

The appropriateness of health care delivery through an exportable i2b2-solution for automated reconstruction of the clinical pathways in oncology

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Oncology

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The Clinical Pathway Approach

(the full cancer journey)

The clinical pathways in oncology play a major role in the “value-based cancer care”

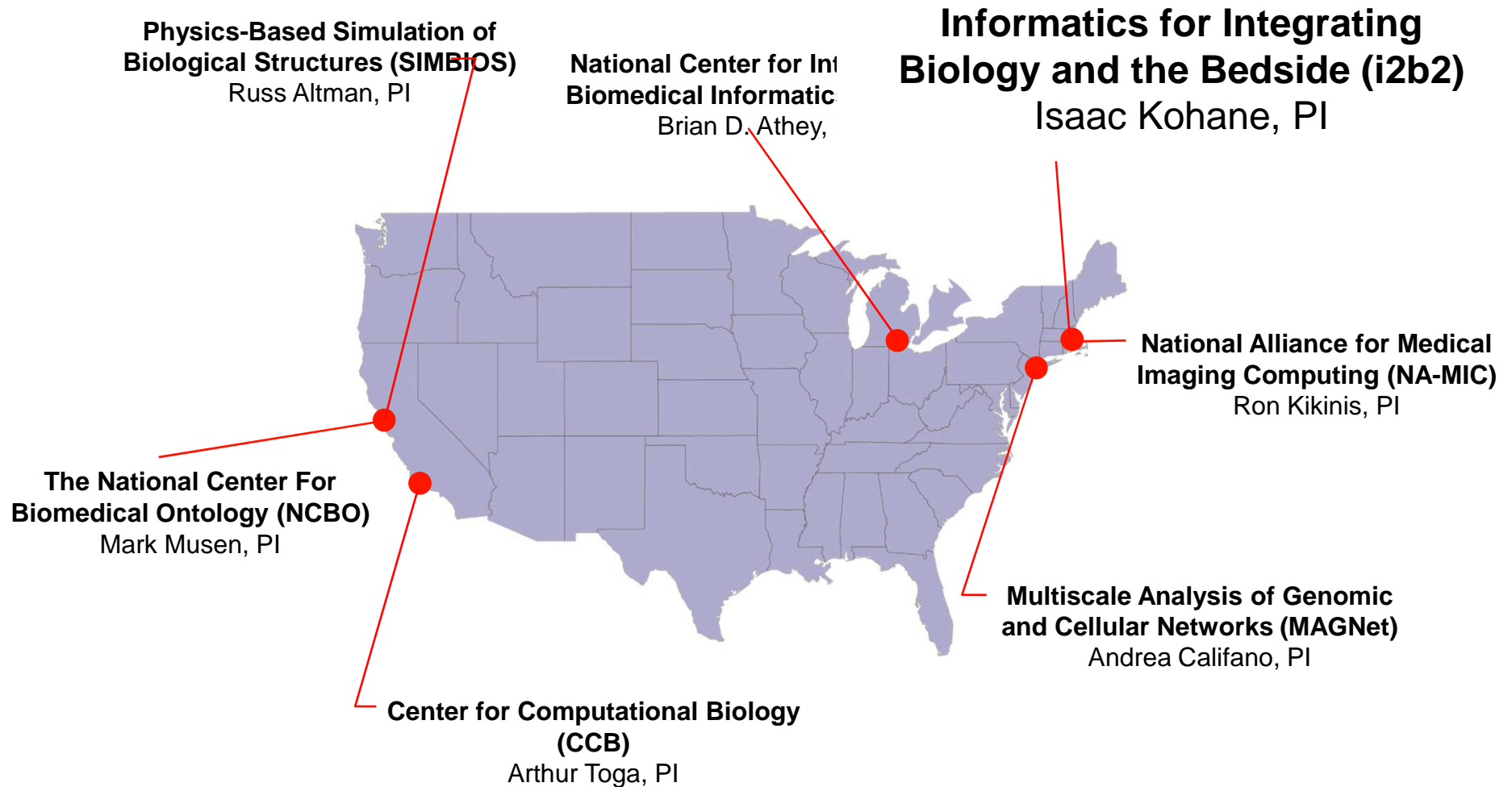
The value-based health care economy

The migration from a fee-for-service model to a value-based reimbursement model

HIS



NIH Roadmap National Centers for Biomedical Computing (NCBC)



I2B2 Software is sponsored by the National Institutes of Health - open source distribution

i2b2

Informatics for Integrating Biology & the Bedside

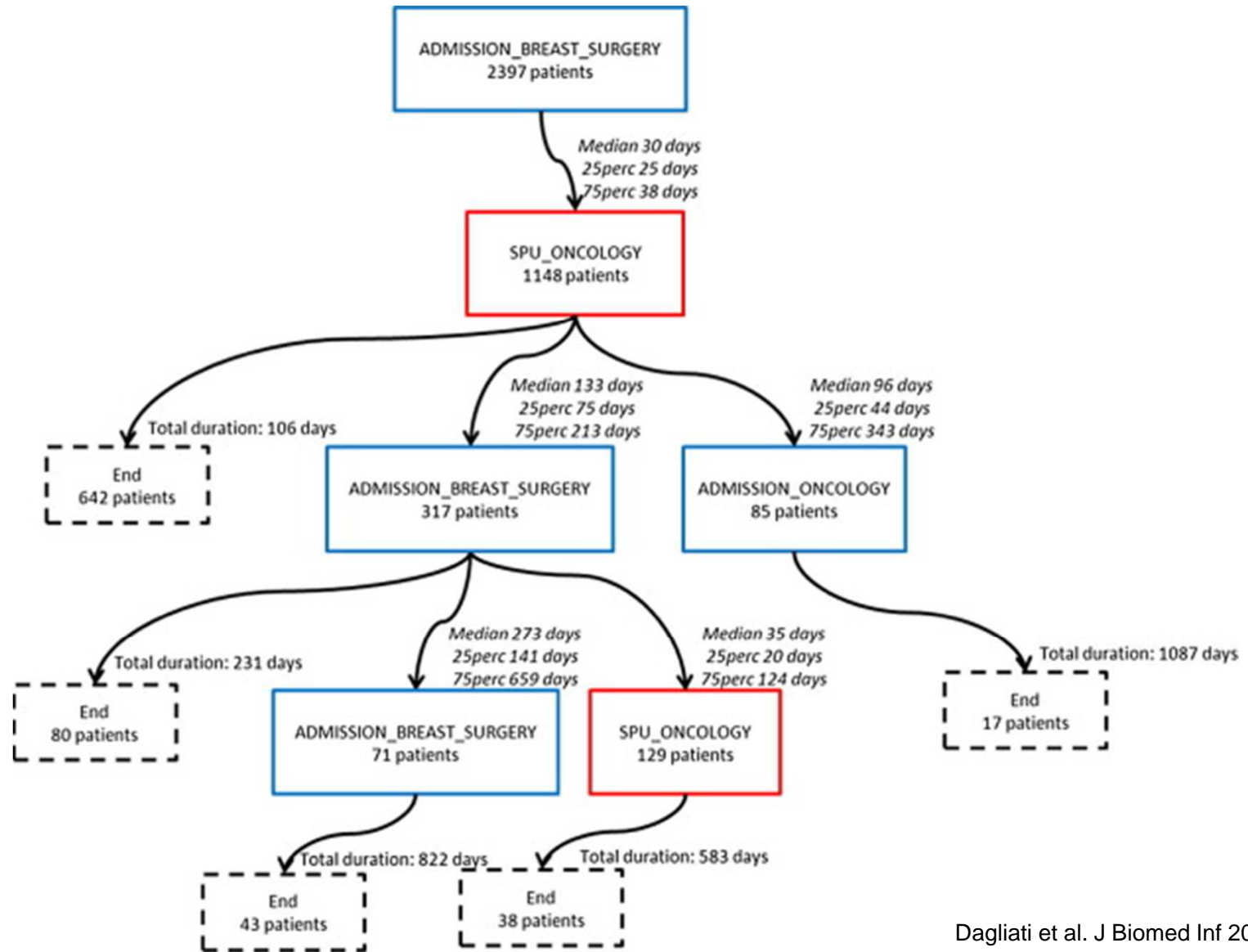
A National Center for Biomedical Computing



HealthMap



Careflow mining algorithm



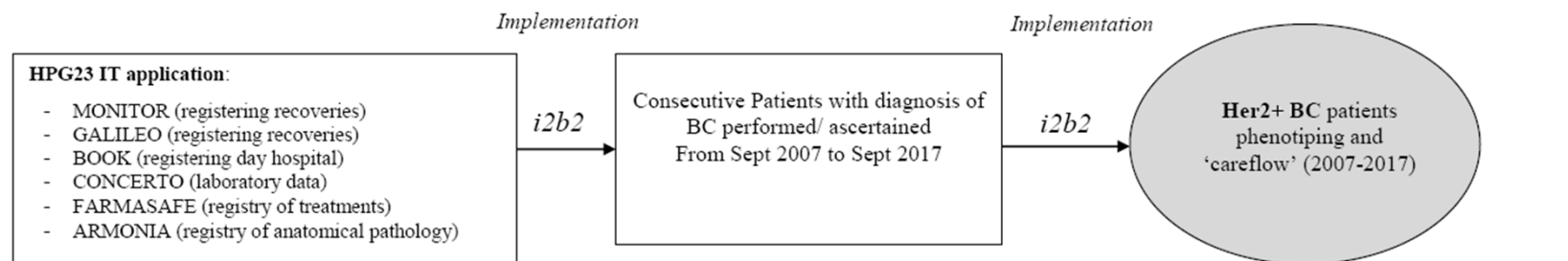
i2b2-solution for automated reconstruction of the clinical pathways in oncology



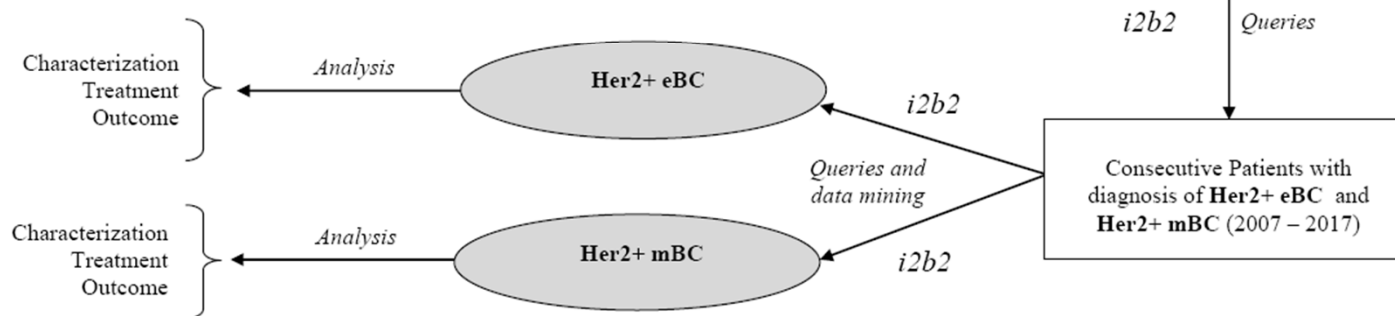
HER2-BC- FROM/O1- 2017
Version 1.1, 02.11.2017

2 STUDY DESIGN SCHEMA

Phase I



Phase II



An exportable solution

Federating i2b2 instances – Shrine Project

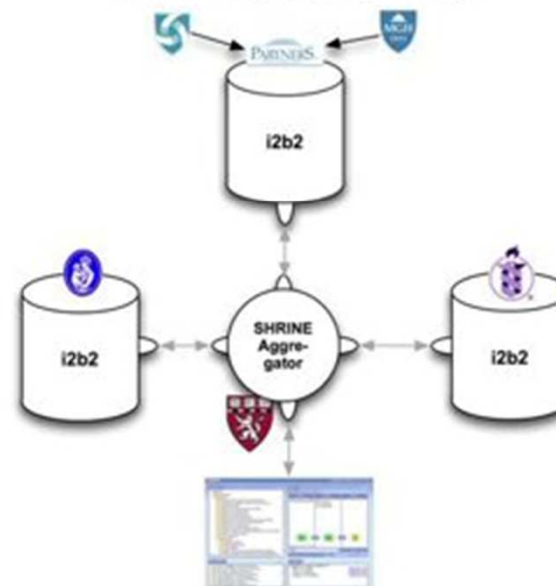
SHRINE Conference
June 29, 2011



What Can We Do Today?
Case Study: SHRINE

Zak Kohane, MD, PhD

Aggregating across 4 hospitals, 3
i2b2 instances



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Everyone 'to be research patient', says David Cameron

 [COMMENTS \(654\)](#)

Every NHS patient should be a "research patient" with their medical details "opened up" to private healthcare firms, says David Cameron.

The PM says it will mean all those who use the NHS in England will be helping in the fight against disease.

He hopes the result will be that patients get faster access to new treatments and Britain's life sciences sector will become a world leader.



David Cameron has said he wants to make huge numbers of patient records in England available to the drugs industry