## Prediction in Personalized eHealth Technology

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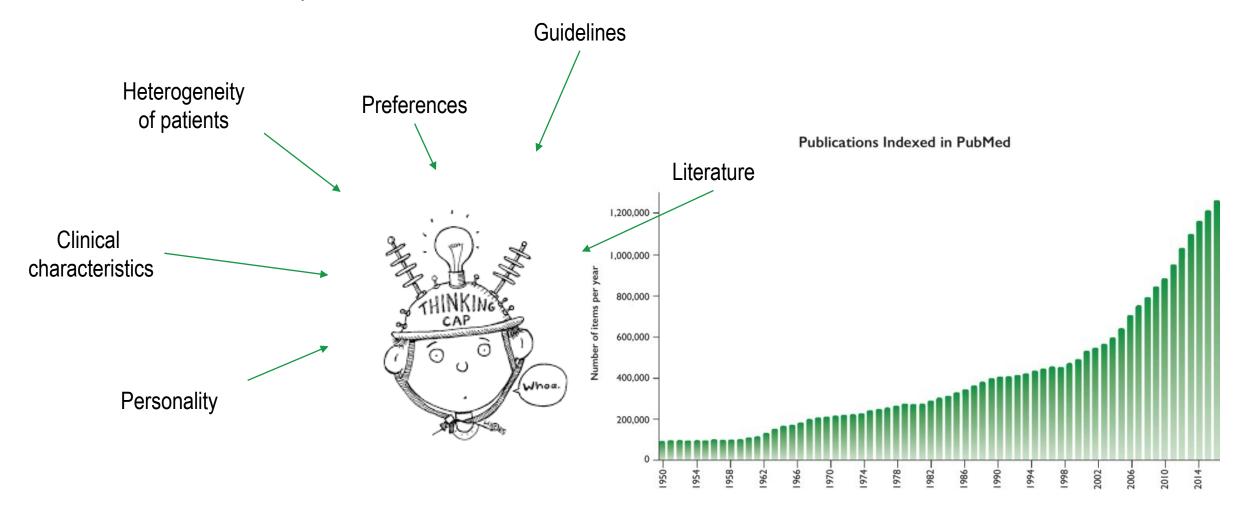
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# DISCLOSURE SLIDE

I have no conflict of interest in relation to this presentation.

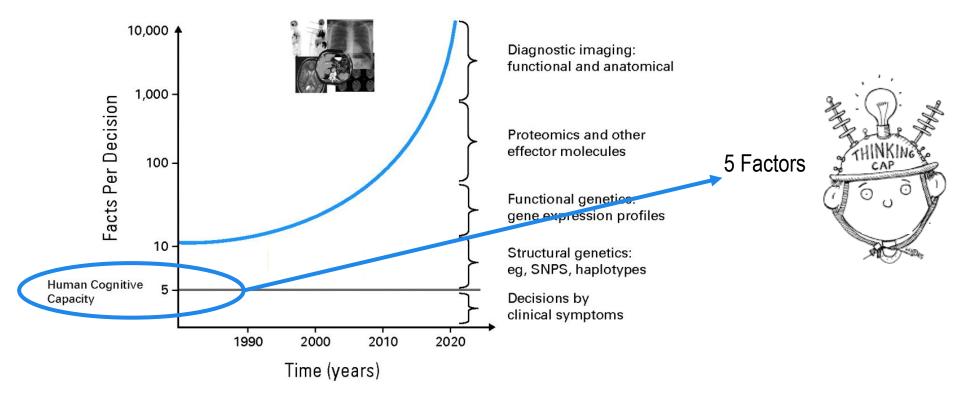
#### **CLINICAL DECISION MAKING**

Medical decisions are complex



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Medical decisions are complex



Data required for medical decision making relative to human cognitive capacity

### CLINICAL DECISION SUPPORT IN ONCOLOGY

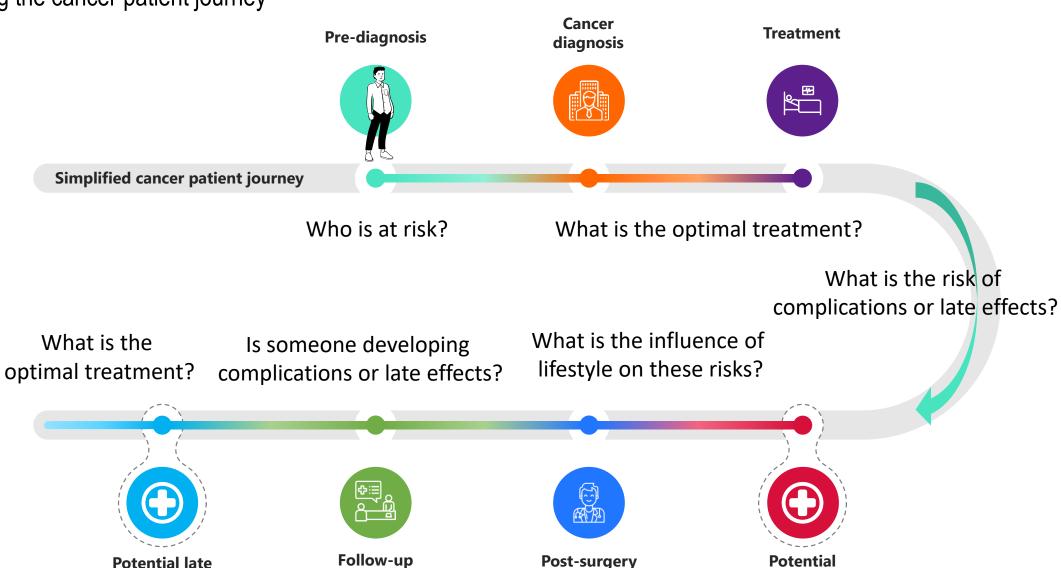


Personalized eHealth Technology for sustainable healthcare!

#### ROLE OF PREDICTION

effects

During the cancer patient journey



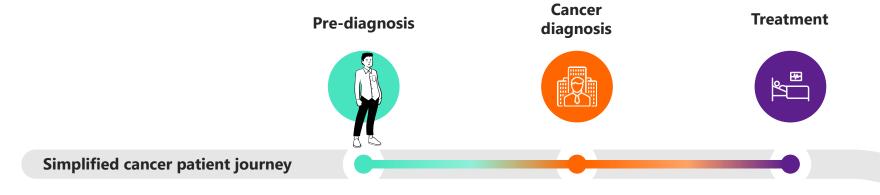
check-up

complications

#### PERSONALISED EHEALTH FOR SUSTAINABLE HEALTHCARE

#### ROLE OF PREDICTION

During the cancer patient journey

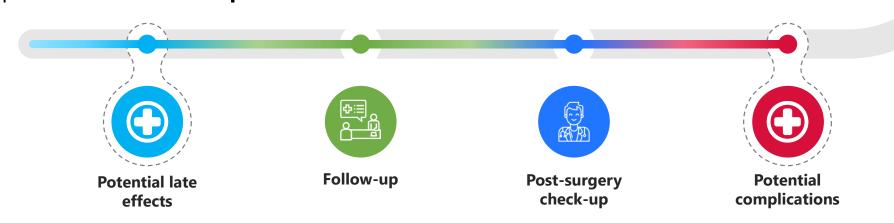


Who is at risk?

What is the optimal treatment?

## What is the risk of complications or late effects?

What is the **Is someone developing** What is the influence of optimal treatment?**complications or late effects?** lifestyle on these risks?





#### **COLORECTAL CANCER SURGERY**

Risk-based early discharge & home-monitoring for complications







#### COLORECTAL CANCER SURGERY

Prediction in monitoring for complications

