

Reabstraction Studies at CIHI

Caroline Pelletier

Data Quality Department

Canadian Institute for Health Information

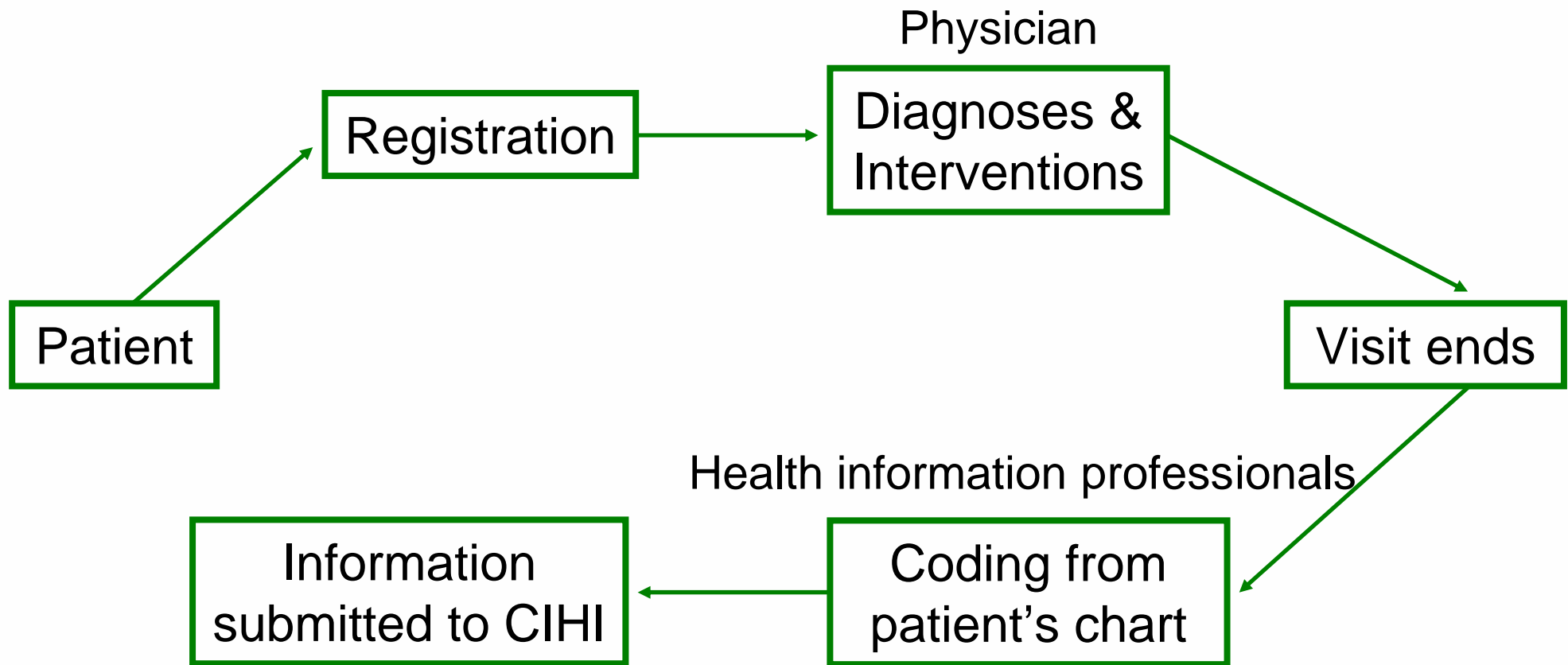
November 2006



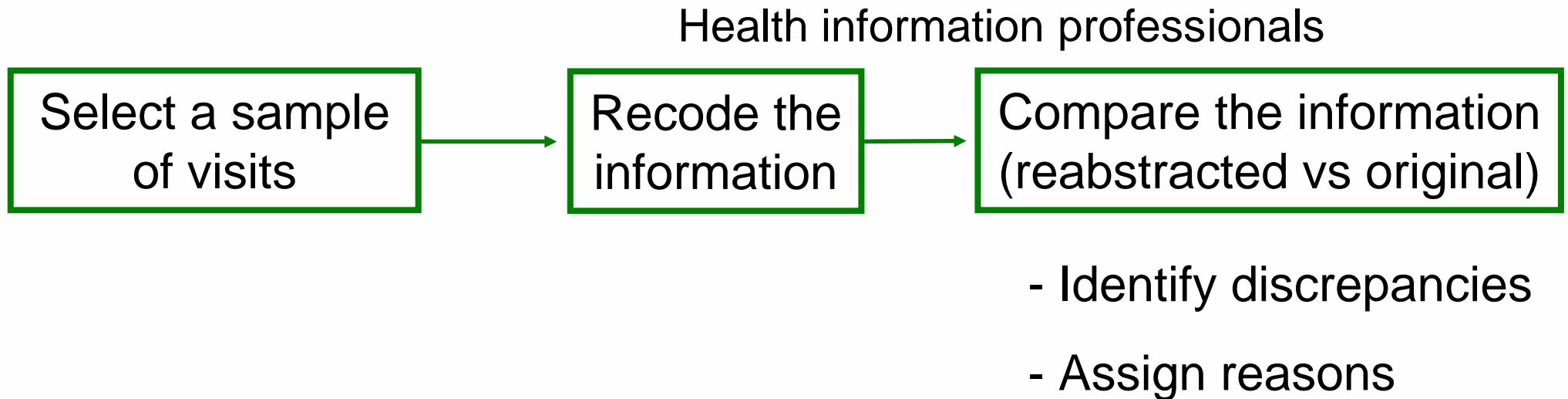
Canadian Institute
for Health Information

Institut canadien
d'information sur la santé

Abstraction Process



Reabstraction Process



Where is the methodologist involved?

- Study design
 - Multi-stage and multi-phase design
 - Stratification variables
 - Sample size determination
- Sample allocation and selection
- Recruitment and training
 - Scoring process
- Data collection tools
 - Application
 - Questionnaire

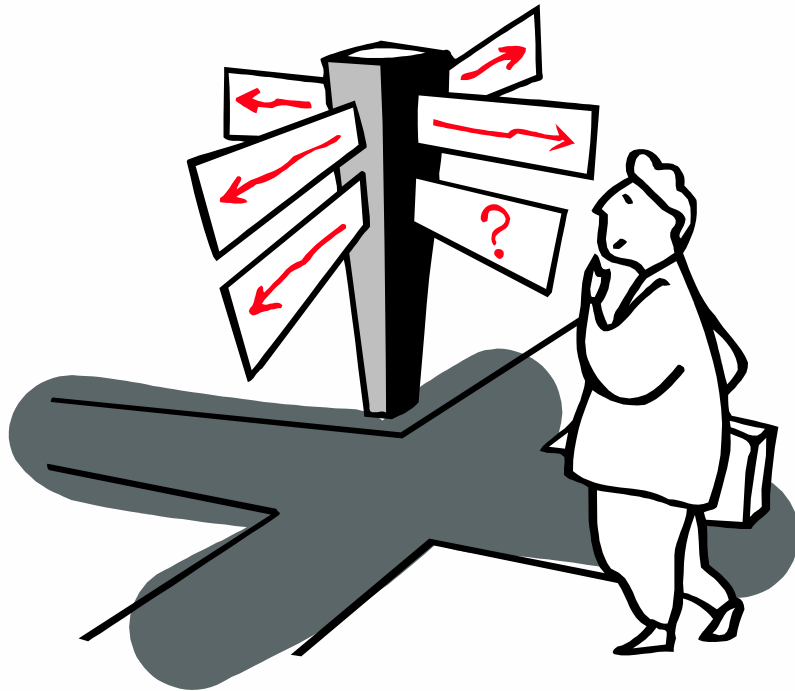
Where is the methodologist involved? (continued)

- Data processing
 - Weighting
 - Estimation and variance estimation
- Data analysis
 - Sources of measurement error
 - Coder effect
 - Impact of data collection mode
 - Cluster analysis
- Report Writing
 - Write study design, methodological notes
 - Review analysis and findings

Impact of reabstraction studies

- Canadian Institute for Health Information
 - Implementation of new edits
 - Changes in coding standards (e.g. diabetes mellitus)
 - Review & revise educational material
 - Review of diagnosis typing standard
 - Continue reabstraction studies
 - Dialogue with external stakeholders
- Ontario Ministry of Health and Long-Term Care
 - Establishment of a physician documentation expert panel
 - Establishment of Local Data Management Partnerships

Thank you!



Contact information

Caroline Pelletier

cpelletier@cihi.ca

(613) 694-6843