



Engaging Content
Engaging People



A World
Leading SFI
Research
Centre

Science
Foundation
Ireland **sfi**
For what's next

Healthcare Interoperability :Lessons Learned

Subhashis Das, MSCA ELITE-S Fellow, ADAPT, CeIC, DCU
Supervisor: Dr Pamela Hussey, ADAPT, CeIC, DCU

This research has received funding from the European Union's Horizon 2020 research and innovation programme under the Marie Skłodowska-Curie grant agreement No. 801522, by Science Foundation Ireland and co-funded by the European Regional Development Fund through the ADAPT Centre for Digital Content Technology grant number 13/RC/2106_P2 and Davra Network.

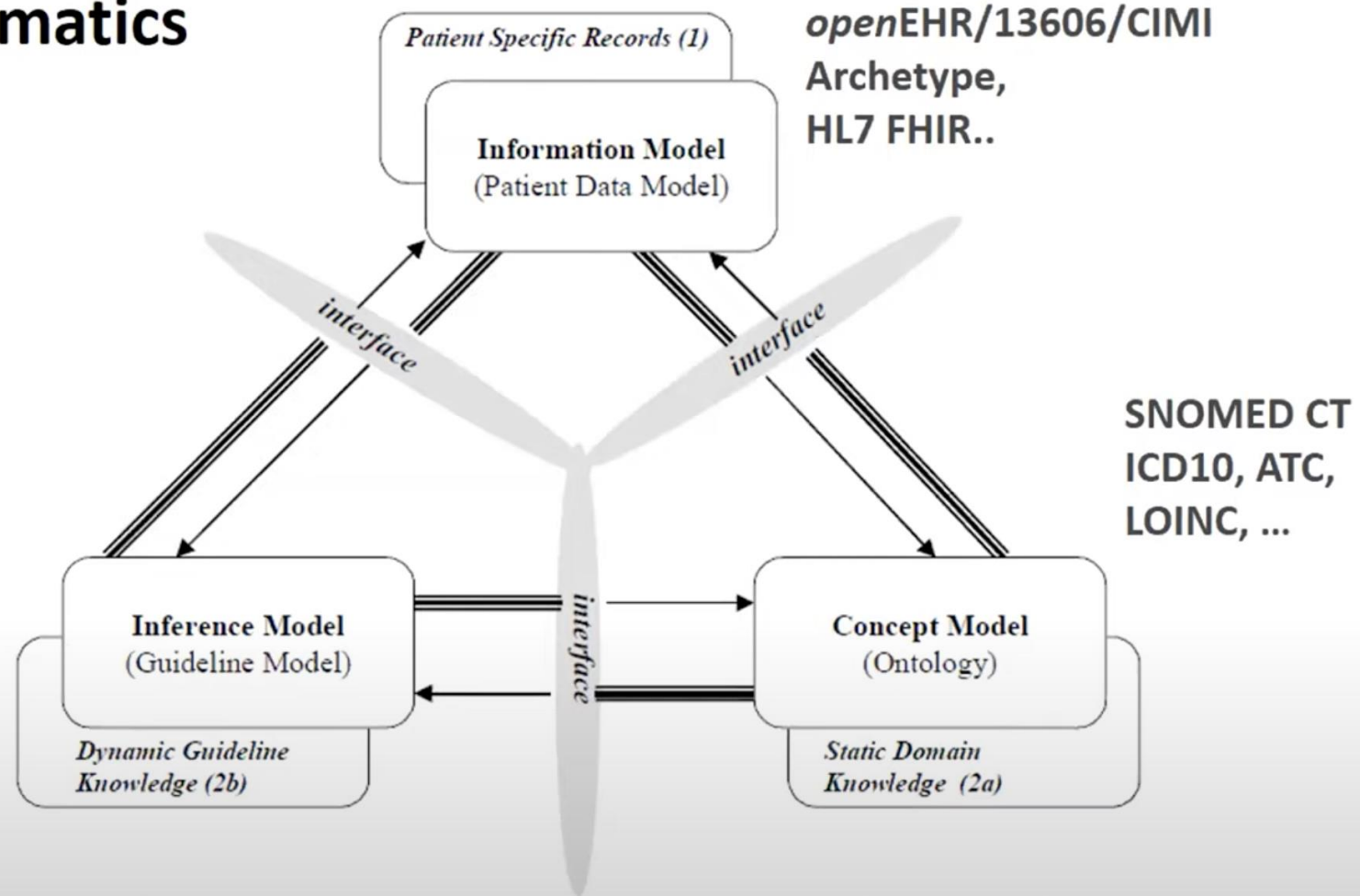


Interface of Information Model



Informatics

**Guideline
Definition
Language
(GDL)
/ Task
Planning
(TP)**



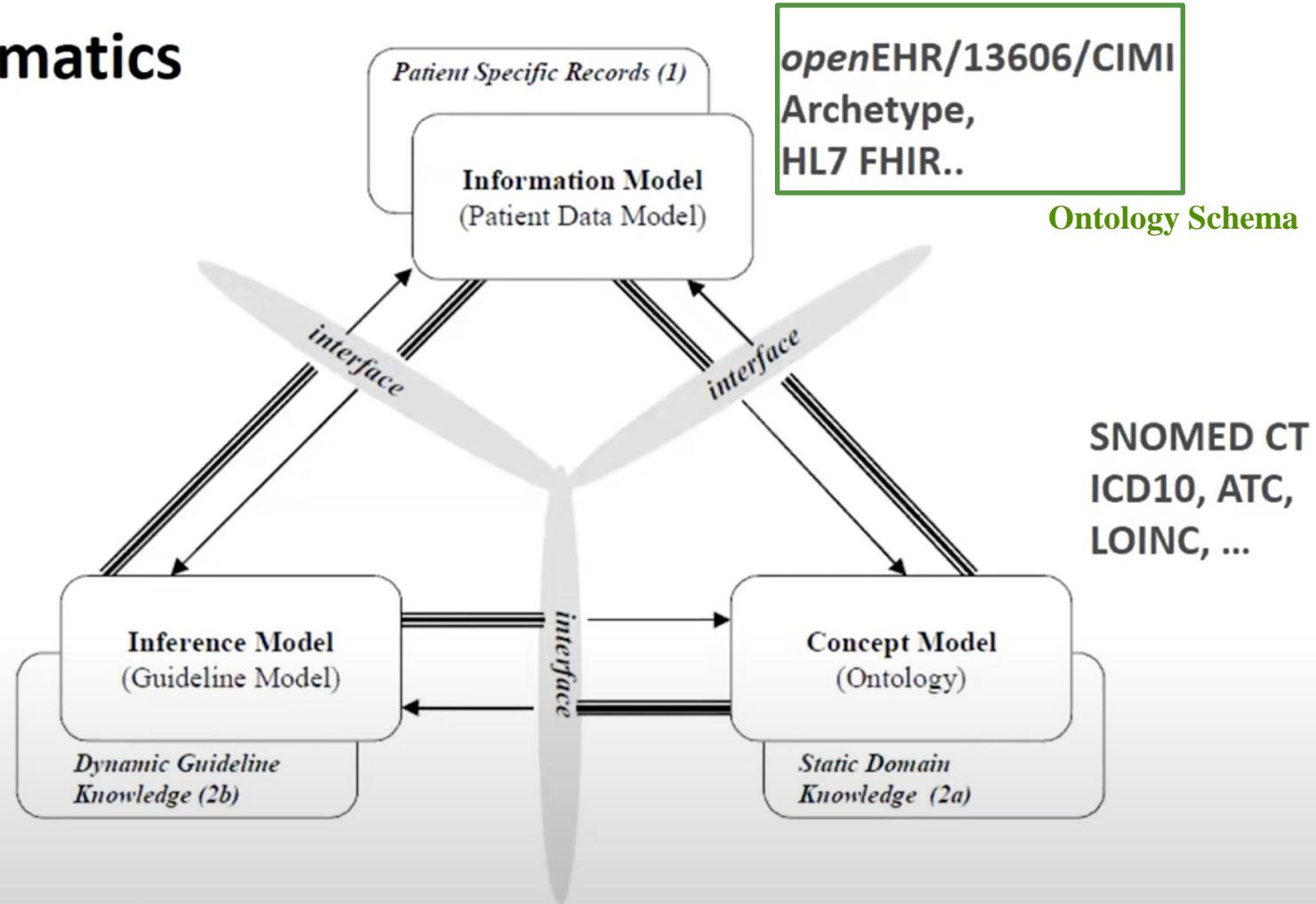
A L Rector PD Johnson S Tu C Wroe and J Rogers (2001) Interface of inference models with concept and medical record models. in S Quaglini, P Barahona and S Andreassen (eds) *Proc Artificial Intelligence in Medicine Europe (AIME-2001)* Springer:314-323

Information Model+Ontology Schema



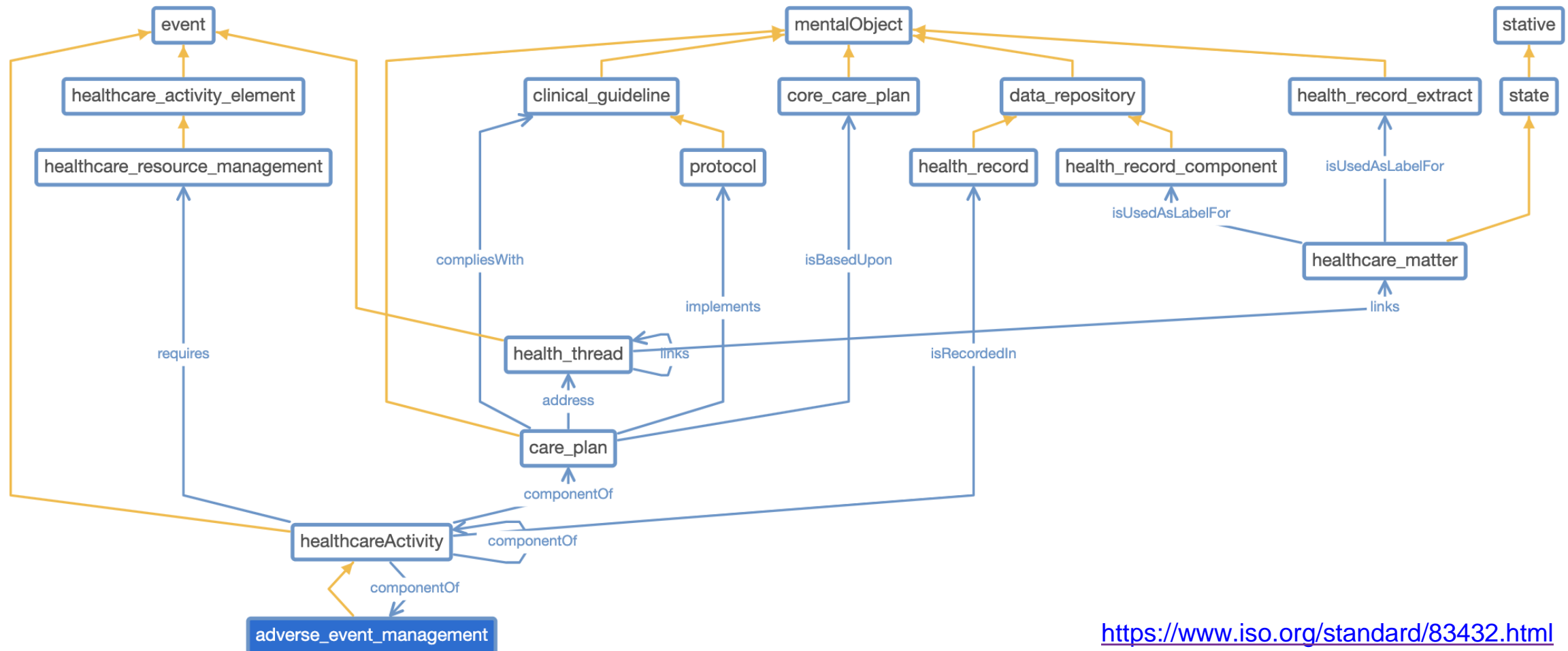
Informatics

**Guideline
Definition
Language
(GDL)
/ Task
Planning
(TP)**



A L Rector PD Johnson S Tu C Wroe and J Rogers (2001) Interface of inference models with concept and medical record models. in S Quaglini, P Barahona and S Andreassen (eds) *Proc Artificial Intelligence in Medicine Europe (AIME-2001)* Springer:314-323

ContSys Revision Work



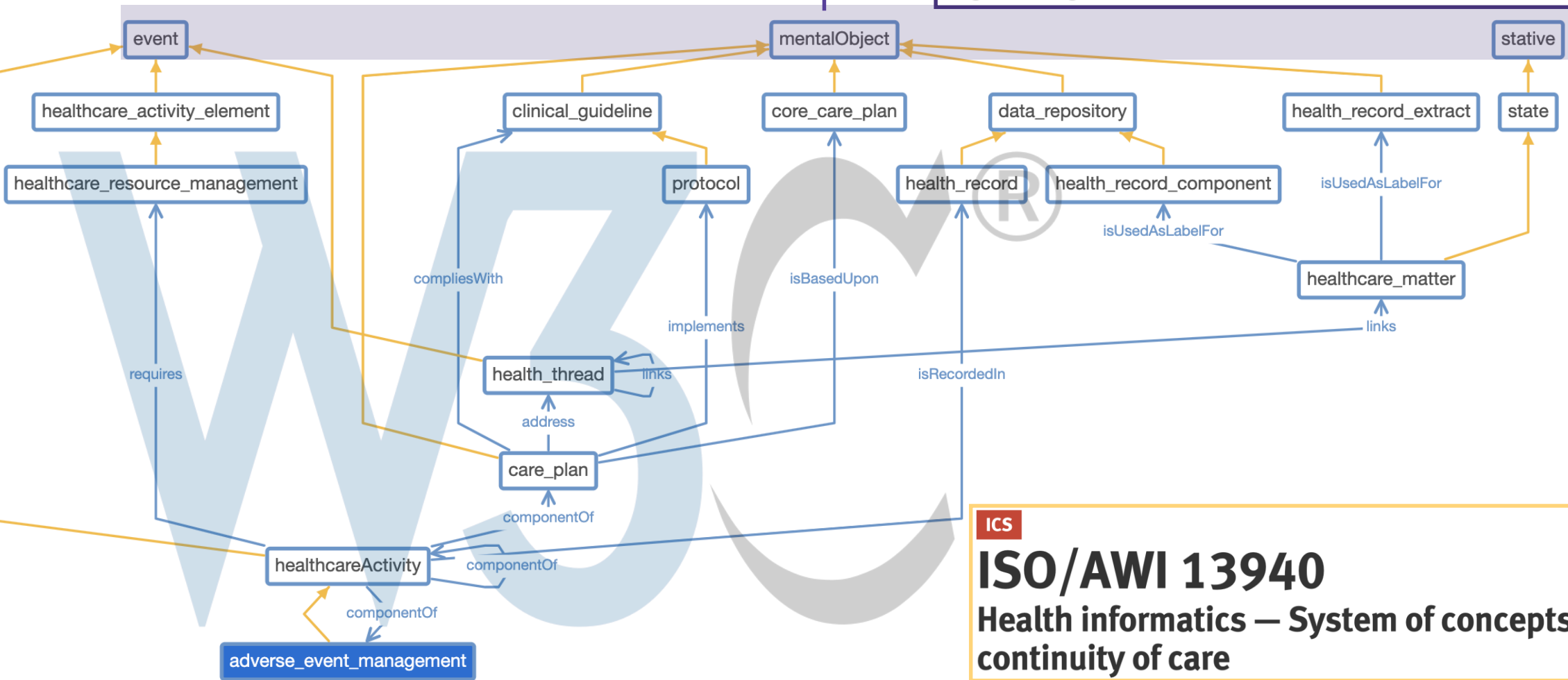
Alignment of Standards



ICS > 35 > 35.060

ISO/IEC DIS 21838-3

Information technology – Top-level ontologies (TLO) – Part 3: Descriptive ontology for linguistic and cognitive engineering (DOLCE)



ICS

ISO/AWI 13940

Health informatics – System of concepts to support continuity of care