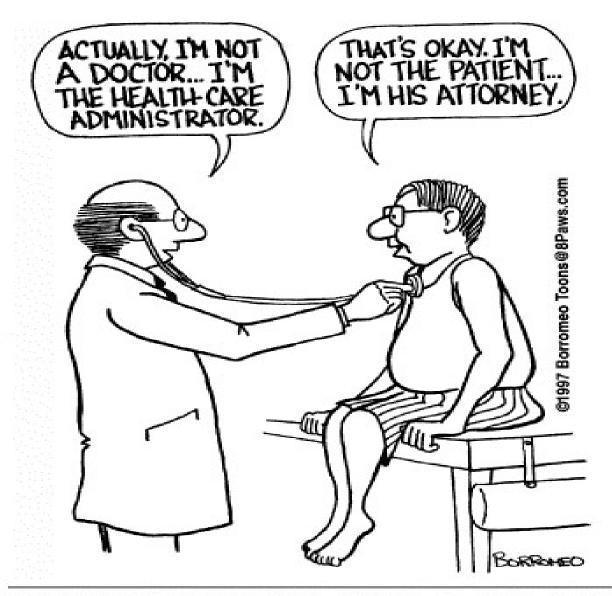
Health Care Systems

Paul Watson, MD Retired



Reprinted from The Funny Times / PO Box 18530 / Cleveland Heights, OH 44118 phone: (216) 371-8600 / e-mail: ft@funnytimes.com



Tobacco Smoke Enema (1750s-1810s)

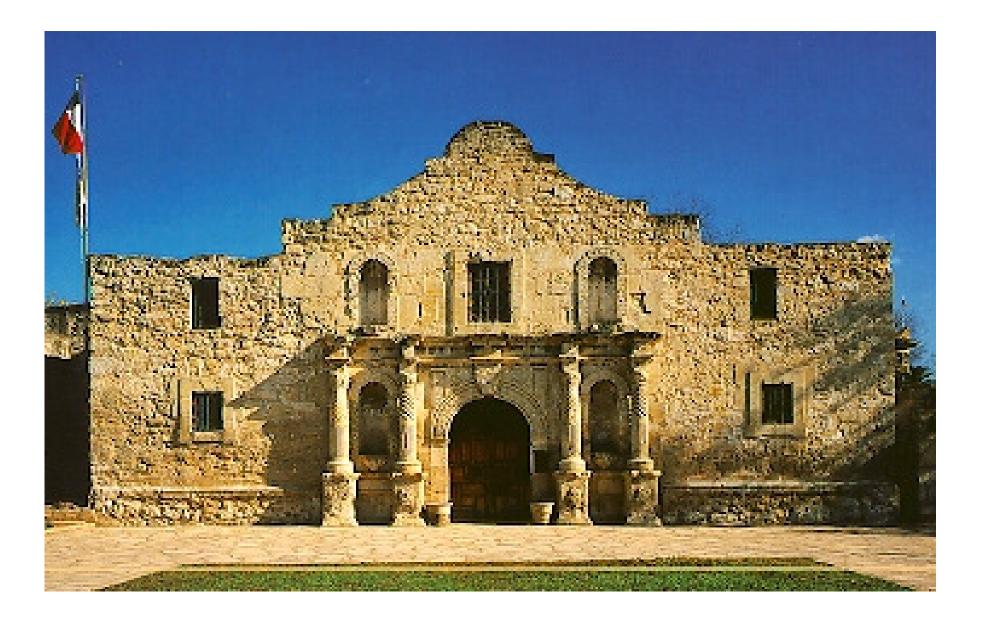
The tobacco enema was used to infuse tobacco smoke into a patient's rectum for various medical purposes, primarily the resuscitation of drowning victims. A rectal tube inserted into the anus was connected to a fumigator and bellows that forced the smoke towards the rectum. The warmth of the smoke was thought to promote respiration, but doubts about the credibility of tobacco enemas led to the popular phrase "blow smoke up one's ass."

MYTH #1

EVERYTHING HAS A SOLUTION

DISCLOSURES

98%



What is a Veteran

A 'Veteran' — whether active duty, discharged, retired, or reserve — is someone who, at one point in his life, wrote a blank check made payable to "The United States of America," for an amount of "up to, and including his life."



What to Expect

- HISTORY OF HEALTH CARE FUNDING IN USA
- HEALTH CARE SYSTEMS AROUND THE
 WORLD
- OPTIONS FOR THE FUTURE

DEFINITIONS

INSURANCE – system to idemhify against loss or harm against specified contingencies in consideration of payment proportional to risk

MYTH #2

George Orwell was a lexicographer

NEWSPEAK

ENTITLEMENT

Favorite Political Quote #1

"There's not a dime's worth of difference between the Democrat and Republican Parties"

Alabama Governor George Wallace candidate for President 1968

100%

Favorite Political Quote #1

"There's not a dime's worth of difference between the Democrat and Republican Parties"

Democrats want to give the dime away Republicnas want people to earn it

DEFINITIONS

RIGHT – Dictionary.com has 62 different definitions

John Locke in "The Second Treatise on Government"

"no one ought to harm another in his life, HEALTH, liberty or possessions"

96%



1789 – US Marine Hospital

1847 – The Massachusetts Health Insurance Company

1849 – New York passes first general insurance law

1853 La Societe Francaise de Bienfaisance Mutuelle establish prpaid hospital plan

1863 The Travelers Insurance Company of Hartford – insurance for train mishaps

1870's Railroad, mining and other industries provide company docotrs

1877 Granite Cutters Union – first national sick benefit

1910 Montgomery Ward –one of earliest group insurance contracts

1910's physician and industrial health plans in Northwest

1912 Natoinal Convention of Insurance Commissioners – first model state law

1913 International Ladies Garment Workers Union – first union medial services

1915 – 1920's efforts to establish compulsory health programs fail in 16 states

1919 – Schoolteachers arrange for services at Baylor Hospital, Dallas

1929 – Actual Blue Cross plan establish in Dallas

1937 – Blue Cross Commission established

1939 – Revenue Act of 1939 (Sec 104) – establishes tax exclusion for workers comp

1943 – War Labor Board – wage freeze does not apply to fringe benefis

1945 – Kaiser Health Plan opens to non-Kaiser groups

1948 – McCarran Ferguson Act – gives states broad power to regulate insurance

1949 – Supreme Court upholds NLRB ruling that benefits are subject to collective bargaining

1954 Revenue Act (Sec 106) excludes from taxation employer's contributions

1965 – Medicare and Medicaid passed as Title XVIII and XIX of Social Security Act

1968 – Firestone Tire and Rubber Co begins to self-fund health benefits

1973 – Health Maintenance Organization Act establishes federal qualifications

1974 Employee Retirement Income Act (ERISA) uniform standards for employee benefit plans

1978 Pregnancy Discrimination Act of Civil Rights Act – pregnancy same as medical cond

1984- Deficit Reduction Act effects VEBAs and makes Medicare secondary for workers

1986 – COBRA for 20 or more employees

1996 – HIPPA federal standards; standard electronic formats; privacy; pilot MSAs

1996 – Mental Health Parity Act –requires mental health benefits

1996 – Newborns' and Mothers Health Protection Act

1997 – Balanced Budget Act – creates Medicare+Choice and CHIP

1998 – Omnibus Consolidated and Emerg Suppl Approp Act – coverage for reconstruction

1999 – Financial Services Modernization Act – restricts disclosure of nonpublic fin info

2000 – Electronic Signature in Global and National Commerce Act

2001 – Consolidated Appropriations Act – extends MSA program

2010 - Patient Protection and Affordable Care Act and Health Care and Education Reconciliation Act -

or **Obamacare**



BlueCross BlueShield

1919 – Teachers in Dallas

1929 – JF Kimball – hired by Baylor University to "shore up the shaky finances of University Hospital"

Early Brochure –

"Baylor uses not sales agency or middlemen, but prefers to deal directly with each group so that all group hospitalization fees paid may be used for hospital care of members and not for any personal profit."

- Original plan provided teachers 21 days of hospital care for \$6 per year
- Texas Department of Insurance viewed plan NOT as insurance, but "group contract for the sale of services"

It was a "godsend to thousands" 408 employee groups in 5 years

A 501 (c)(4) "social welfare" organization

UNFAIR

1987 a new tax category

1994 – licensees could convert to a FOR-PROFIT status and DISTRIBUTE EARNINGS to those exercise CONTROLL over the COMPANY

1996 Texas BC BS proposed to merge with Health Care Service Company – a mutual insurance company that could become FOR-PROFIT by a vote of a majority of its Board

Merger took place in 2005

1998 HCSC plead GUILTY to Medicare FRAUD

www.yourhealthdollar.org

Don't forget to look at New York

Corporations pay taxes

Corporations pay taxes

Corporations Do <u>NOT</u> pay taxes People Pay Taxes

THERE IS A SANTA CLAUS

MYTH 4a

Regardless of what the Baltimore Sun told Virginia –

THERE IS NO SANTA CLAUS

Especially the kind that brings goodies

LUNCHES ARE FREE As well as contraceptives

If you believe this see me about some ocean front property in Arizona

www.FairTax.org

FairTax

The Best way to bring **POWER** back to We the People is for We the People to take back the **PURSE**

Now a word about Medicare

Once upon a time

What do these have in common?

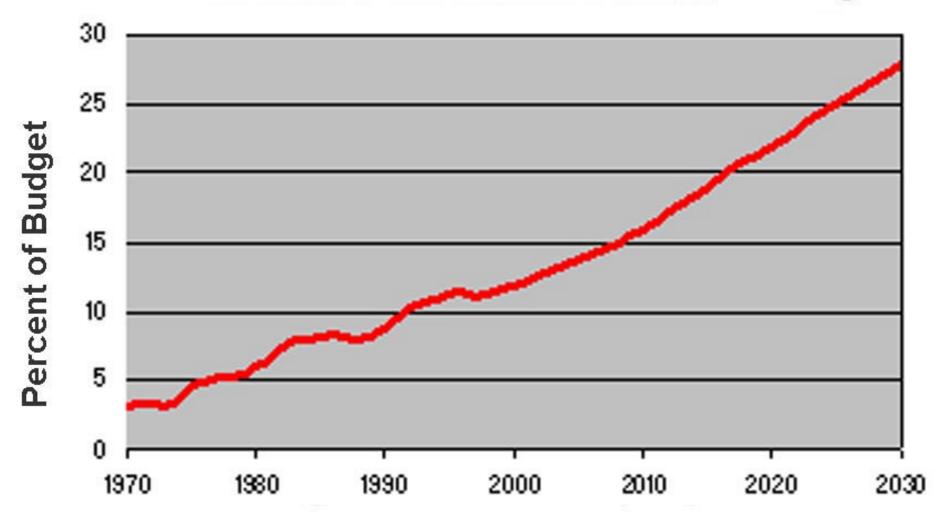
Medicare Medicaid Social Security United States Postal Service Amtrak Fannie May Freddie Mac

1965 PROJECTIONS

FOR MEDICARE for 1990

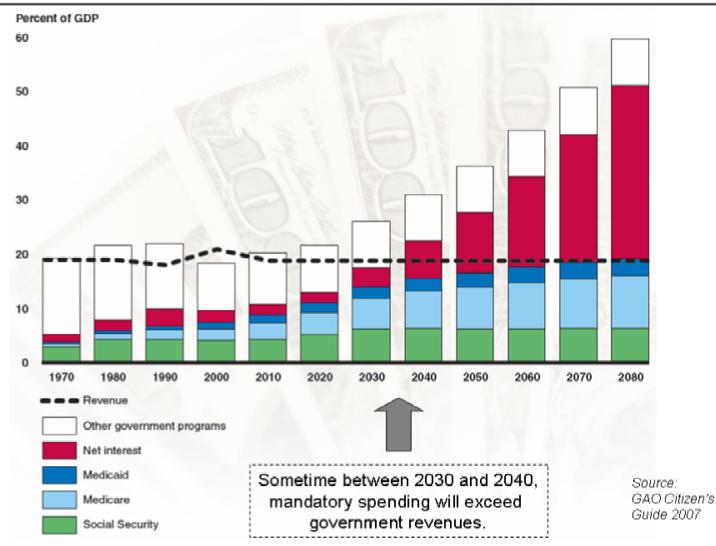
PROJECTED COSTS9 BILLIONACTUAL COSTS108 BILLION

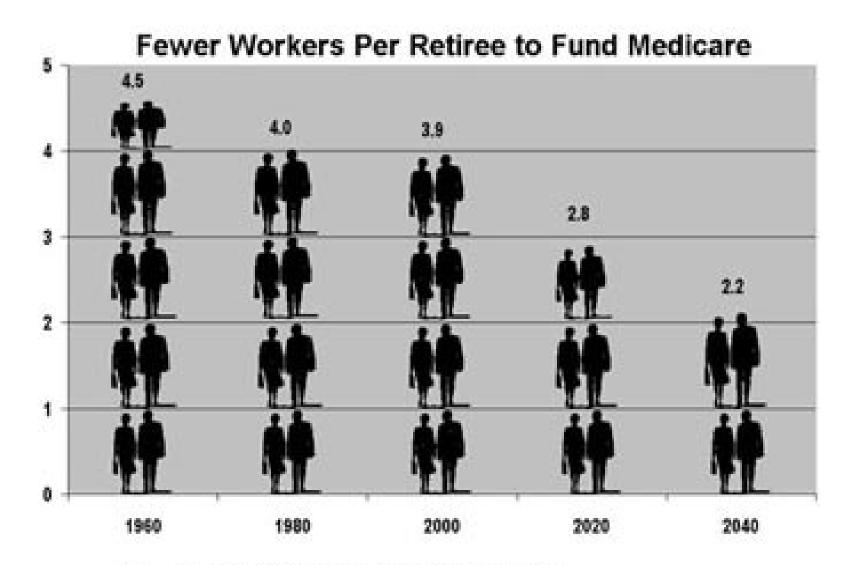
Medicare Growth Pressures Federal Budget



Source: Congressional Budget Office / National Medicare Commission

The Risks of Growing Entitlement Spending





Source: Health Care Financing Administration

Summary of 2011 Annual Report

Conclusion

Projected long-run program costs for both Medicare and Social Security are not sustainable under currently scheduled financing, and will require legislative corrections if disruptive consequences for beneficiaries and taxpayers are to be avoided.

Summary of 2011 Annual Report

Conclusion od Conclusion

The financial challenges facing Social Security and Medicare should be addressed soon. If action is taken sooner rather than later, more options and more time will be available to phase in changes so that those affected can adequately prepare.

Signed – The Trustees

Who are the Trustees?

- Timothy F. Geithner, Secretary of the Treasury, and Managing Trustee
- Hilda L. Solis, Secretary of Labor, and Trustee
- Kathleen Sebelius, Secretary of Health and Human Services, and Trustee
- Michael J. Astrue, Commissioner of Social Security, and Trustee
- And several other names which I did not recognize



VA MISSION

President Lincoln's promise "To care for him who shall have borne the battle, and for his widow, and his orphan" by serving and honoring the men and women who are America's veterans.



VHA 1995 - 2000

Implemented universal primary care Closed 55% of beds Increased patients treated 24% Increased out patients visits 48% Decreased staffing 12% - 10,000 employees Maintained same patient / day costs

Bottom line

Governmental organizations, at least in medicine and driver license offices are not the most efficient enterprises.

Personal Experience

99.7%

Dr Frances Murphy, Undersecretary of Veterans Affairs

"Government likes to begin things, to declare grand new programs and causes. But good beginnings are not the measure of success, in government or any other pursuit. What matters in the end is completion. Performance. Results. Not just making promises."

The US has a bad Health Care System

Beauty is in the eye of the beholder.

or

There is always more than meets the eye.

Any system giving away freebies without limit but with limited resource has only a few options.

The Grass is Always Greener

H E A L T H R E P O R T 2000

Health Systems:

Improving Performance

Country	Rank	Country	Rank
France	1	Switzerland	20
Italy	2	Belgium	21
San Marino	3	Colombia	22
Andorra	4	Sweden	23
Malta	5	Cyprus	24
Singapore	6	Germany	25
Spain	7	Saudi Arabia	26
Oman	8	United Arab Emirates	27
Austria	9	Israel	28
Japan	10	Morocco	29
Norway	11	Canada	30
Portugal	12	Finland	31
Monaco	13	Australia	32
Greece	14	Chile	33
Iceland	15	Denmark	34
Luxemburg	16	Dominica	35
Netherlands	17	Costa Rica	36
United Kingdom	18	United States	37
Ireland	19	Slovenia	38

Table 1WHO Health Care Rankings

Source: World Health Organization, "The World Health Report 2000" (Geneva: WHO, 2000).

WHO LIST

OA overall attainment

OP overall performance

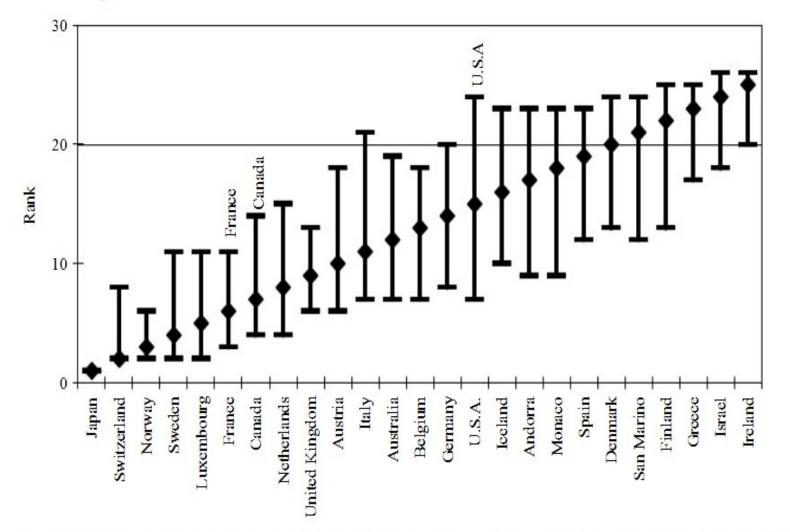
WHO LIST OP OA France 6 1 Canada 30 7 **United States** 37 15

WHO LIST

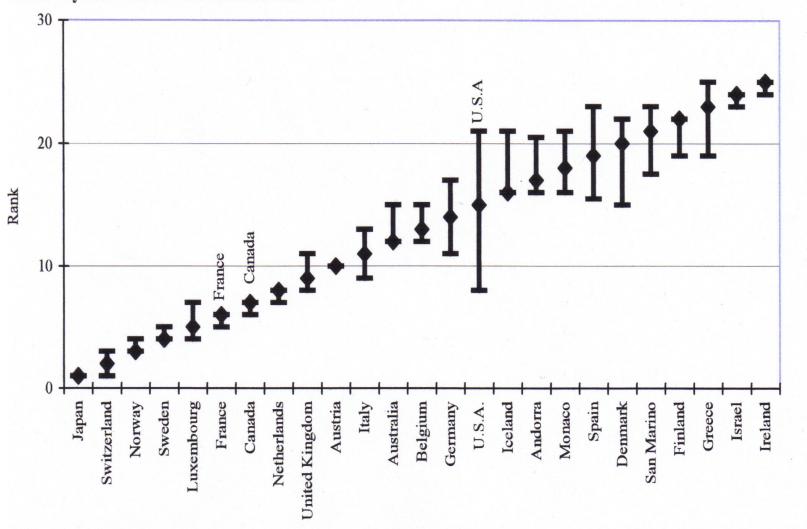
Health Level – 25% Health Distribution – 25% Responsiveness – 12.5% Responsiveness Distribution – 12.5% Financial Fairness – 25%

WHO LISTOPOAUnited States3715Costa Rica3645

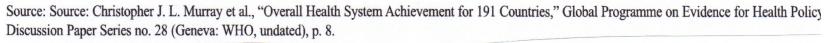
Figure 1 Uncertainty Intervals of OA-Based Ranks

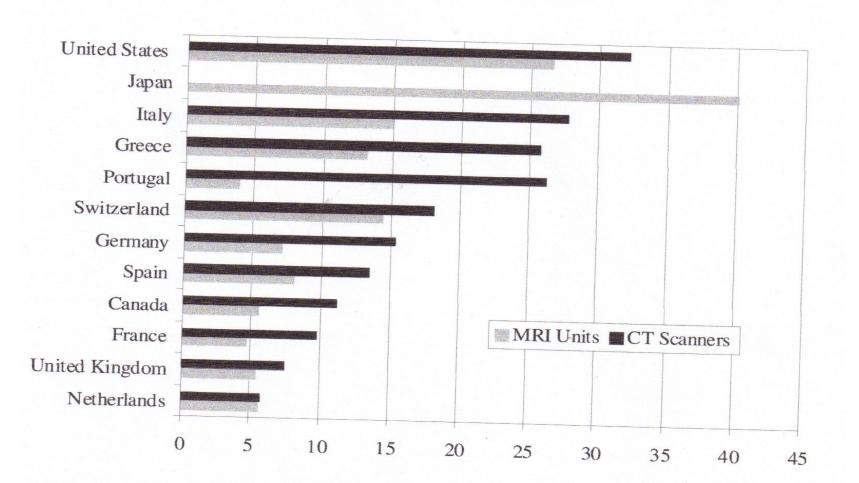


Source: Christopher J. L. Murray et al., "Overall Health System Achievement for 191 Countries," Global Programme on Evidence for Health Policy Discussion Paper Series no. 28 (Geneva: WHO, undated), p. 8.



Sensitivity Intervals for OA-Based Ranks





Number of MRI Units and CT Scanners per Million People

Source: Organisation for Co-operation and Development, "OECD Health Data, 2007 Statistics and Indicates for 30 Countries" (Paris: OECD, July 2007). Note: U.S. Data from 2003.

Disability as % of GDP

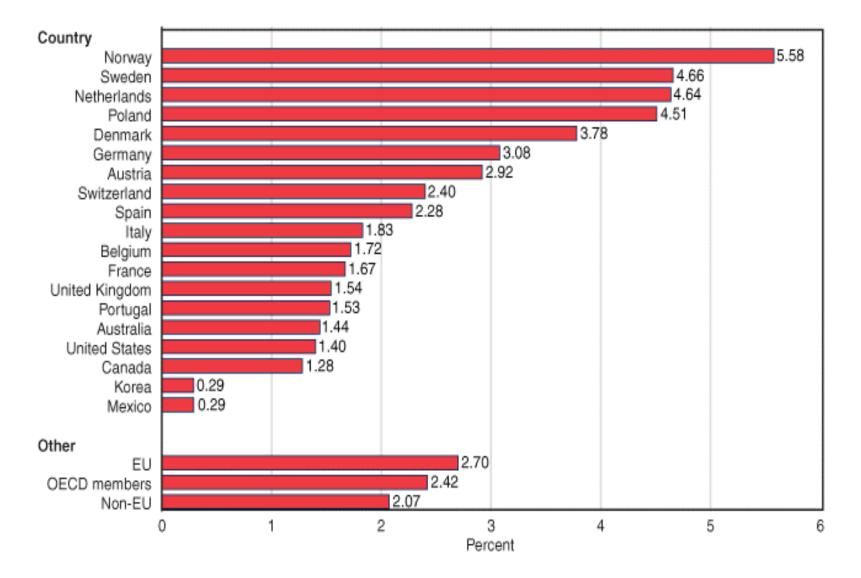
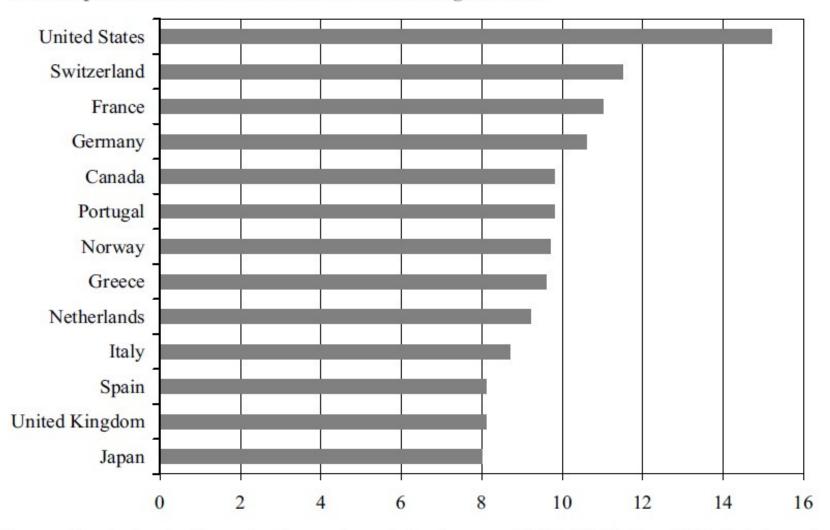
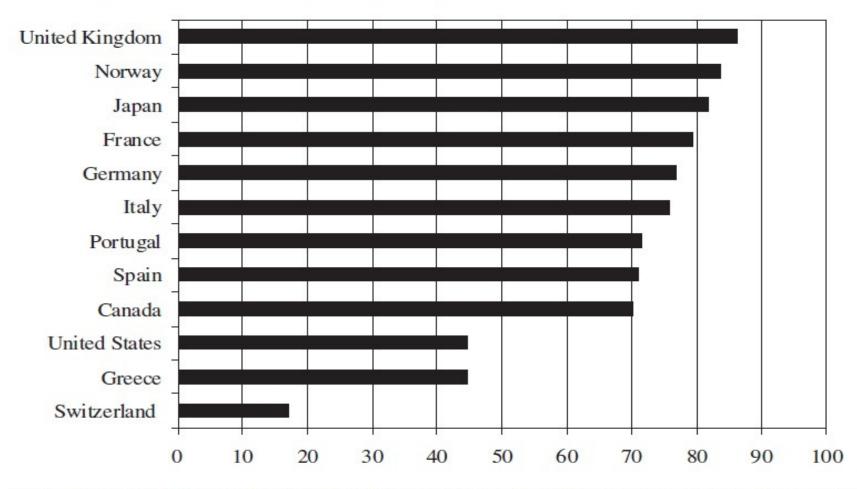


Figure 1 Total Expenditure on Health Care as a Percentage of GDP



Source: Organisation for Economic Co-operation and Development, "OECD Health Data 2007: Statistics and Indicators for 30 Countries," (Paris: OECD, July 2007); 2004 data.

Figure 3 Percentage of Total Health Spending Paid by Government



Source: OECD, "OECD Health Data 2007: Statistics and Indicators for 30 Countries." Organisation for Economic Co-operation and Development, July 2007; 2004 data.

Note: Switzerland excludes mandatory insurance premiums.

DISPARITY

LIFE EXPECTACY

Nevada75.9 yrsUtah78.7 yrs

INFANT MORTALITY

Survival of low birth weight infants

Higher incidence of death

LBW infants counted?

Abortion ?

5 yr LIFE EXPECTANCY

	Men	Women
United States	62.9 %	66.3%
Iceland	61.8	
Sweden		60.3
Italy	59.7	49.8
Spain	59	49.5
Great Britian	44.8	52.7

Lancet

US MEDICAL ADVANCES

18 of last 25 Nobel Prizes

80% of Medical Advances in last 30 years

STATIN utilization

-- of those who could benefit

44% American26% Germans23% Britons17% Italians

Most Recent Anti-psychotic Meds

60% Americans 20% Spanish 10% Germans

Does US have too much technology?

Research vs products

Where do the doctors go?

HEALTH CARE REFORM

Hippocratic Oath

First do no harm

JOURNAL ARTICLES

CHEST X RAYS

	Before	After
By date	Good	Bad
By DeBakey	Bad	Good

TYPES OF HEALTH CARE SYSTEMS

Employment based

Central single payer

Managed competition

"Closest thing to model structure out there" Occupational insurance based Main fund – 83%

Self employed

Agricultural workers

Miners

Transportation workers

Artists

Clergy

Notaries Public

99% coverage

Third most expensive – US – Switzerland

18.8% tax – still not sufficient

Co-pays 10 – 40% to 13% out of pocket costs

92% purchase suplemental insurance

Doctors

may charge more than reimbursement

1/3 do - in Paris 80% do

- 1 medical school is free
- 2 legal system is tort adverse
- 3 total number of docs is limited

Poll – highest level of satisfaction in Europe

By 3 to 1

French social character believe quality of care they receive is less important than everyone having equal access to that care

ITALY

Rated SECOND by WHO

Similar to Britian – but less centralized

- crippling bureaucracy
- mismanagement
- general disorganization
- spiraling costs
- long waiting lists

ITALY

Central government "essentials of care" Regional governments have autonomous budgets and distributes resources

Inpatient and primary care free

Diagnostic procedures, specialists, drugs require copayments

Exempt elderly, pregnant women, children

ITALY

Dissatisfaction high – maybe second in Europe Docs – paid on capitation or salary Private insurance – 10% but 35% use some private health services

Lombardy and example of better care

SPAIN

98.7% coverage – highly decentralized Excludes OP mental health and cosmetic surgery Block Grants – resulting variations hospital beds 4.5 / 1000 to 2.8 waiting time – up to 140 days Docs – civil service 60% satisfied – next to France

JAPAN

Mandatory employment based insurance 2,000 private and 3,000 governmental units shortfalls in financing Elderly beginning to escalate with corresponding costs Government sets fees – same for IP or OP

Corruption is serious related to fees

JAPAN

Assembly line medicine 2/3 spend less than 10 minutes 18% spend less than 3 minutes Costs controlled –outside factors healthy lifestyle low vehicle accident rates low crime rates low drug abuse rates and other cultural factors.

NORWAY

Universal tax funded single payer Consumes 45% of GDP Also pays "sick pay" and disability benefits Long waiting lists -- if condition would lead to "catastrophic or very serious consequences" they have a right to treatment within 6 months "generally satisfied"

PORTUGAL

Universal tax funded single payer Consumes 45% of GDP Also pays "sick pay" and disability benefits Long waiting lists -- if condition would lead to "catastrophic or very serious consequences" they have a right to treatment within 6 months "generally satisfied"

PORTUGAL

Docs are salaried but may have private practices – half do

10% have private insurance

- People may chang GP by writing to NHS and explaining reasons
- 150,000 out of 10.6 million (1.5) on waiting list for surgery

GREECE

- Ostensibly employer-based
- Industry sector social insurance funds
- Government defined benefits and rates
- "Noble" funds for government workers, banking sector, public utility workers
- Ministry determines numbers, specialties, salary levels, beds, purchases both public and private hospitals

GREECE

- 83% covered for primary care; 97% for hospital care uninsured go to ER
- Needs 5,000 GP's have 600
- Docs can have private practices out of pocket payments make up 42% of expenditures
- Every staff appointment approved at Ministry Greek HCS funded by payroll taxes, general taxes, and bribery

NETHERLANDS

2ND after Swiss most market oriented
Was like Germany before reforms in 2006
1.5 – 2% uninsured – 41 companies
Price competition – 20% switching insurers
Health have risen less than before

GREAT BRITIAN

Single payer – highly centralized

Cost containment successful – but under strain

- 20% of colon cancer patient are treatable when first seen but incurable when they come to treatment
- Diagnostic testing targeted wait no more than 18 weeks – only 20 – 50 % meet time

Procedures explicitly rationed

SWITZERLAND

Managed competition

- Govt pays smaller amount of total health expenditure than US 25% v 45%
- Swiss pay 31.5% of health care out of pocket higher than US
- Swiss spend 11.5% of GDP 2nd to US
- 19% of insurance premiums paid by government
- About 40% have purchased supplemental ins

"Basic" insurance mandated – 93 insurers compete on price & co-payments Switzerland US 100% Auto ins 83% ? Health ins 99.5% Non smokers get 20% discount Gov subsidies – 10% max of income for health

Subsidies **do not** pay entire cost of insurance

Swiss do not want an incentive for subsidized individuals to choose the **most expensive** plan with the **lowest deductibles** and **copayments**

Exposure of Swiss consumers to the cost consequences of their health care decisions has made them more conscience consumers and helped limit overall health care costs

Voters rejected change to single payer by 71%

Problems: Docs must accept negeotiated payments – but can vote with feet

Defined benefits encourage providers and disease constituencies to lobby

GERMANY

- Employer based 50/50 dates back to Bismark All incomes less than \$60,000 required to enroll
- 3/4 with greater income stay enrolled
- 90% of population covered
- 9% purchase supplemental insurance
- Benefits extensive 70 90% of last gross salary for up to 78 weeks

GERMANY

Regulation split between central and state
Physician income 20% of US – provide minimal care with much red tape – no innovation
Less technology available
Rationing for elderly and terminal
Total cost less than US but rapidly rising
No waiting list information kept

GERMANY

76% of Germans thought health care reform "urgent" and 14% thought desirable
Increased private sending YES – 47% NO – 49%
More patient choice/better quality
YES – 45% NO – 50%

Germans believe equal access to same quality more important to own access to best quality

 $YES-81\%\ NO-18\%$

Ranked 30 – not seriously a model

- Funding from general tax with block grants to provences
- ProvInce funding include personal and corporate income tax, sales taxes, lotteries and some premiums
- Costs are controlled to 9% of GDP but at expense to access to care

Provincial program requirements

- 1 Universality to all with same terms
- 2 All necessary hospital / physician services
- 3 Portability between provinces when moving
- 4 No financial barriers copay or deductibles
- 5 administered be nonprofit authority accountable to government

Physicians paid fee for service
2.1 physicians / 1000 less than Europe average number has not increased since 1990
Increasing numbers carrying private insurance
Clinics prohibited from providing services covered by Health Act
Court permitted private insurance

BLACK market – reduced waiting time and tech

- Canadian Medical Journal at least 50 Ontario patients died while waiting for cardiac cath
- Waiting list information not maintained
- 33% of Canadians who say they have an unmet need reported being in pain that limits their daily activities
- 59% say change needed most wary of "Americanization"

Conclusion

to this part, anyway

Pollster Bill McInturiff says "never, in my years of work, have I found someone who said, "I will reduce the quality of the health care I get , so that all Americans can get something"

Conclusion to this part, anyway – a little more

- Universal Health Insurance does not mean universal access to health care
- Rising health care spending is not a uniquely American phenomenon
- Countries that have single payer or government control systems are more likely to face waiting lists, rationing, restrictions on physician choice and other barriers to care

Conclusion to this part, anyway – still a little more

- Dissatisfaction and discontent seems to be universal
- No country with universal coverage is contemplating abandoning a universal system, the broad trend is to move away from centralized governmental control and to introduce more market oriented features

To Contemplate

A fine is a tax for doing wrong.

A tax is a fine for doing well.

Political Quote

"The best way to get rid of poverty is to give people money"

Jesse Jackson

Political Quote

John Henry Faulk's grandfather:

"I like communism. I think everything should be equally distributed ----every Saturday night."

Obamacare

Patient Protection and Affordable Care Act and Health Care and Education Reconciliation Act

Obamacare

March 22 – 2nd anniversary of signing The question is – have any in Congress actually read it yet?

March 26 – 28 Oral arguments before the Supreme Court

Monday - Is the fine a fine or a tax?

Tuesday – Can all citizens be required to purchase a product?

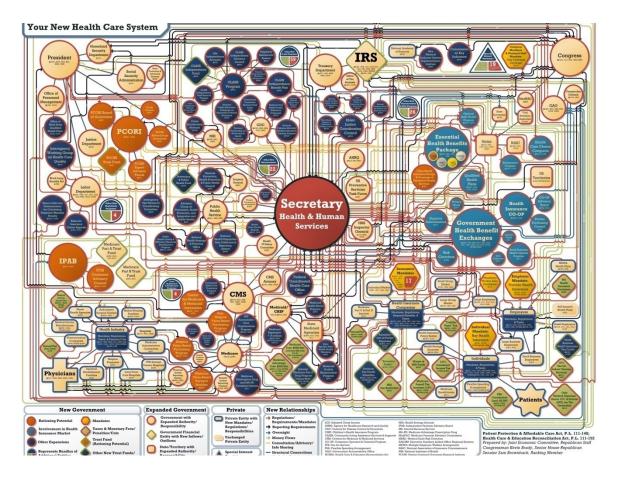
Wednesday -

Is there severability?

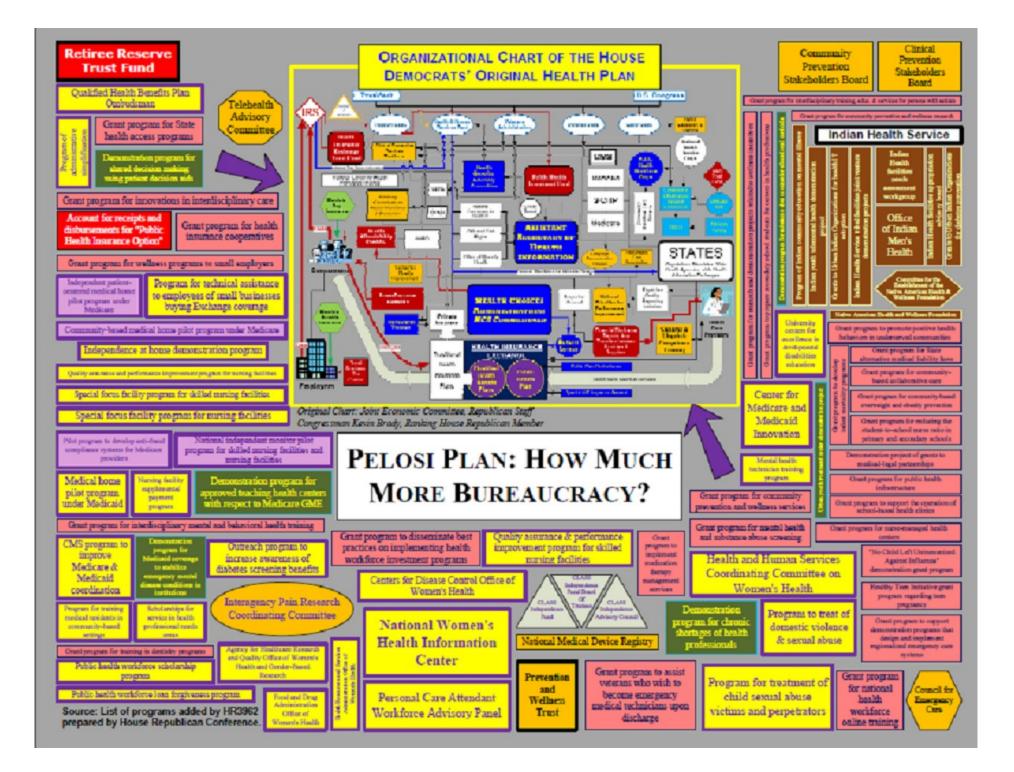
Is there violation of the 10th amendment?



Your Brain on Drugs



Your Brain on Obamacare



Patient Protection and Affordable Care Act

OBAMACARE

shades of CLOWARD PIVENS ALINSKY

Ronald Reagan quote from NPR segment

"One of the traditional methods of imposing statism or socialism on a people, has been by way of medicine. It's very easy to disguise a medical program as a humanitarian project — most people are a little reluctant to oppose anything that suggests medical care for people who possibly can't afford it. Now, the American people, if you put it to them about socialized medicine and gave them a chance to choose, would unhesitatingly vote against it."



The Road to HELL is paved with GOOD INTENTIONS

What made this country great?

What made this Country Great?

1 – A common money throughout the states

What made this Country Great?

1 – A common money throughout the states

2 – A common Language

What made this Country Great?

- 1 A common money throughout the states
- 2 A common Language
- 3 Open borders between the States so that if a person did not like one state he was free to move to another

The Samaritan's Dilemma

If the donor's action leads to an increase in the amount of need.

No dilemma exists as long as the condition of need is beyond the victim's control

The Samaritan's dilemma in --

- the home
- the school
- international assistance
- private charities
- insurance business
- government programs

Types of government assistance programs

- Agricultural credit
- Housing
- Home loans
- Corporate subsidies
- Food stamps
- Medical Care

Factors in government assistance programs

- Benefit to individual politicians by increasing their constituencies
- Benefit to the bureaucracy because the employees benefit personally as the magnitude of the aid increases

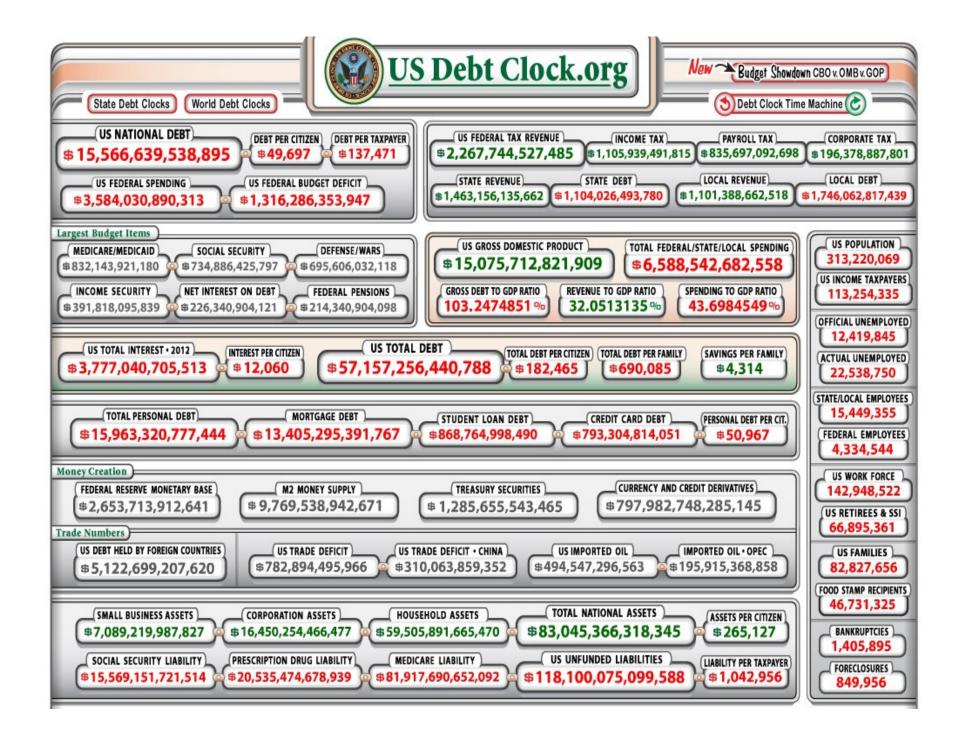
The Samaritan's dilemma

There is no way to avoid it coping with people in need

Ultimately, no one spends other people's money as carefully as he spends his own

The United States in crises

Economic Constitutional Cultural Congressional



\$100



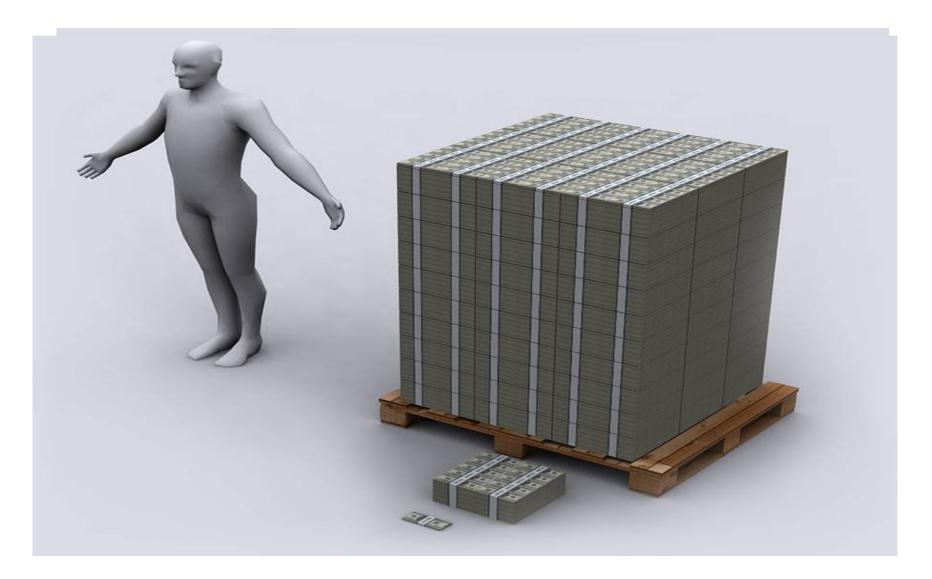
\$10,000



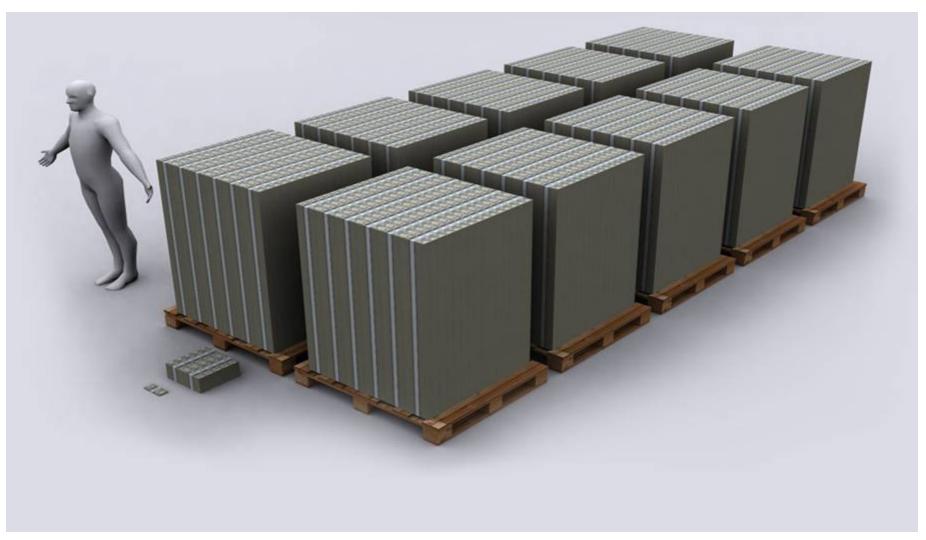
\$1,000,000



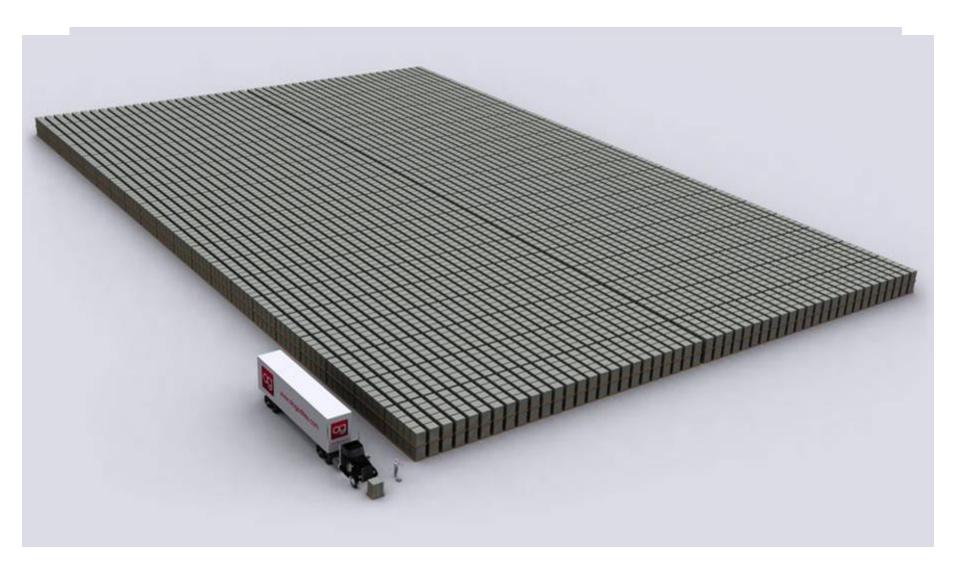
\$1 Billion



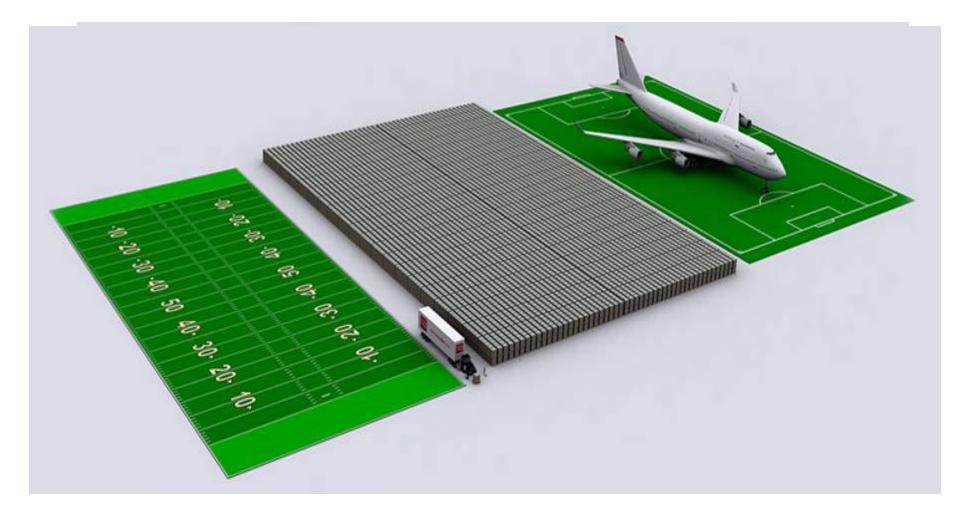
\$10 Billion



\$1 Trillion



\$1 Trillion – another way



\$15 Trillion



YES ! \$15 Trillion





A Congressional Crisis

Reverend Edward Everett Hale Vs. The U.S. Senate when asked if he prayed for the Senators.

"No. I look at the Senators and pray for the country."



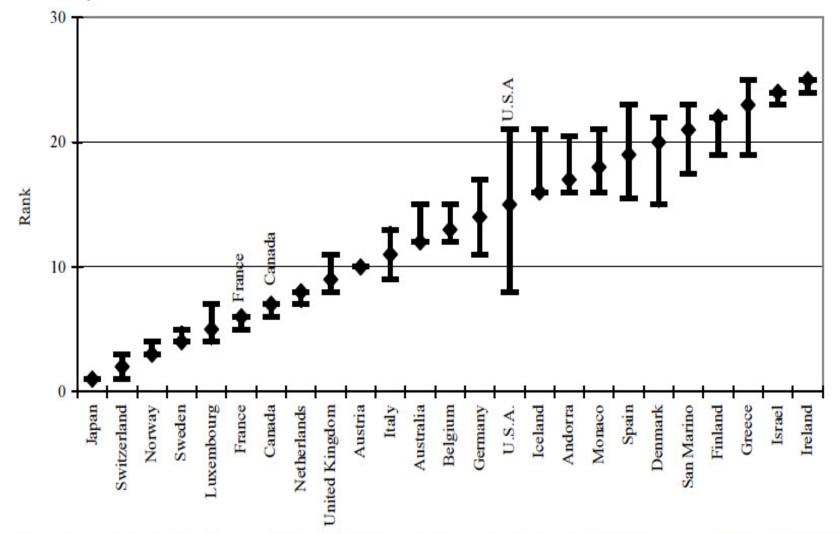
1 – You can not legislate the poor into prosperity by legislating the wealthy out of prosperity.

2 – What one person receives without working for, another person must work for without receiving.

3 – The government cannot give to anybody anything that the government does not take first from someone else.

4 – You cannot multiply wealth be dividing it.

5 – When half of the people get the idea that they do not have to work because the other half is going to take care of them, and when the other half gets the idea that it does no good to work because somebody else is going to get what they work for, that is the beginning of the end of any nation.



Sensitivity Intervals for OA-Based Ranks

Source: Source: Christopher J. L. Murray et al., "Overall Health System Achievement for 191 Countries," Global Programme on Evidence for Health Policy Discussion Paper Series no. 28 (Geneva: WHO, undated), p. 8.

What made this Country Great?



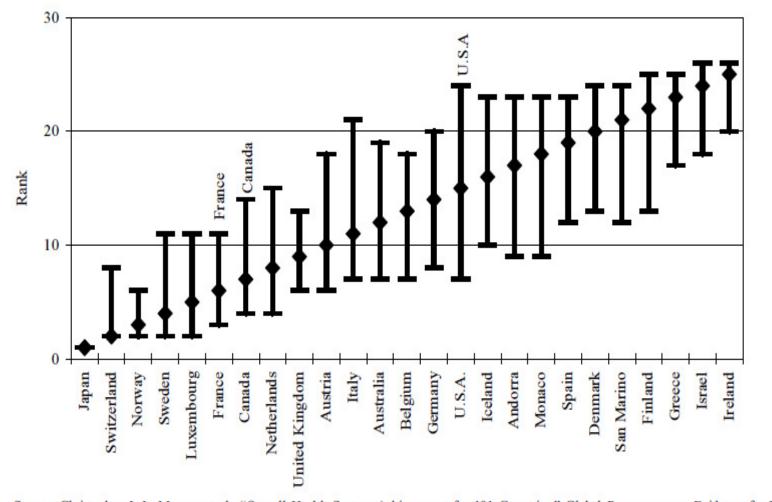
Types of HEALTH CARE REFORM

SINGLE PAYER

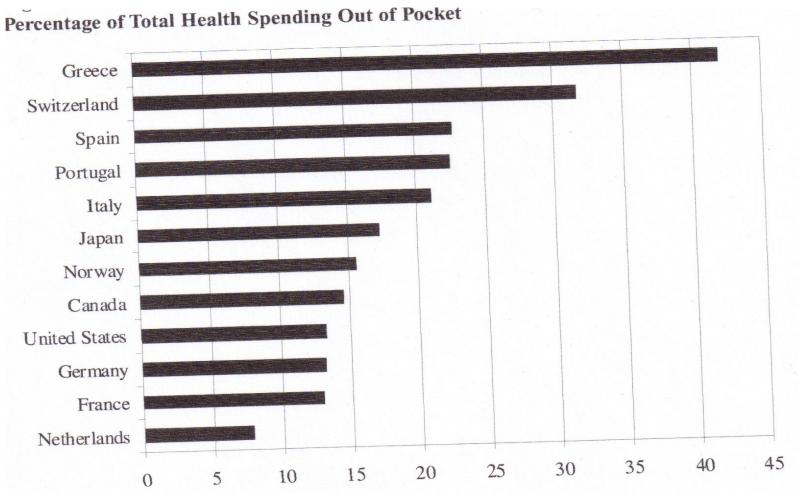
EMPLOYMENT BASED

MANAGED COMPETITION

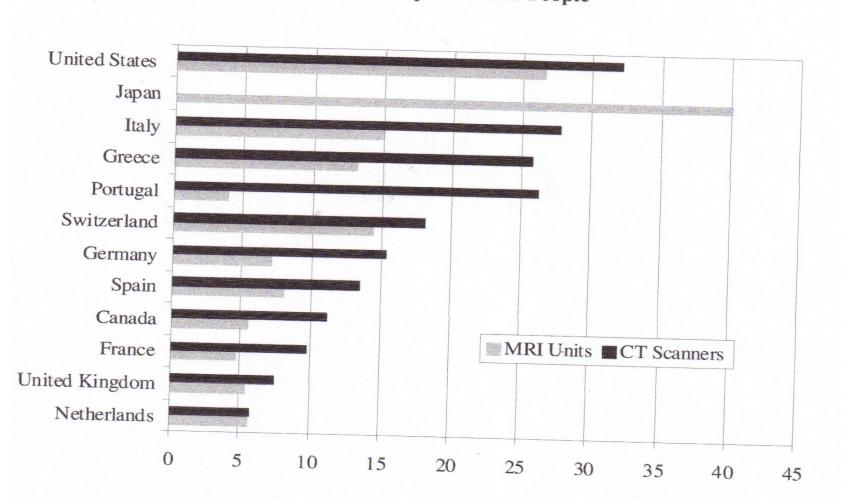
Figure 1 Uncertainty Intervals of OA-Based Ranks



Source: Christopher J. L. Murray et al., "Overall Health System Achievement for 191 Countries," Global Programme on Evidence for Health Policy Discussion Paper Series no. 28 (Geneva: WHO, undated), p. 8.



Source: OECD, "OECD Health Data 2007: Statistics and Indicators for 30 Countries." Data for France from Simone Sandier, Valerie Paris, and Dominique Polton, Health Care Systems in Transition: France (Copenhagen: European Observatory on Health Systems and Policies, 2004). Data for Greece from the World Health Organization.



Number of MRI Units and CT Scanners per Million People

Source: Organisation for Co-operation and Development, "OECD Health Data, 2007 Statistics and Indicates for 30 Countries" (Paris: OECD, July 2007). Note: U.S. Data from 2003.

MYTH

No good turn goes unpunished

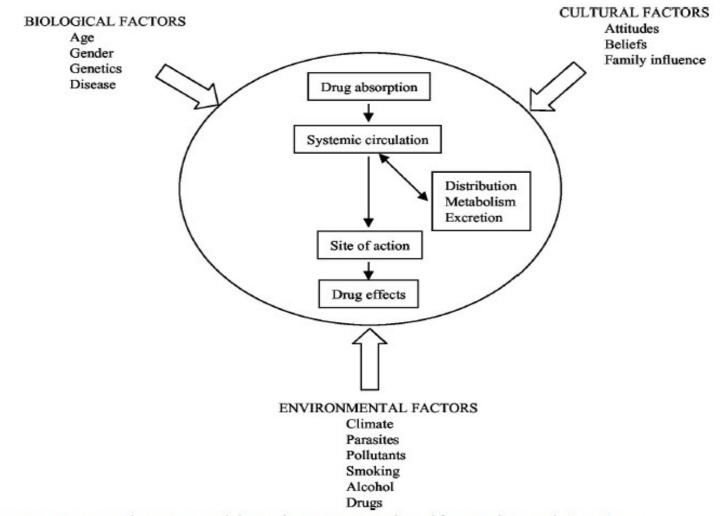


Figure 2. Factors contributing to variability in drug response. Adapted from Poolsup et al. (2000).16

Houston, TX

Memorial Hermann Healthcare System – Southwest *including:* Memorial Hermann Northwest Hospital -Hou
ston, TX Memorial Hermann Southeast Hospital -Houston, TX Memorial Hermann the Woodlands Hospital - Houston, TX

MYTH

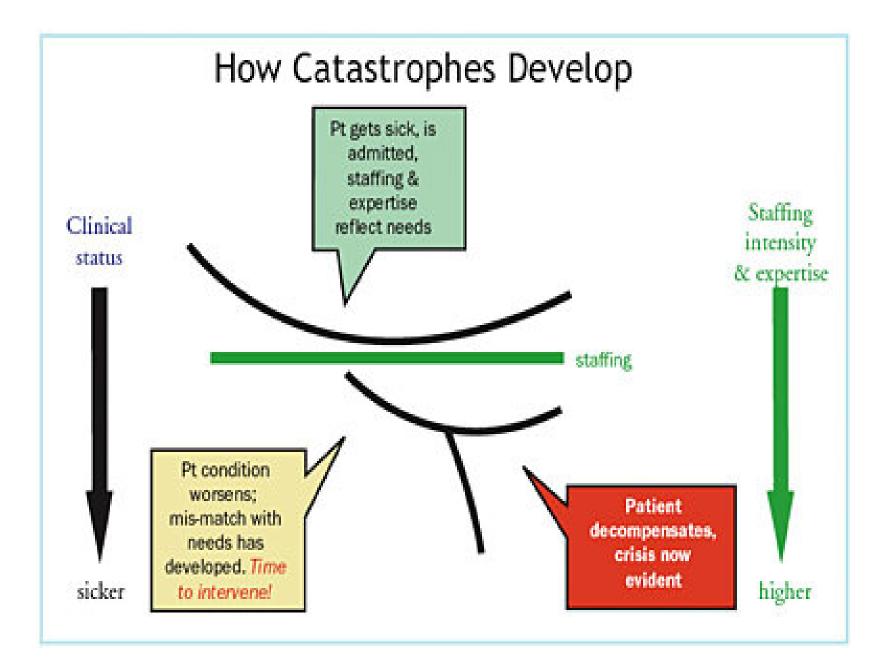
The worst place for a sick person is in a hospital

2011 Best 50 Hospital List Houston Memorial Herman Southwest Including Memorial Herman Northwest Memorial Herman Northeast

Memorial Herman Woodlands

2011 Best 50 Hospital List Houston Memorial Herman Southwest Including Memorial Herman Northwest Memorial Herman Northeast

Memorial Herman Woodlands



2011 Best 100 Hospital List

87% Non Profit7% For Profit6% Government

- **37 Million Medicare Hospitalizations**
- 1.14 Million patient-safety incidents (3%)
- 1 in 4 Medicare patients who experienced incidents died
- **Highest incidents**
 - **Failure to Rescue**
 - **Decubitus ulcer**
 - **Postoperative sepsis**

Entire US – extrapolation from Medicare data

\$19 Billion extra spent

575,000 preventable deaths

Best hospitals had \$740 less cost per admission

CDC

Medical Errors would be 6th cause of death Ahead of diabetes pneumonia Alzheimer's disease renal disease

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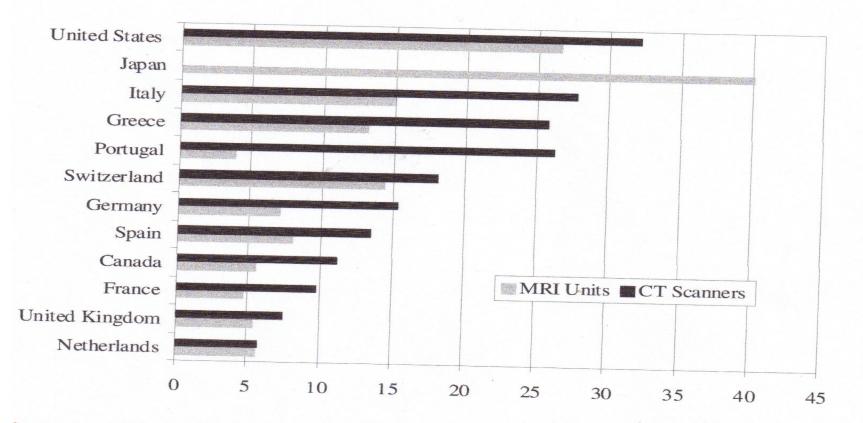
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To Err is Human

To Correct an Err Takes a Lawyer

MRI – CT's

Number of MRI Units and CT Scanners per Million People



Source: Organisation for Co-operation and Development, "OECD Health Data, 2007 Statistics and Indicates for 30 Countries" (Paris: OECD, July 2007). Note: U.S. Data from 2003.