Structure of the Q-Codes semantic knowledge base in General Practice/Family Medicine

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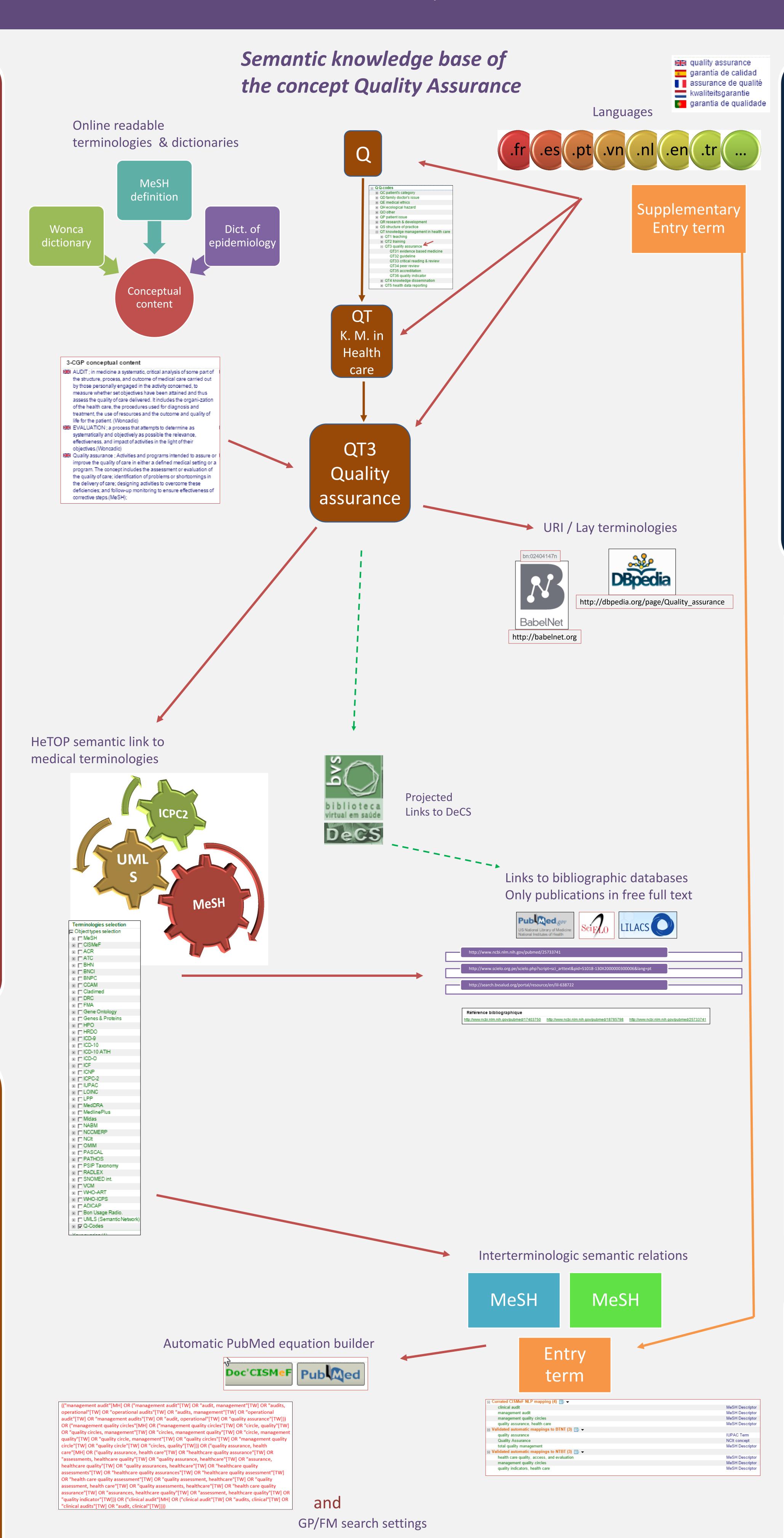
AIM

Coding abstracts of communications of GPs during congress allows more efficient exchange of information through a specific indexing process. Coding with Core Content Classification in General Practice/Family Medicine (3CGP/FM), an association of ICPC and of a new tool called Q-Codes means identifying the main concepts the writer is willing to share in his/her contribution. This is called 'text classification' or 'topic list building' in computer science and 'qualitative data analysis' in cognitive science. The GP is dealing with issues concerning the patient and with issues concerning the management of the job. Symptoms, diagnosis and process are what we will call clinical activities. General management as well as ethical or quality related issues are up to what we will call non-clinical or managerial activities. Clinical activities will be identified in the abstracts by the use of the International Classification of Primary Care second edition, electronic, version 5 (ICPC-2 e ver5). Managerial activities will be identified in the abstracts by the use of the Q-Codes, version 2.1, 2015 which we are explaining now in detail.

METHOD

www.hetop.eu is the European cross-lingual portal of health terminologies for indexing and searching Web resources. The portal uses OWL 2 Web Ontology Language.

We have developed the terminological content of 183 items called Q-codes using a graphic interface, populating the knowledge base with relevant information about the concepts studied. These concepts are linked to: (i) professional terminologies such as MeSH, (ii) lay terminologies such as Babelnet and DBpedia, and (iii) top bibliographic free full text citations of the domain GP/FM.



("Physicians, Primary Care"[Mesh] OR

"General Practice"[Mesh] OR "General

Practitioners"[Mesh] OR "Physicians,

Family"[Mesh]) OR "Primary Health

Care"[Majr:NoExp]

RESULTS

One hundred and eighty-three Q-Codes have been designed and 177 extensive terminological records are available online for now for beta testers. The whole process is described on http://docpatient.net/3CGP.

The ongoing version of the Q-codes is available here in 6 languages http://docpatient.net/3CGP/Q-Codes_ver_2_2.pdf

This poster present a general overview of the terminological development, showing the relations of the Q-Codes QT3, Quality Assurance

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