

HTAi 8th Annual Meeting Rio de Janeiro

Health Systems Sustainability. The Role of Innovation and HTA

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Outline

- A premise and some deliberative questions
- Health Systems under pressures
- Innovation and HTA
- Towards a new and sustainable Health System model
- Final reflection

Premise and Questions

- Health Systems: Health Policy Makers, Providers, and Industry
- What sustainability means and for whom?
- What criteria to weigh sustainability?

Only economic?

Only accessibility?

Only ethical?

Only the most prevalent vs rare diseases?

Evolution of health care over time

- Before XX century, "The patient"



- 1900, "From spiritual care" to "medical cure"

- 1950 Hospitals, "Temples of technology"

- 1970-80 "Technology for All"



- 1990 "Cost-containment for All"

- 2000 "The impatient patient"



- **2010 and beyond The Era of new models for trust and cooperation ?**



Health Systems under pressure

Public expectations ; Socio-demographic changes
Changes in patterns of disease and risk factors
Changes in scientific knowledge

Health Care Policy Makers & Providers

Globalisation of information on health care systems
Pressures for financial sustainability
Participation, Transparency
Spreading awareness of the need for evidence base decision making.

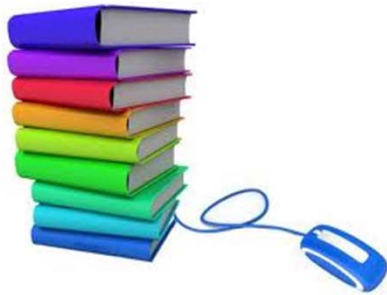
Health Systems under pressure

Increased Scientific Scrutiny of Innovations
Pricing Pressures
“Generic and Biosimilars Threats
Unsustainable R &D Models

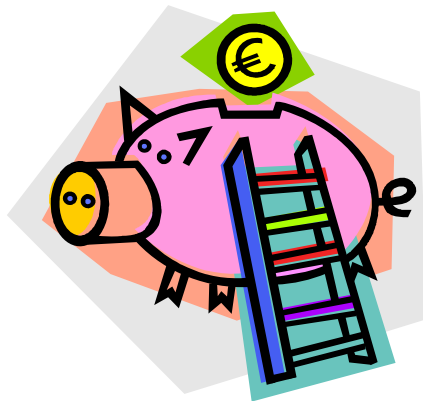
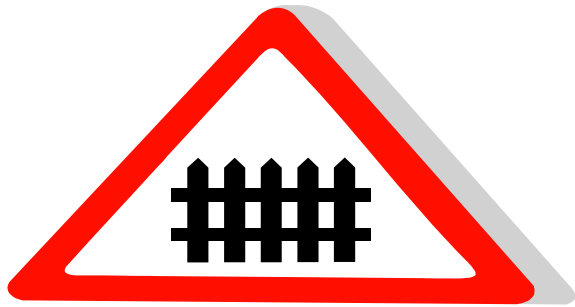
Health Industries

Eroded Society Trust
Patent Losses
Uncertain Pipeline
Obsolete Commercial Models
Inflexible Cost Structure

Health Technology Assessment: current meaning for Health Policy Makers and Providers



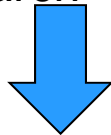
Health Technology Assessment: current meaning for Health Industry



INOVATION and HTA

TRENDS

- Molecular Biology (Complex System Biology)
- Genetic, environmental complexity and variability within human populations
- Cell, gene and enzyme therapies
- Personalize medicine (molecular diagnostic and gene research)



Changing paradigm of health science research and health care provision

CHALLENGES FOR HTA

- New methodological developments
- More ethical debate
- Real involvement of all stakeholders
- Metanetworks to enhance HTA right evolution
- Regulatory and HTA interaction would enable integrated drug development
- HTA addressed to overall health care interventions, services and programs



Towards a new and sustainable Health System Model !!!!



"If you think that you can run an organization in the next 10 years as you've run it in the past 10 years you're out of your mind."

CEO, Coca Cola

UAB

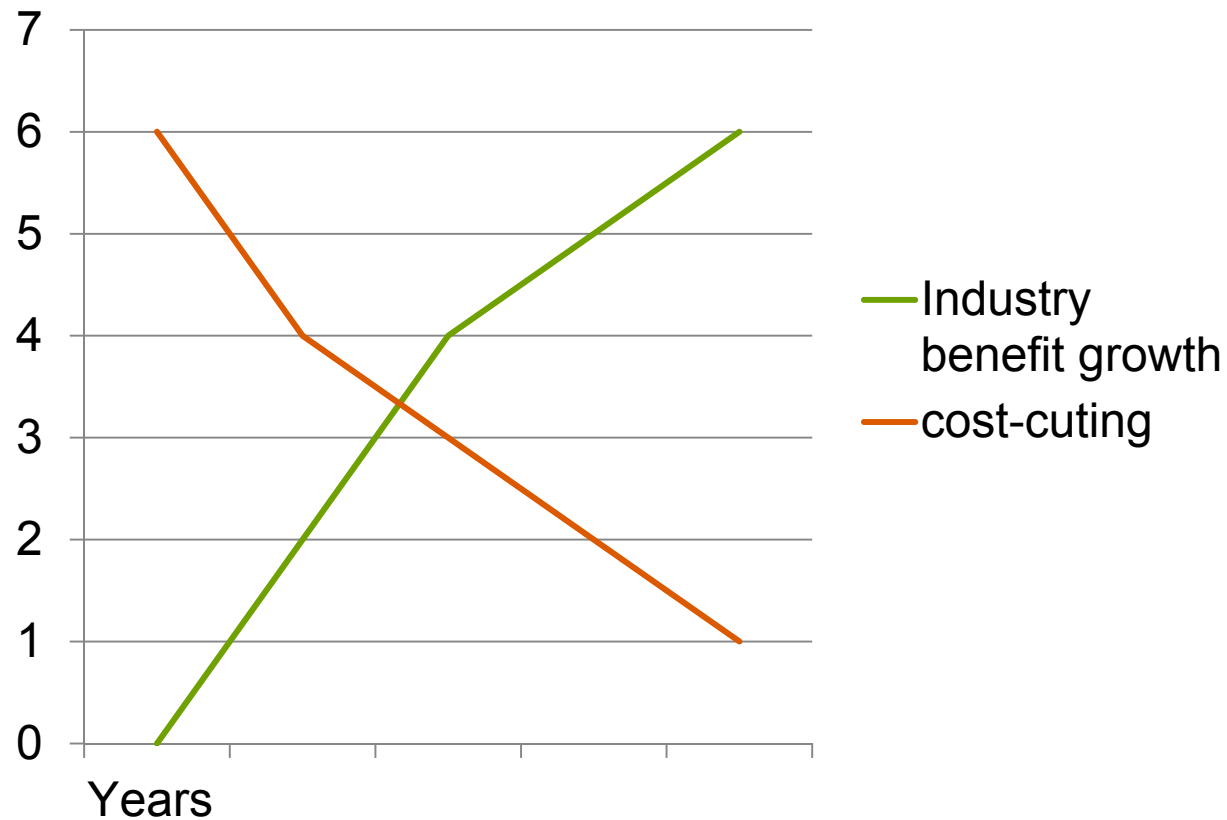
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Towards a new and sustainable Health System Model: SOME HINTS



Towards a new and sustainable Health System Model: SOME HINTS



This model IS NOT SUSTAINABLE!!

Towards a new and sustainable Health system model



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Final reflection

In the era of networks....

Health Systems sustainability will mostly depend on the degree of health care stakeholders co-responsibility





THANKS!

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