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INSTITUT SCIENTIFIQUE
DE SANTÉ PUBLIQUE

National Frameworks Belgium

24 August 2015
EUBIROD General Assembly

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Background



Belgium

11,099,554 inhabitants (2013)
Diabetes prevalence: 5.3% of those aged over 15 (2013 HIS)

Contribution to EUBIROD

Data on insulin-treated diabetes from hospital-based diabetes centres
Data abstracted from patient medical record
Data obtained for quality monitoring purposes

Activities

- Audit-feedback of diabetes care:
 - Hospital-based multidisciplinary diabetes centres treating children and adults on insulin therapy
 - Multidisciplinary centres treating patients with diabetic foot problems
 - General practitioners
- Research: develop methods for performing audit-feedback

Audit-feedback

- Set of quality indicators similar to that of EUBIROD
- Anonymous benchmarking of diabetes centres, aimed at internal quality improvement
- Funded by the national health authorities, but largely independent of them (authorities only see pooled results)
- Governed by a steering committee of clinical and quality experts.

Data systems

Periodicity: every 18 months data are collected retrospectively on a sample of 10% of patients

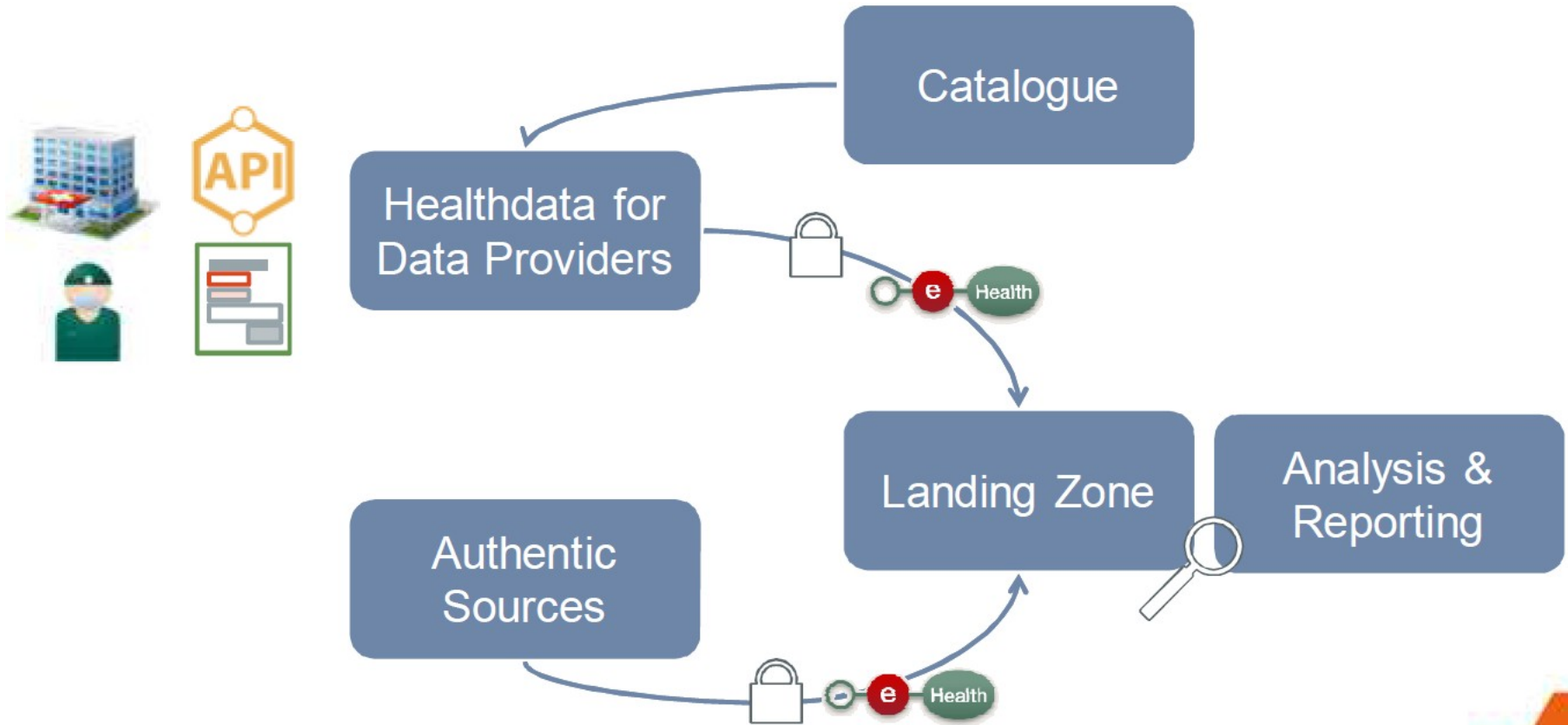
Data source: clinical data from the EHR and demographic data from national databases

Geographical coverage: national

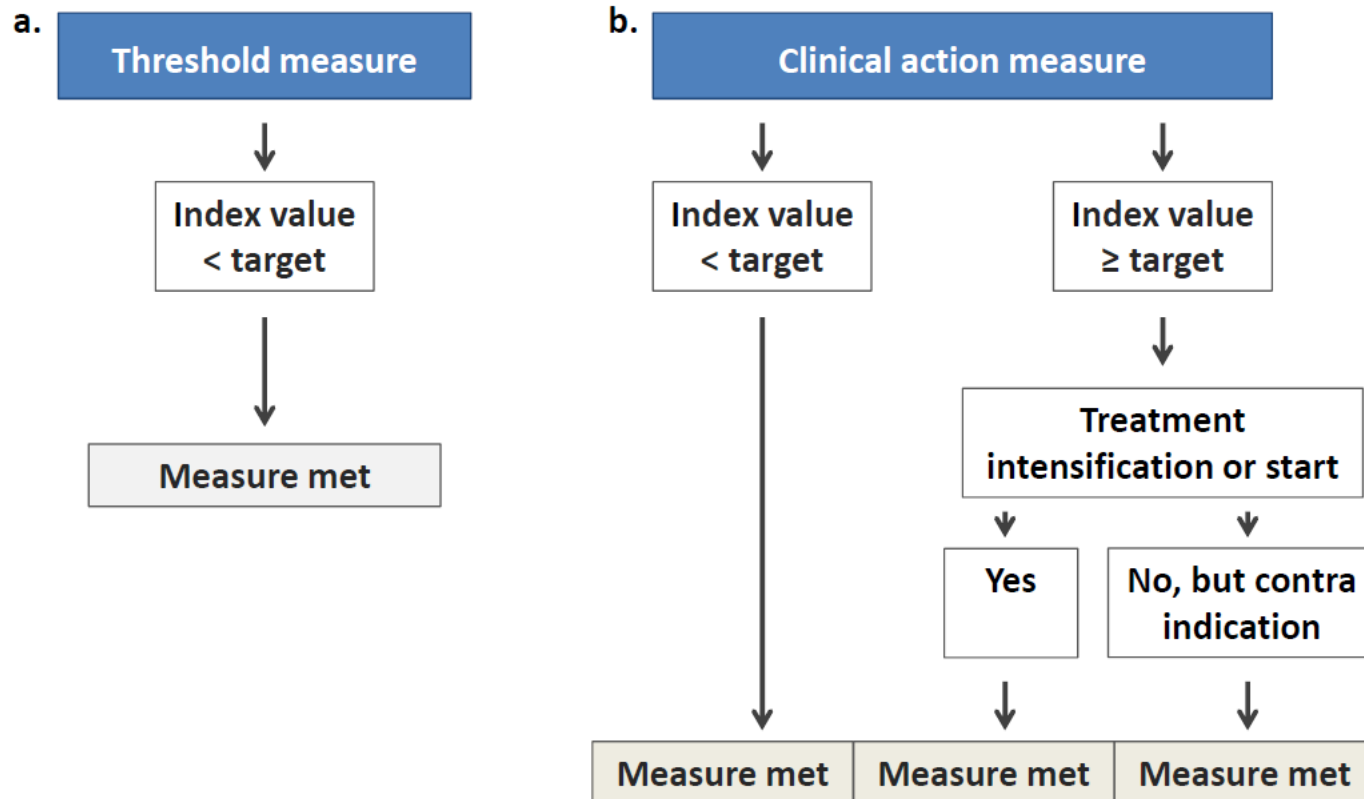
Data linkage is allowed to the extent allowed by the authorisations from the Belgian privacy commission. Collected data are coded

The data custodian is a department within our institute

IT solutions



Research into more valid quality indicators



When is an audit methodology / quality indicator ready for use? Call for pragmatism

- Editorial and letter to editor in Journal of Clinical Epidemiology
- Framework to think about methodological rigor as a function of the audit's aim and the role of the stakeholders in scrutinizing the results:
 - external use, e.g. accountability, selective referral
 - internal use, e.g. quality circles
- IOM audit criteria: importance, scientific soundness, feasibility, alignment, comprehensiveness

THANK YOU FOR YOUR ATTENTION

Questions?

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