Strategies to tackle complex chronic conditions

Gabriel M Leung

Symposium 5, HA Convention

May 16, 2013



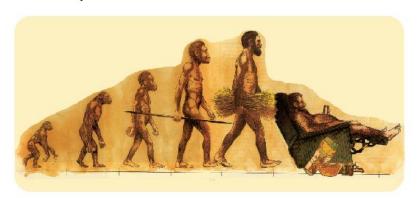


Four Key Health Challenges

Unfinished epidemic of infectious diseases



Emerging epidemic of chronic conditions



Unnecessary epidemic of environmental insults



Unethical epidemic of inequalities



THE LANCET

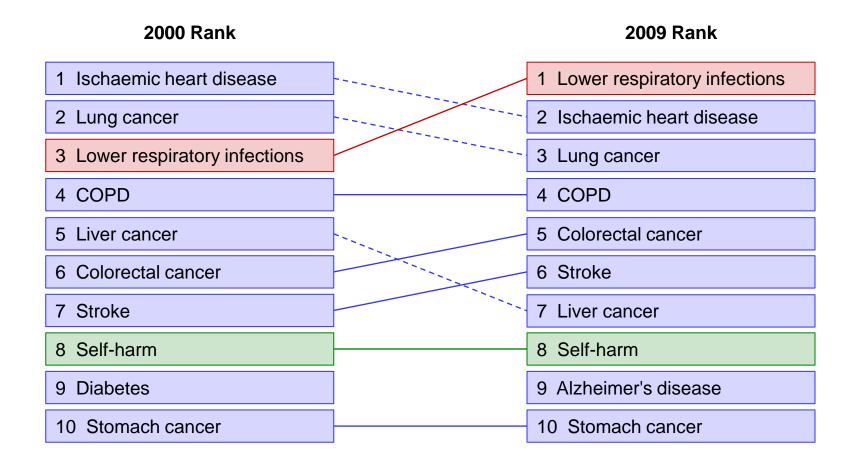
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www.thelancet.com

The Global Burden of Disease Study 2010



Leading causes of deaths (GBD) between 2000 and 2009 in HK



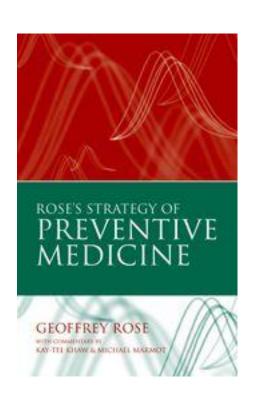
Non-communicable diseases

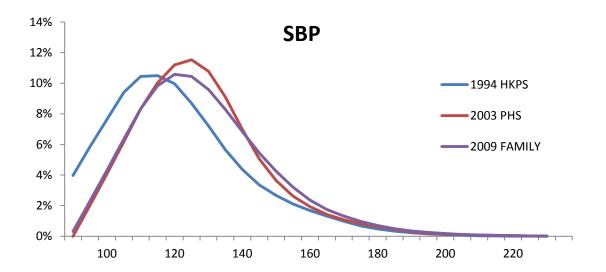
Injury

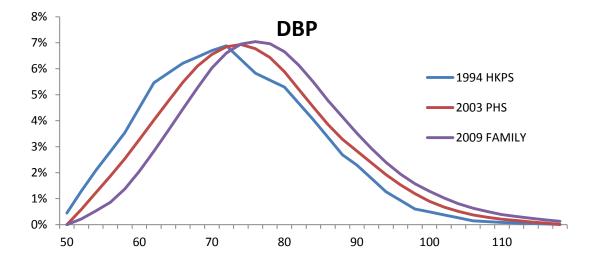
Communicable, maternal, neonatal and nutritional disorders













the social determinants of health









Monitor tobacco use and prevention policies

Protect people from tobacco smoke

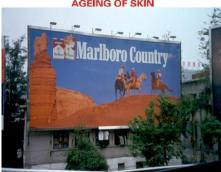
Offer help to quit tobacco use

Warn about the dangers of tobacco

Enforce bans on tobaco advertising, promotion, and sponsorship

Raise taxes on tobacco







How has HK achieved hardwon success, so far?

Declining Daily Smoking Rates Among males and females in selected areas, 2010



- Low female prevalence
- Early start 1970s e.g. 1987 ban smokeless
- Government + academia + NGOs
- Political will
- No tobacco grown
- No war or military spending
- BUT strong tobacco industry reaction for 7 million population

Source: Personal communication with Professor Judith Mackay



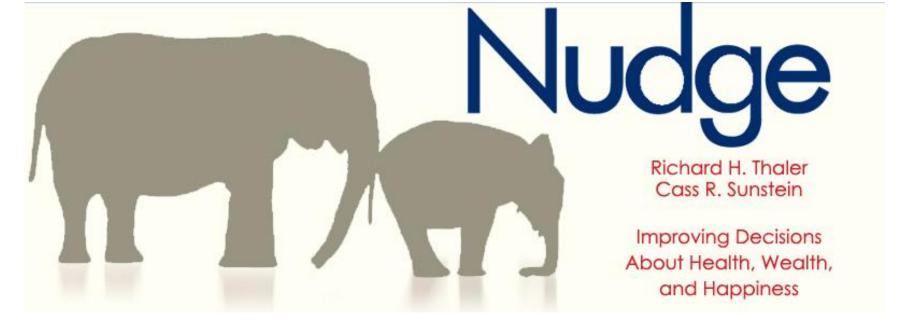


- Near universal toxicity
- Overwhelming effect sizes
- Sufficient cause of adverse outcomes



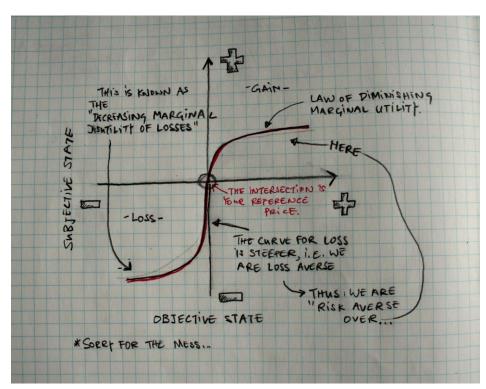
- Many ubiquitous contributory factors, causality of some yet to be ascertained
- Modest, non-linear effect sizes
- Insufficient causes of adverse outcomes
- Pleiotrophy and J- or U-shaped associations





Under the theoretical rubric of libertarian paternalism, "nudge" choice architecture takes into account cognitive heuristics and biases to inform policy design.





The Nanny

You only thought you lived in the land of the free.





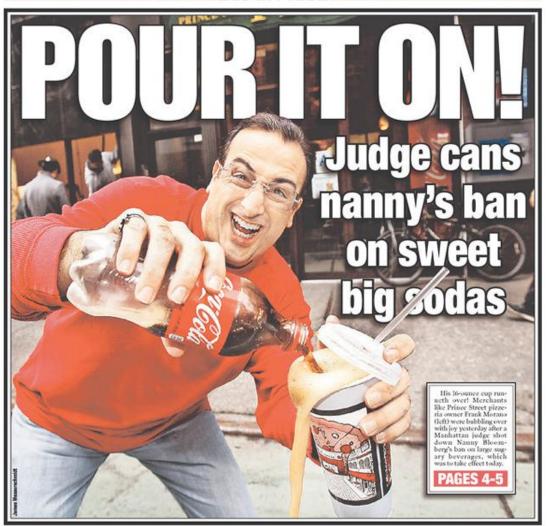
Page Six.

UESDAY, MARCH 12, 2013 / Rain, 58 / Weather: P.30 * *

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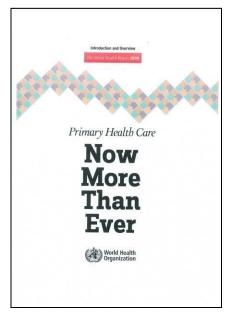




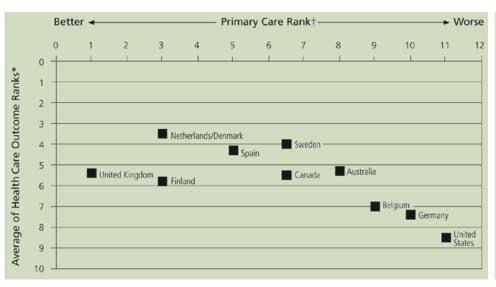
MICHELLE OBAMA ANNOUNCES STRATEGY TO COMBAT CHILDHOOD OBESTY IN AMERICA: INGREDIENTS LABELS WILL NOW BE PRINTED ON OUR CHILDREN.

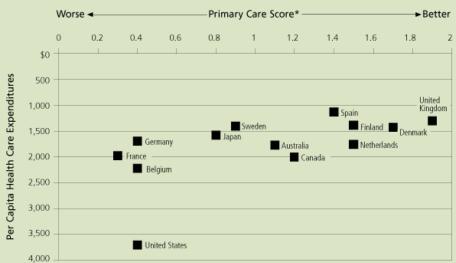


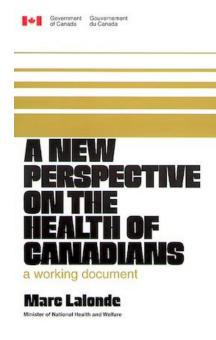


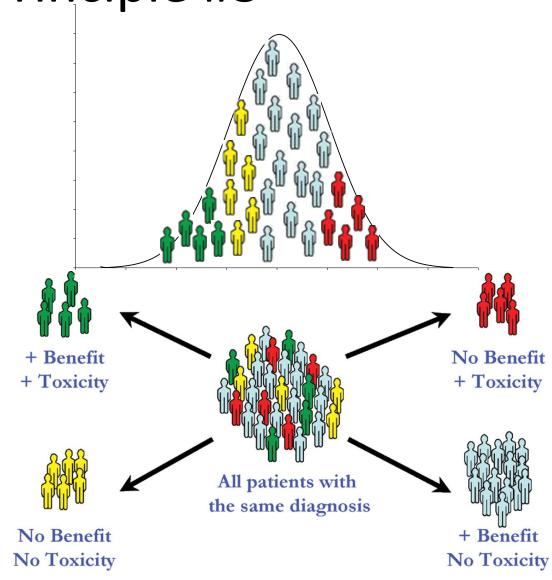










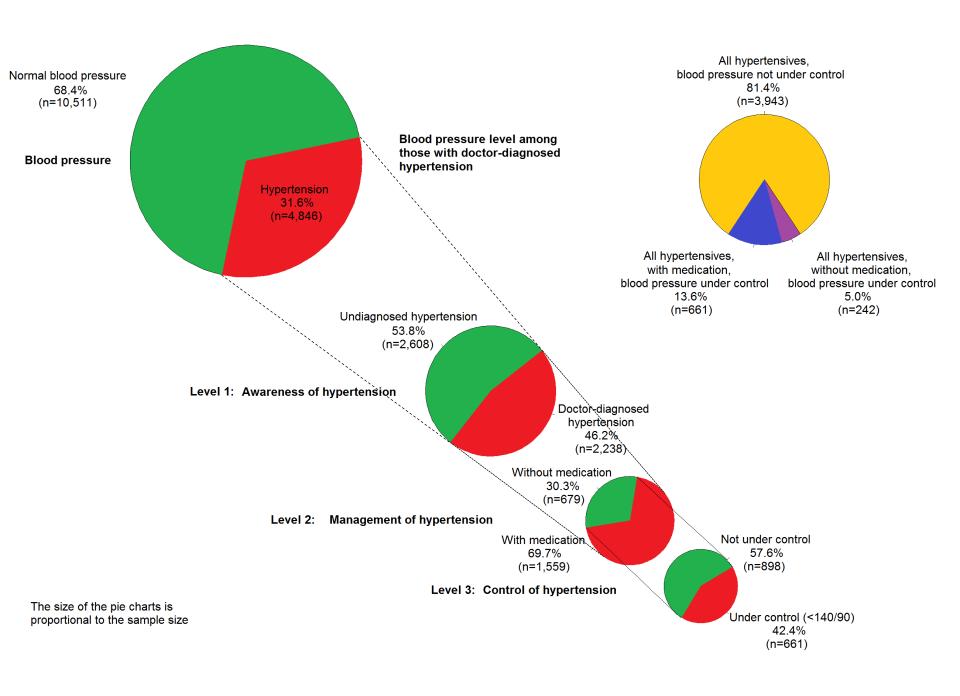




WORLD HEALTH DAY 2013

www.who.int/control-blood-pressure

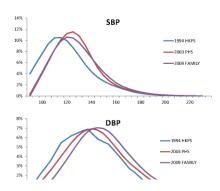






Principle #2





Principle #3









