%	16.97%	+85%
Execs/Mgrs in top 1%	3.65%	6.35%	+74%
Finance prof in top 1%	0.82%	2.77%	+238%
Lawyers in top 1%	0.61%	1.22%	+100%
Med Prof in top 1%	1.29%	1.85%	+43%

Systems are perfectly designed to get the results they achieve.



Current Health Playing Field Not Level

- Industry dominates consumers
 - Information, industry influence on government, research, legal protections, privacy
- Billions in direct to consumer
 - Words regulated but visuals, tone and context may be more important
- Billions in physician marketing
 - Detailing, sampling, financial relationships
 - More and more physicians employed by hospitals
- Billions in a biased research enterprise
 - Methodology, positive finding bias, ghostwriters

ProPublica

<http://projects.propublica.org/docdollars/>

- Foundation funded investigative reporting
- Released information from twelve drug companies on thousands of US physicians who they have financial relationships with. \$760 million dollars in two years
 - California---\$89 million
 - New York---\$60 million
 - Texas---\$59 million
 - Tennessee---\$21 million
 - Kentucky---\$11 million
- Dollars just for speaking, consultation and travel not research.

GlaxoSmithKline settlement

- NY Times 11/4/2011
- Largest in history—\$3 billion
 - Pfizer, 2008, 2.3 billion
- Criminal and civil issues—no individual named
- Multiple drugs including Avandia
- Previous \$750 million settlement including \$150 million criminal penalty
- Stock went up; settlement = 1-2 QTR profit

Hospitals

- Hospitals: Sun or planet??
- Profit or non profit??
- Relationship to doctors
- Culture of safety??
- CEO goals and incentives

Alan Greenspan

—made a mistake in presuming that the self interest of organizations, specifically banks and (other financial institutions), were such as that they were best capable of protecting their own shareholders and their equity in the firms.”



Health Care Acquired Conditions

- Conditions related to errors
- Conditions related to treatment
- Conditions related to diagnosis
- Conditions related to prevention
- Social conditions related to health care

Conditions related to errors

- Morbidity or mortality due to care provided incorrectly
- Hospital acquired infections likely most costly, most morbid, preventable example
- Surgical errors
 - Wrong site, wrong side, retained foreign body
- Medical errors
 - Wrong drug, wrong dose, adverse event of drug not needed
 - Radiation
- System errors
 - Falls
 - Misidentification

Frequency of errors

- Classen et al, Health Affairs, April 2011
- Compared error reporting systems in 3 hospitals involved in robust safety efforts.
 - Voluntary reporting = 4 errors (no deaths)
 - AHRQ PSI = 35 errors (4 deaths)
 - IHI Global Trigger Tool = 354 errors (4 deaths)
- Errors occurred in 1/3 of admissions

Conditions related to treatment

- Morbidity and mortality related to correct treatment
- Large variation in clinical performance
- Surgical examples
 - Carotid endarterectomy (1.4% to 6.0% periop stroke and death)
 - CABG--Mortality in good shape, variability in complications
- Medical examples
 - Chemotherapy
 - MI, pneumonia, CHF hospital mortality

Society of Thoracic Surgery (STS)

- 10 Kentucky hospitals consent to release data
- 4 surgical groups are 3 star
 - Norton Hospital/Louisville
 - Central Baptist/Lexington (89% probability of avoiding complications)
 - St. Joseph/London
 - Kings Daughters/Ashland
- 6 surgical groups are 2 star
 - Hardin Memorial/Elizabethtown (73% probability of avoiding complications)

Hospital Associated Disability

- Covinsky et al, JAMA, October 2011
- Occurs in 3/10 patients 70 and older
- Primary treatment objective often met but patient disabled by hospital stay
- Mobilize, socialize, minimize interventions
- Focus on discharge to home

Conditions related to diagnosis

- Morbidity and mortality related to incorrect diagnosis or failure/delay in diagnosis
- Under diagnosis
 - Mental health
 - Substance abuse
- Over diagnosis
 - Disease mongering
- Incorrect diagnosis
 - Failure to appreciate noncompliance

Disease Mongering

- —“Conditions” that precede disease
 - Prediabetes, osteopenia, asymptomatic occlusion of blood vessels
- —“Dysfunction” in qualitative conditions
 - Sexual dysfunction
 - Intellectual function, memory
- Diagnosis based on test

Conditions related to prevention

- Morbidity and mortality related to errors in screening, ineffective/dangerous preventive strategies
- Statins in low risk women
- PSA in men
- EKG, CT angio
- Estrogens in post menopausal women

Heart/Vascular Prevention Test Ratings

Men, 45-54, Asymptomatic

<u>HEART TEST</u>	<u>RATING</u>	<u>BENEFITS</u>	<u>RISKS</u>	<u>COST</u>
Blood Pressure	●	Substantial	Minimal	Minimal
Cholesterol	●	Substantial	Minimal	Minimal
Blood glucose (diabetes)	○	Minimal	Minimal	Minimal
C-reactive protein	◐	Minimal	Minimal	Minimal
Clogged peripheral arteries	◐	Minimal	Moderate	Substantial
Clogged carotid arteries	●	None	Moderate	Substantial
Abdominal aortic aneurysm	●	None	Moderate	Substantial
Electrocardiogram (EKG or ECG)	●	None	Moderate	Moderate
Stress test (EKG)	●	None	Moderate	Moderate

CT Coronary Angiography for Screening

- USPSTF “I” recommendation—insufficient evidence (calcium score)
- Active promotion underway---focusing on images—plaque/obstruction
- Significant radiation exposure
- Significant costs—direct and indirect
- Implications for intermediate risk
- Implications for low risk

Cardiovascular Screening Tests in Healthy 40-60 year olds

- 11% had a MD conversation about FU if test abnormal
- 9% discussed accuracy of test
- 4% knew about potential complications
- 1% discussed with MD whether test saved lives

2010 Survey of Consumer Reports Subscribers

Angioplasty---analysis of appropriate care

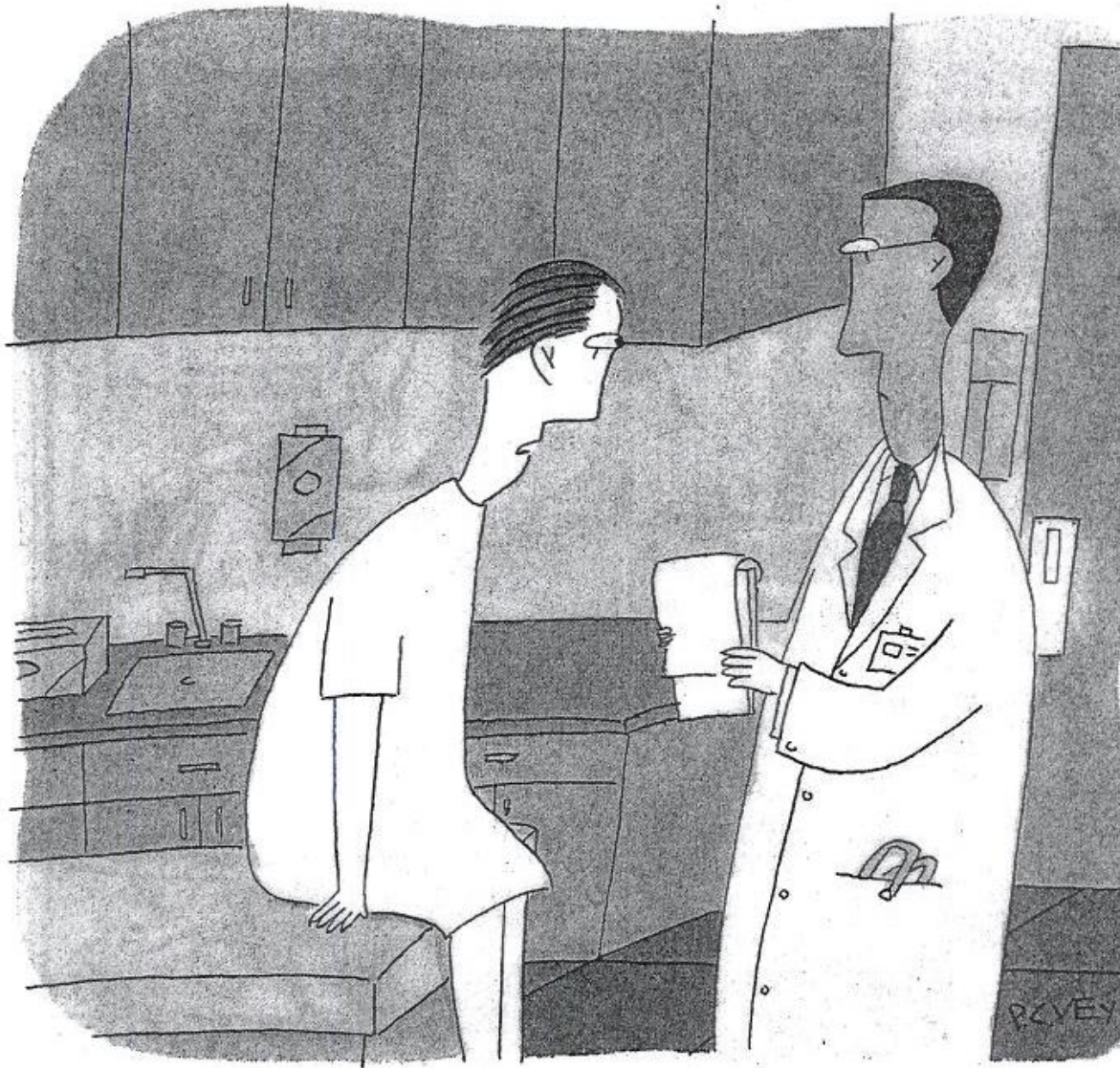
- JAMA, July 2011
- 1000+ centers
- Angioplasty for STEMI in good shape---98.5% appropriate
- Angioplasty for angina or no pain a problem
 - 50% appropriate, 20% inappropriate, 30% not sure
 - High degree of variation—inappropriate rates 6-40+%

Social conditions related to health care

- Bankruptcy/Foreclosure/Mental Health/Suicide
- Missed opportunities
- Disability
- Secondary Gain
- Addiction

Suggestions for Hospital Patients

- Don't be alone
- Stay in control---know meds, doctors, tests. Document errors.
- Bring a wireless device and do research on the fly
- Use information before, during and after—comparisons, videos, user reviews
- Most hospital admissions = failure of the health system. What failed in your case?
- Plan for discharge starting with admission
 - don't leave without a diagnosis, list of meds, FU visit, number to call if questions



"If I don't think it's going to work, will it still work?"

—~~When~~ you're through learning,
you're through.”

John Wooden

Former UCLA basketball coach

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