

1. Conceptueel informatiemodel - een dataset

- * Requirements analyse
 - * Gedocumenteerd vanuit de gebruiker van de gegevens
 - Geen formele modelering
 - Een 'data capture' model



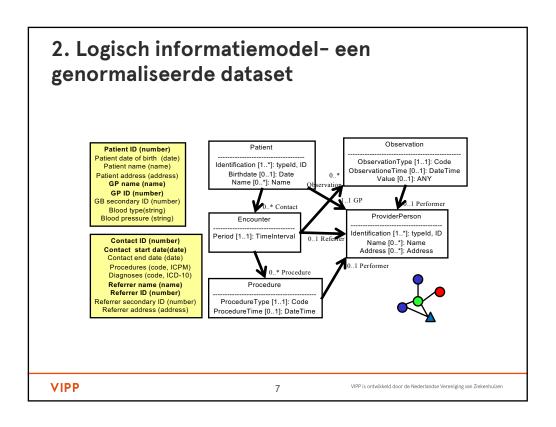
Patient ID (number)
Patient date of birth (date)
Patient name (name)
Patient address (address)
GP name (name)
GP ID (number)
GB secondary ID (number)
Blood type(string)
Blood pressure (string)

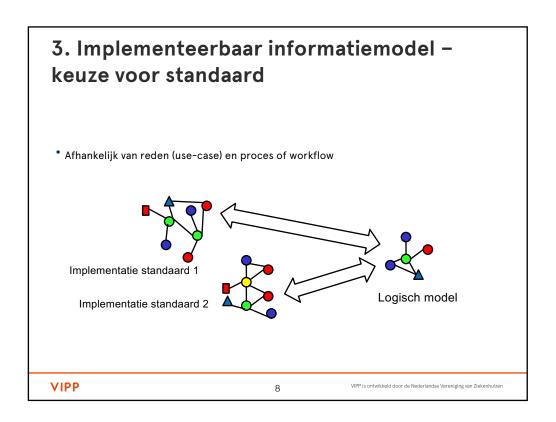
Contact ID (number)
Contact start date(date)
Contact end date (date)
Procedures (code, ICPM)
Diagnoses (code, ICD-10)
Referrer name (name)
Referrer ID (number)
Referrer secondary ID (number)
Referrer address (address)

VIPP

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VIPP is ontwikkeld door de Nederlandse Vereniging van Ziekenhuizen





3 lagen model

- Conceptueel model
 - "requirements model", in het hoofd van de gebruiker zit het zo in elkaar
- Logisch model
 - Genormaliseerd model, vertaling van requirements voor de informatici
- Implementatie model
 - 'over the wire' model, wat tussen de informatiesystemen heen en weer kan







VIPP

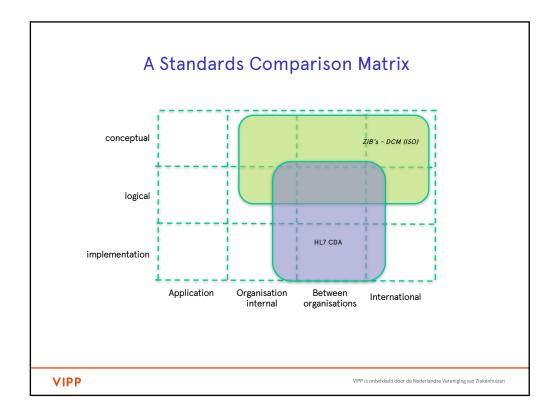
Stan Huff* Requirements for good models *vice chair of the HL7 Board of Directors and is the Chief Medical Informatics Officer at Intermountain Healthcare.

- * Accurate corresponds to the real world
- * Unambiguous only one meaning
- Understandable People recognize the real world referent(s)
- Reproducible Different modelers would model in the same way
- Parsimonious and harmonious use of terminology Semantics of the model and terminology match
- Flexible Evolve gracefully over time
- Consistent across domains Specimen Collection and I&O Charting
- Practical implementable in real systems
- * Minimally complex cover only what is needed
- Common queries are easy
- Fits with available technology (OO languages)

VIPP



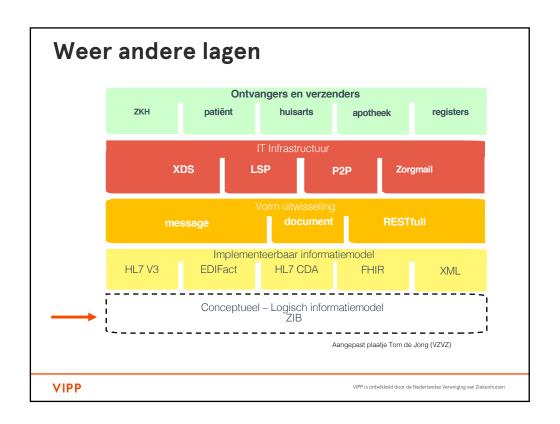




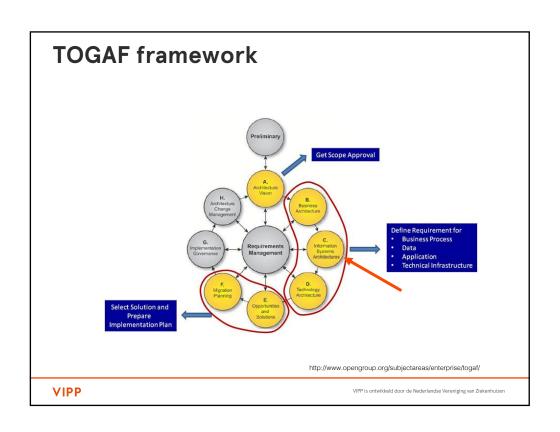
VIPP

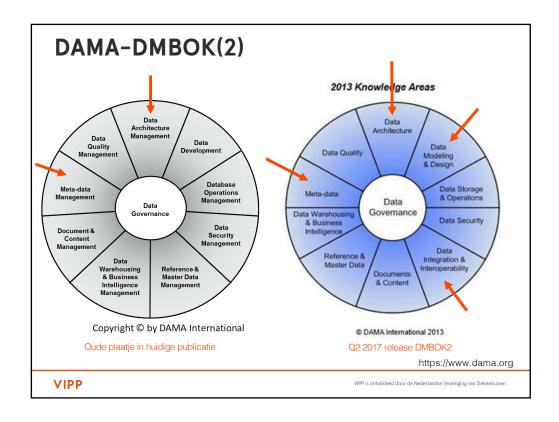
Plek van BGZ en ZIB's in andere referentie architecturen en frameworks

VZVZ, Nictiz, TOGAF, DAMA-DMBOK









VIPP Vragen?