

Business from technology

Research, innovation and deployment problems that need to be solved

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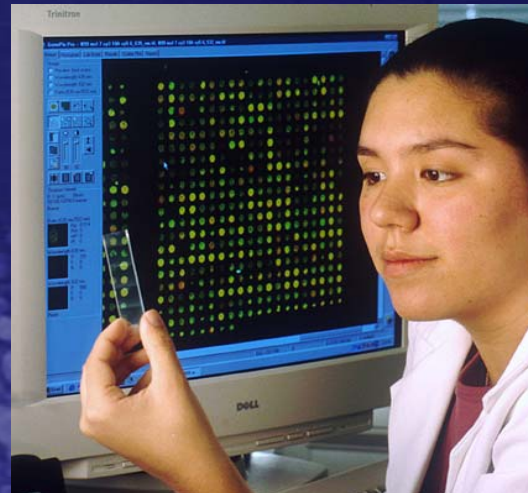
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The Future Paradigm: *Transform Medicine from Curative to Preemptive*



Predictive



Personalized



Preemptive

**The 4
STI
Drivers**

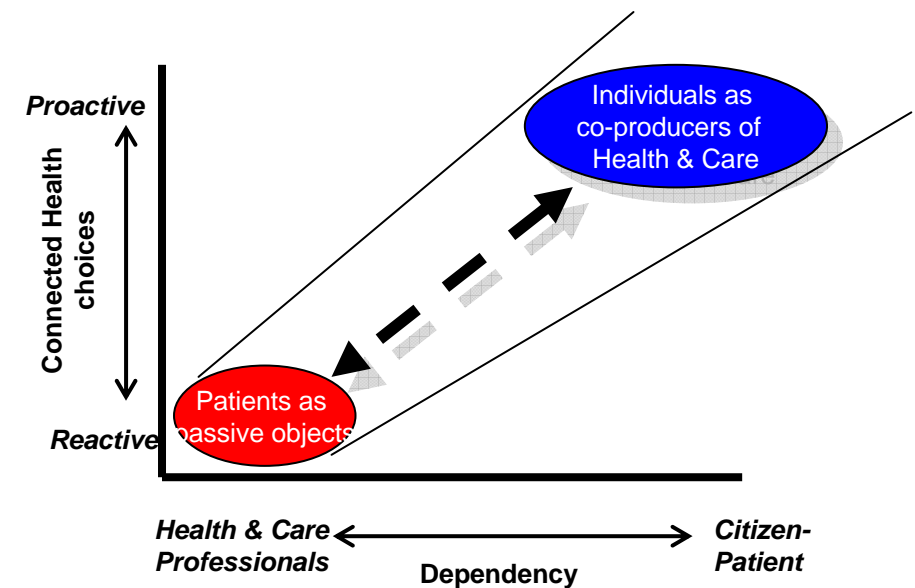


Participatory



Objects of care will assume a new role as **Co-producers of health and care**

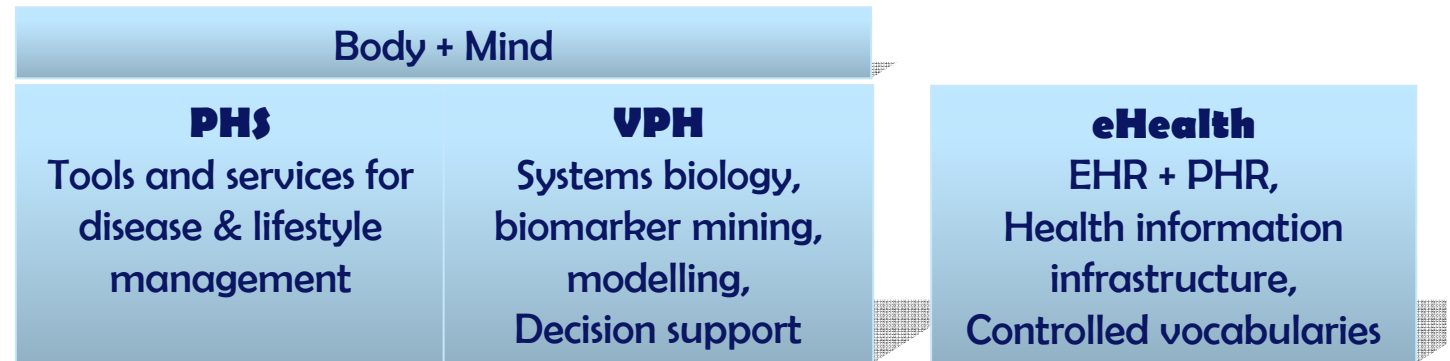
<i>Traditional Model</i>		<i>Co-Producer Model</i>
Illness	→	Management of health and care
"Outsourced"	→	"Insourced"
Reactive	→	Proactive
Episodic	→	Continuous



Citizens, patients, experts with ...



STI in ICT for Health



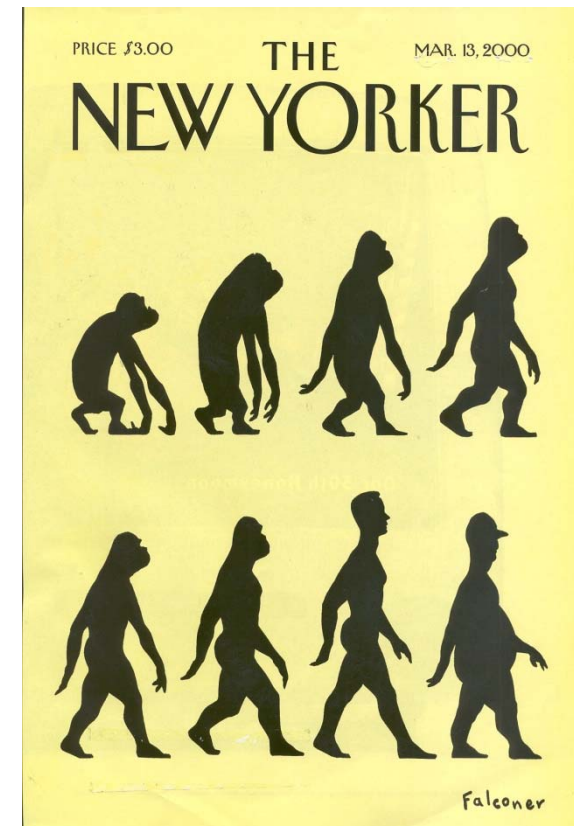
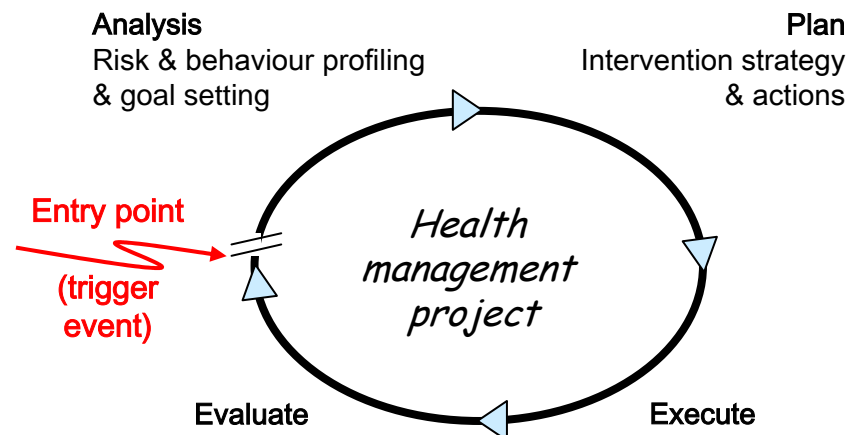
Challenges

Examples of unresolved issues

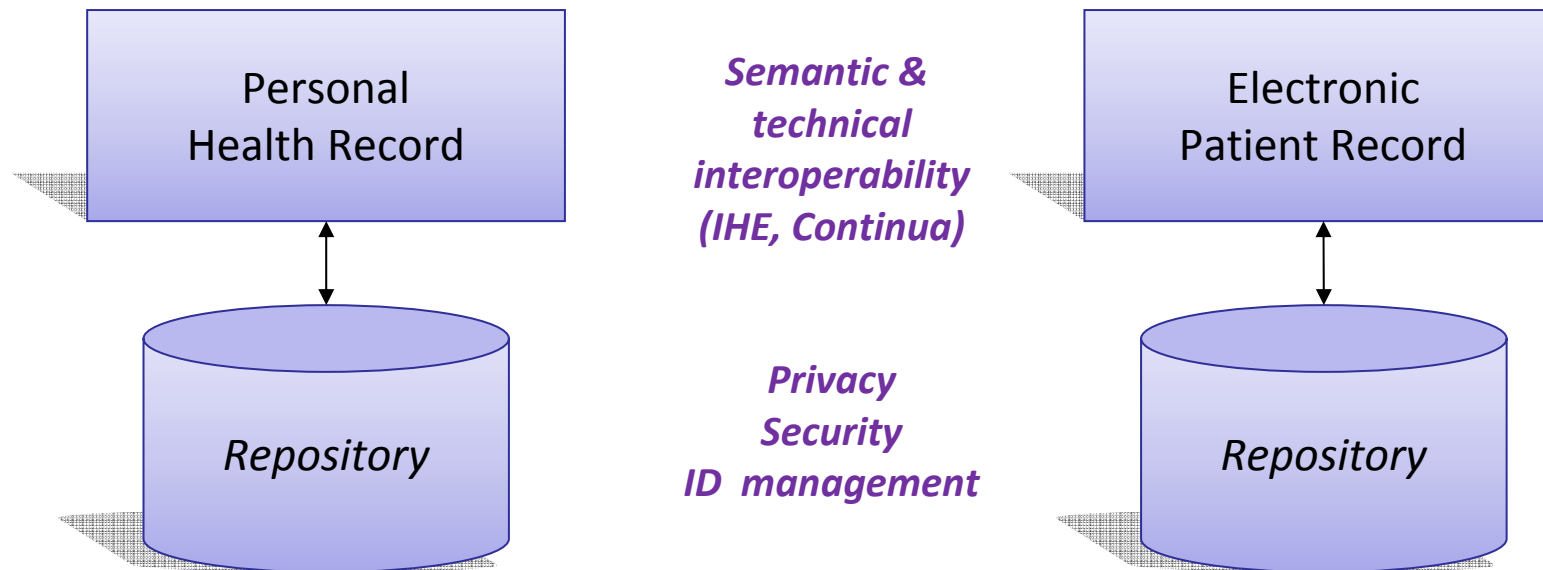
Lifestyle Modification & Sustaining It

Compliance → Response Ability

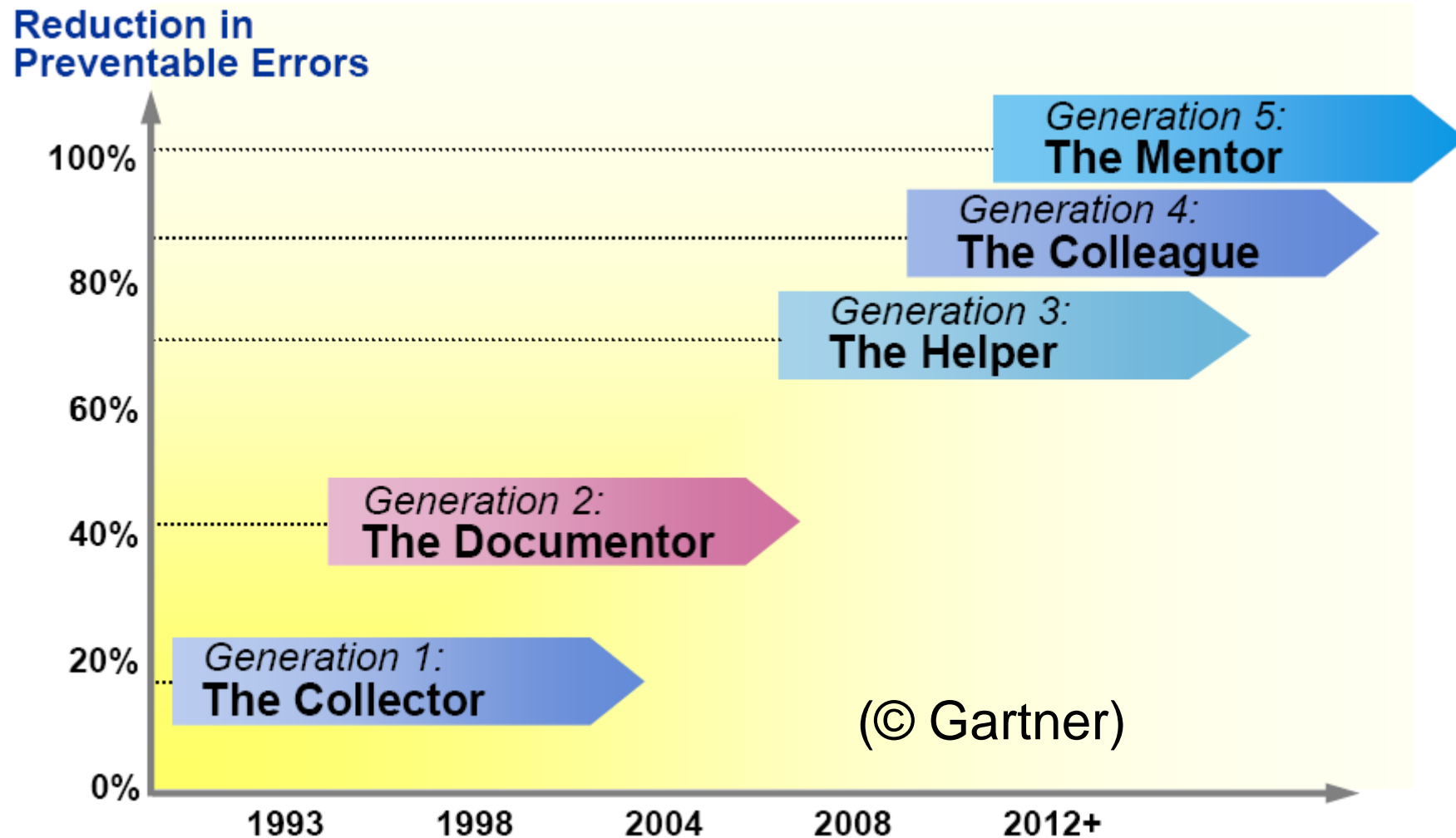
- Education, training & tools
- Motivation
- Personalizing – one size fits no one
- Predictably irrational (@ Dan Ariely)
- "Laziness gene"?



Examples of unresolved issues Interoperability & Integrating EPR and PHR



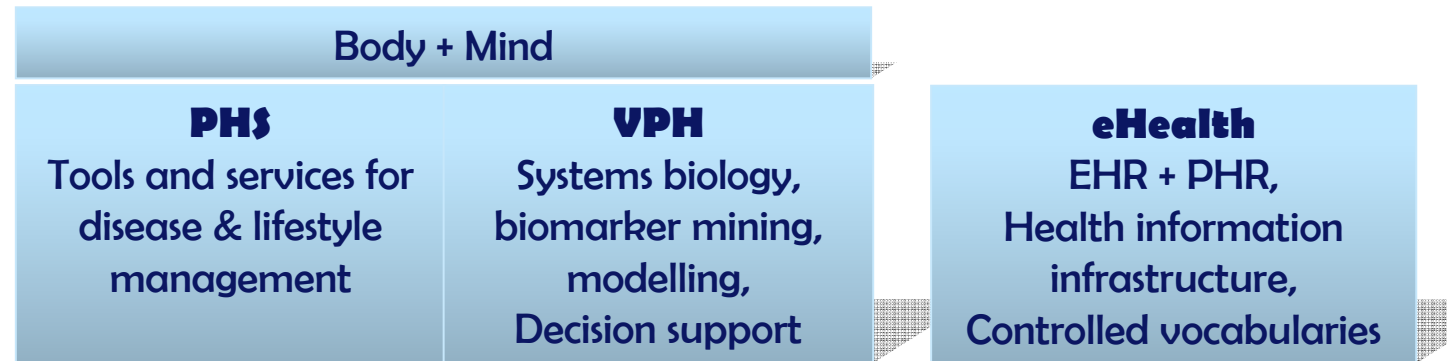
Examples of unresolved issues Demonstrating Value to Users



Citizens, patients, experts with ...



STI in ICT for Health



Challenges



But also there are organisational, socio-economic, regulatory, ... issues



Concluding

How to disrupt current practices?

- "Today, 21st century medical technology is delivered with 19th century organization structures, management practices, and pricing models."
(Michael Porter, Harvard Business School)
- "Don't be scared to invent the institution that could put you out of business"
(Clayton Christensen, Harvard Business School)



**VTT creates business
from technology**