

Adding value or increasing waste?

- Big Data: not only genomics
- Is there ways to use genomics/big data information in the clinic ?
 - Cardiomyopathy & arrhythmia
 - Stratification of leukemia treatments
 - Stratification of drug doses
 - Preventive mastectomy
 - Hypercholesterolemia (NL: reached 70% in decrease of deaths over 10 years)
- Genetic subtypes of common diseases !

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- Do we have a medico-economic model ?
 - No, we don't !
 - Yes, in Switzerland we do !

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- Challenges:
 - Demonstration of clinical utility
 - Demonstration of economic improvement
 - Healthcare system engagement
 - Legal and ethical frameworks

- Citizens and patients trust
- Changing workforce