

The Q-Codes

A proposal for a complementary chapter to ICPC-2

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Wonca International
Classification Committee
annual meeting.

Turku, Finland, 9-15 Sept 2016

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How to manage the knowledge of Family Doctors ?

Which way to organize GP/FM knowledge ?

Any chance to have a common basic job description?

Any way to go through gray literature?



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Abstracts

Author(s)

Title contains

Text contains

Conference

- Wonca Europe Congresses
- Wonca World Congresses

- Wonca Europe Congresses

- Wonca 2016 - Copenhagen
- Wonca 2015 - Istanbul
- Wonca 2014 - Lisbon
- Wonca 2013 - Prague
- Wonca 2012 - Vienna
- Wonca 2011 - Warsaw
- Wonca 2010 - Malaga
- Wonca 2009 - Basel
- Wonca 2008 - Istanbul
- Wonca 2007 - Paris
- Wonca 2006 - Firenze
- Wonca 2005 - Kos
- Wonca 2004 - Amsterdam
- Wonca 2003 - Ljubljana
- Wonca 2002 - London
- Wonca 2001 - Tampere
- Wonca 2000 - Vienna
- Wonca 1999 - Palma de Mallorca
- Wonca 1998 - Dublin
- Wonca 1997 - Prague
- Wonca 1995 - Strasbourg

- Wonca World Congresses

- Wonca 2010 - Cancun, Mexico
- Wonca 2007 - Singapore
- Wonca 2004 - Orlando, USA
- Wonca 2001 - Durban, South Africa

Bottom-up approach to knowledge

Qualitative analysis of 1700 abstracts presented by GPs

WAP CNGE CLERMONT 2013 205 abstracts - ATLAS.ti

ations Codes Memos Networks Analysis Tools Views Windows Help

P326: Case 121

id
129

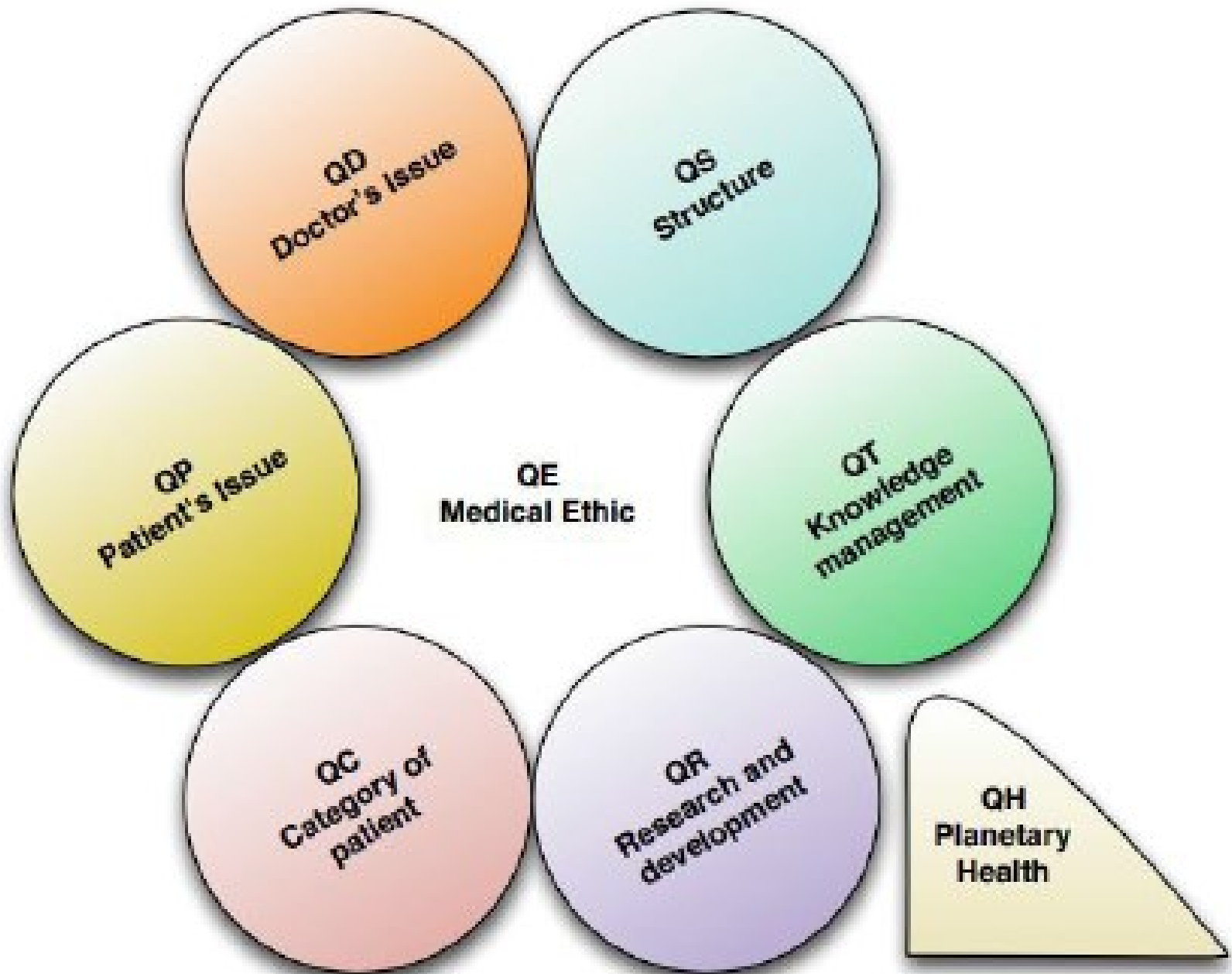
title
Dépendance physique de la personne âgée et maintien à domicile à Hem

body
 CONTEXTE: Retarder l'entrée en dépendance des personnes âgées est un objectif de santé publique depuis plusieurs années. Le vieillissement de la population propulse leur dépendance en enjeu de santé publique. La faiblesse de l'aide personnalisée à domicile (APA) force à moyen terme à améliorer le système pour leur maintien à domicile.
 QUESTION: Est il possible de mettre en adéquation les aides au maintien à domicile et la dépendance des personnes âgées pour leur bénéfice dans le cadre d'un partenariat entre les soignants d'un pôle de santé en constitution les élus de leur ville?
 METHODOLOGIE: Dans la ville de Hem (59510), 20.000 habitants, les soignants ont colligé les motifs de dépendance des personnes de plus de 75 ans par indice de Katz; ils les ont comparés aux aides pour leur maintien à domicile par questionnaires envoyés chez eux avec un financement municipal; il devaient répondre avec le médecin traitant.
 RESULTATS: Les réponses étaient de 32,34% (422 personnes âgées) pour 1309 envois. L'échantillon était de 64,73% (270) de femmes; 33,66% (139) personnes avaient entre 75 et 79 ans, 33,66% (139) entre 80 et 84 ans, 26,39% (109) entre 85 et 89 ans, 6,30% (26) entre 90 et 94 ans. Les âges moyen et médian étaient identiques à 82 ans, l'échantillon comparable à la population pour l'âge. Ils vivaient en EHPA pour 9,57% (40 personnes). Le score ADL était inférieur à 3 pour 2,93% (12 PA) des personnes. Le score ADL moyen était de 5,469 avec une médiane à 6; 66,10% des personnes (271 PA) étaient aidées pour leurs activités quotidiennes, 33,25% (139 PA) ne bénéficiaient d'aucune aide.

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3CGP = ICPC-2 + Q-Codes

Core Content Classification in GP/FM

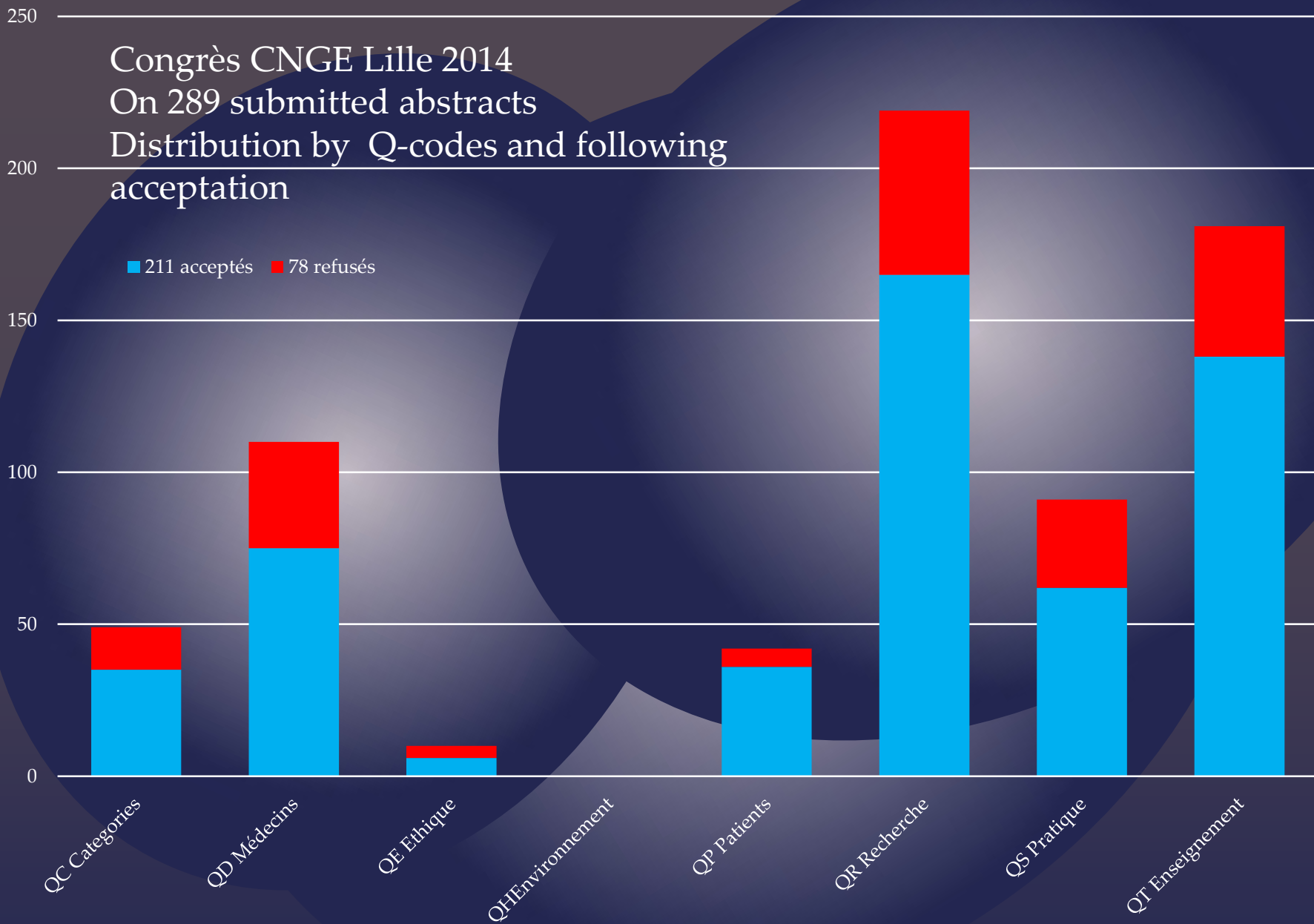


Congrès CNGE Lille 2014

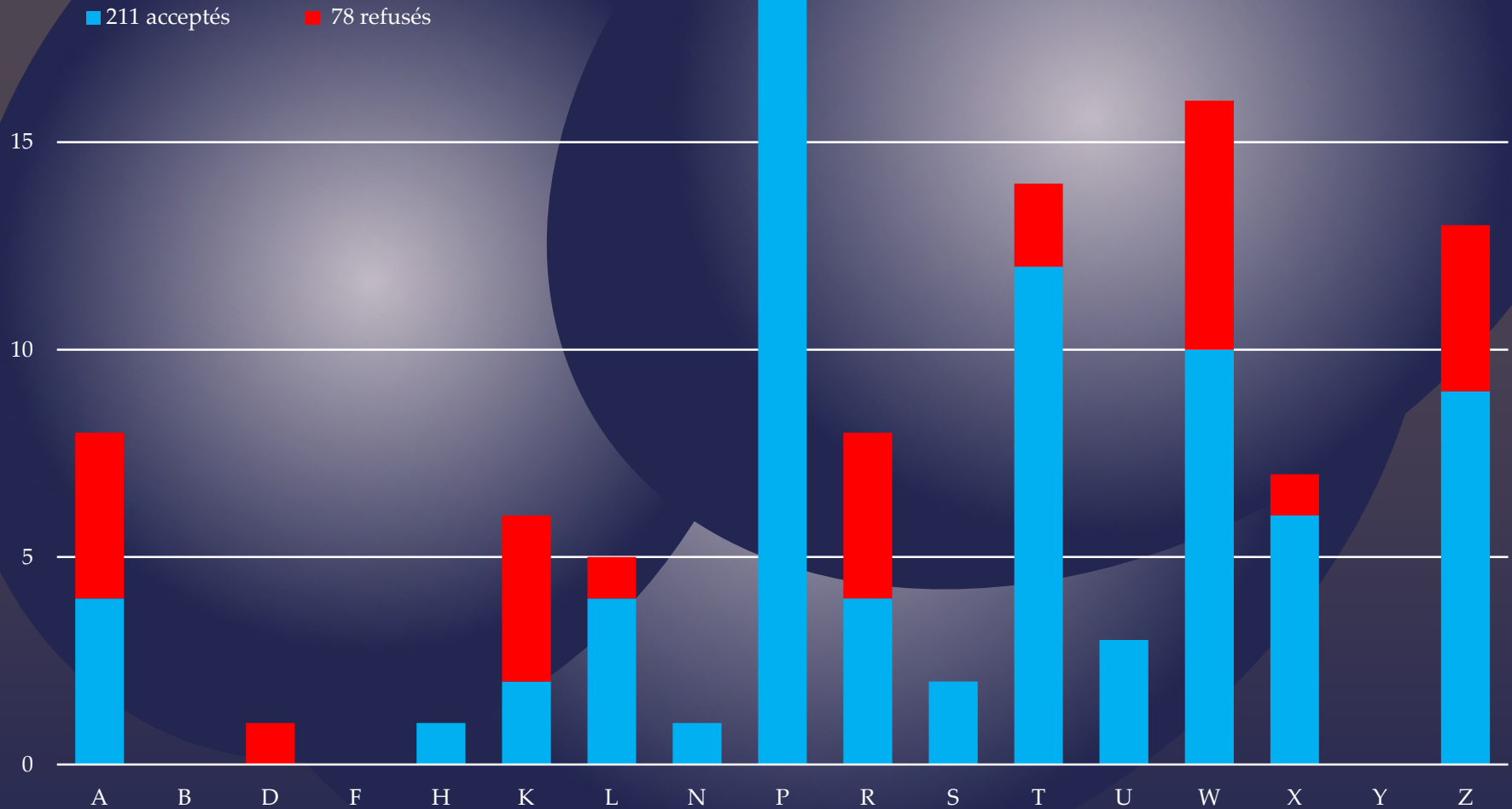
On 289 submitted abstracts

Distribution by Q-codes and following acceptance

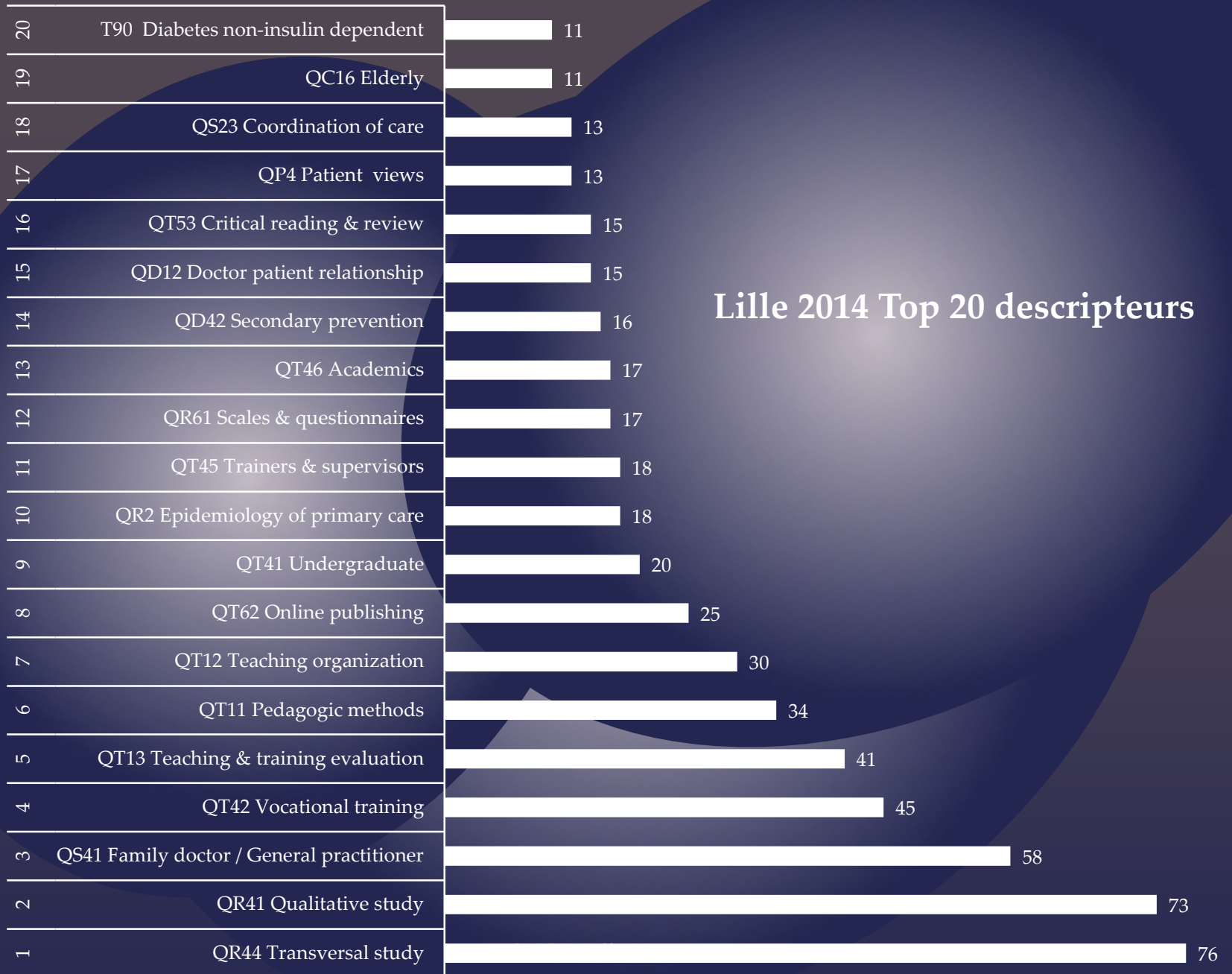
■ 211 acceptés ■ 78 refusés



Congrès CNGE Lille 2014
On 289 submitted abstracts
Distribution by ICPC-2 and following
acceptation

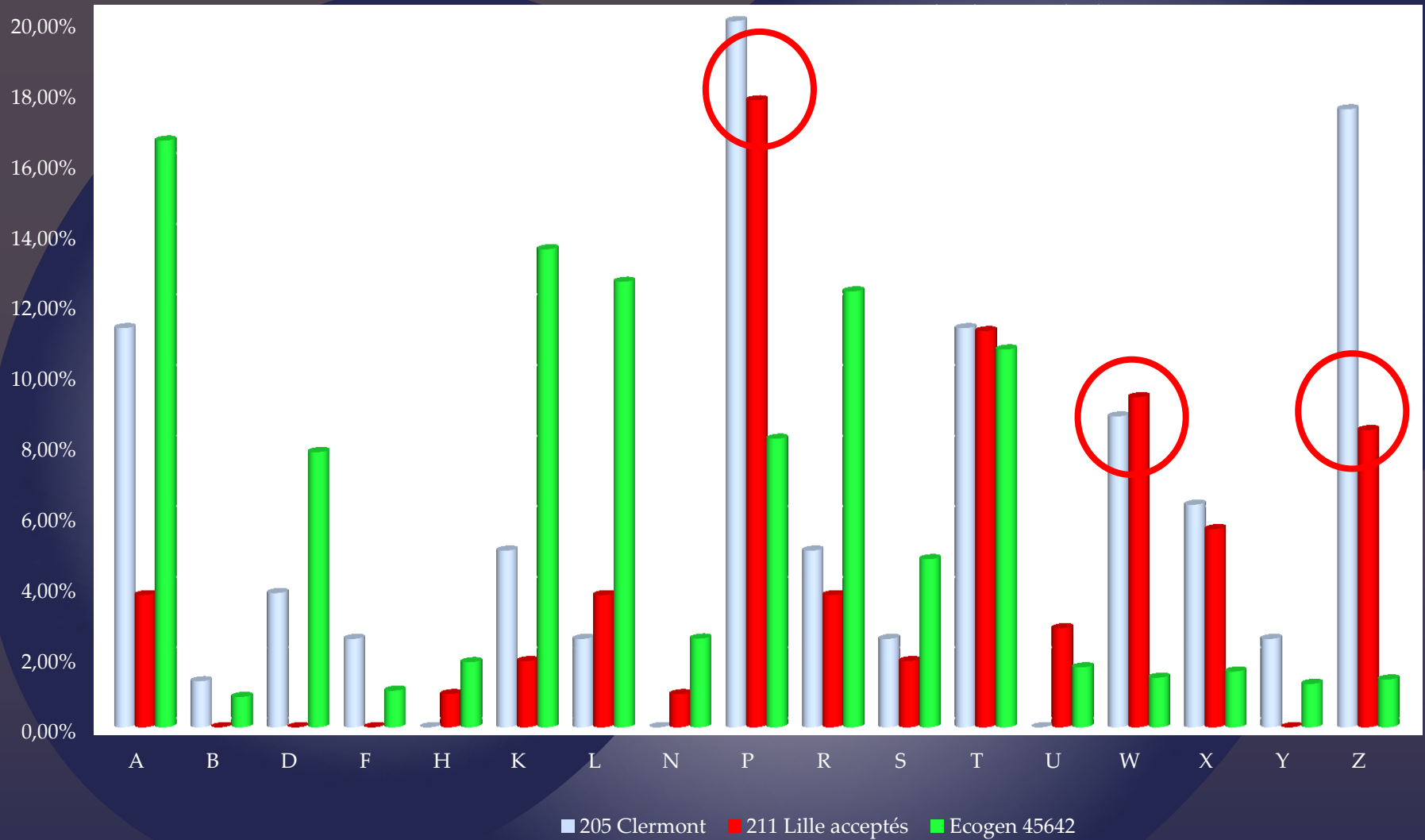


Lille 2014 Top 20 descripteurs



Comparison codes CISP-2 % du total

Comparison between congres abstracts content



GPs are discussing more P, Z et W than when coding patients' problems.
Some very important clinical issues dont' appear

Development of 3CGP version 2

Now version 2.5

With the help of the Department of bioinformatics,
Rouen University. (Prof Darmoni – Prof Grosjean)

Challenges:

- **Taxonomy**
- **Multi-terminologic**
- **Multilingual**
- **Fit for Ontologic world**
(NLP and Semantic web)

1970 Human ----- Papers ----- Human

1990 Human ----- Machine ----- Human

Excel

URL
doc

2003 Human

URI
data

Machine

Machine

Machine

Machine

Machine

Machine

Machine

Human

Human

Human

Human

Human

Human

Human

Human



Tim Berners Lee

<http://linkeddata.org/>
<http://lod-cloud.net/>

Q-Codes
content

HeTop field	Signification	Remark
Category ID	Alphanumeric identifier of the Q-code	Letter Q followed by one letter (C,D,P,S,T,R,H,O) followed by maximum four numeric digits
Category label	Full title of the category	First letter capital, plural possible, can be compound words
Preferred term (PT)	Normalized title of the category	English, masculine, singular, lower case
Preferred term, other language	Translated (es, pt, nl, vn, tr, fr, ct) version of the PT (any language allowed)	Will be used as text word [TW] search term in PubMed equation (in English)
Supplementary entry term(s)	Additional search term(s)	Will be used as text word [TW] search term in PubMed equation(in English)
Category definition	Definition of the title of the category	Reflecting the corporate culture of GP/FM. Show the intension of the concept
Category conceptual content	Set of definitions or descriptions from online nomenclatures, dictionaries or thesauri	Shows the extension of the concepts, includes the curated MeSH definitions
Automatic HeTop interterminologic relations	Automatic mapping of the PT by the HeTop embedded terminologies	Each proposal could be checked accepted or refused
Terminological features	Broader Than Narrower Term (BTNT) or Narrower Than Broader Term (NTBT)	Establish the hierarchical position of the PT mapping and links it to the HeTop semantic network
Curated MeSH	Accepted MeSH(s) which meaning correspond to the defined content of the PT	Will be used as [MH] in the PubMed equation automatically generated by the HeTop/Inforoute system
Refused links	Manually refused terminological links judged non-convenient	Will not be used in the search equation
Bibliographic free full text links	URL of citations of free full texts highlighting the content of the Q-Code	Generally chosen in PubMed but also through Google scholar
Babelnet.org link	Link to the URI of the corresponding babelnet.org entry(ies)	Maps the Q-Code to an extensive semantic network of multilinguistic knowledge
DBpedia.org link	Link to the URL of the corresponding DBpedia entry(ies).	Maps the Q-Code to a major knowledge semantic database. Could be Wikipedia if DBpedia missing

IN

Definition
Wonca dic. if any

Definition other
(source)

3CGP

Domain

Category

Sub-category

Code

182 codes 3CGP

Is a

Has definition

Is related to

Link MeSH if any

Other Links Hetop if any

Link Babelnet if any

Excl criteria

Consider 3CGP

Consider ICPC

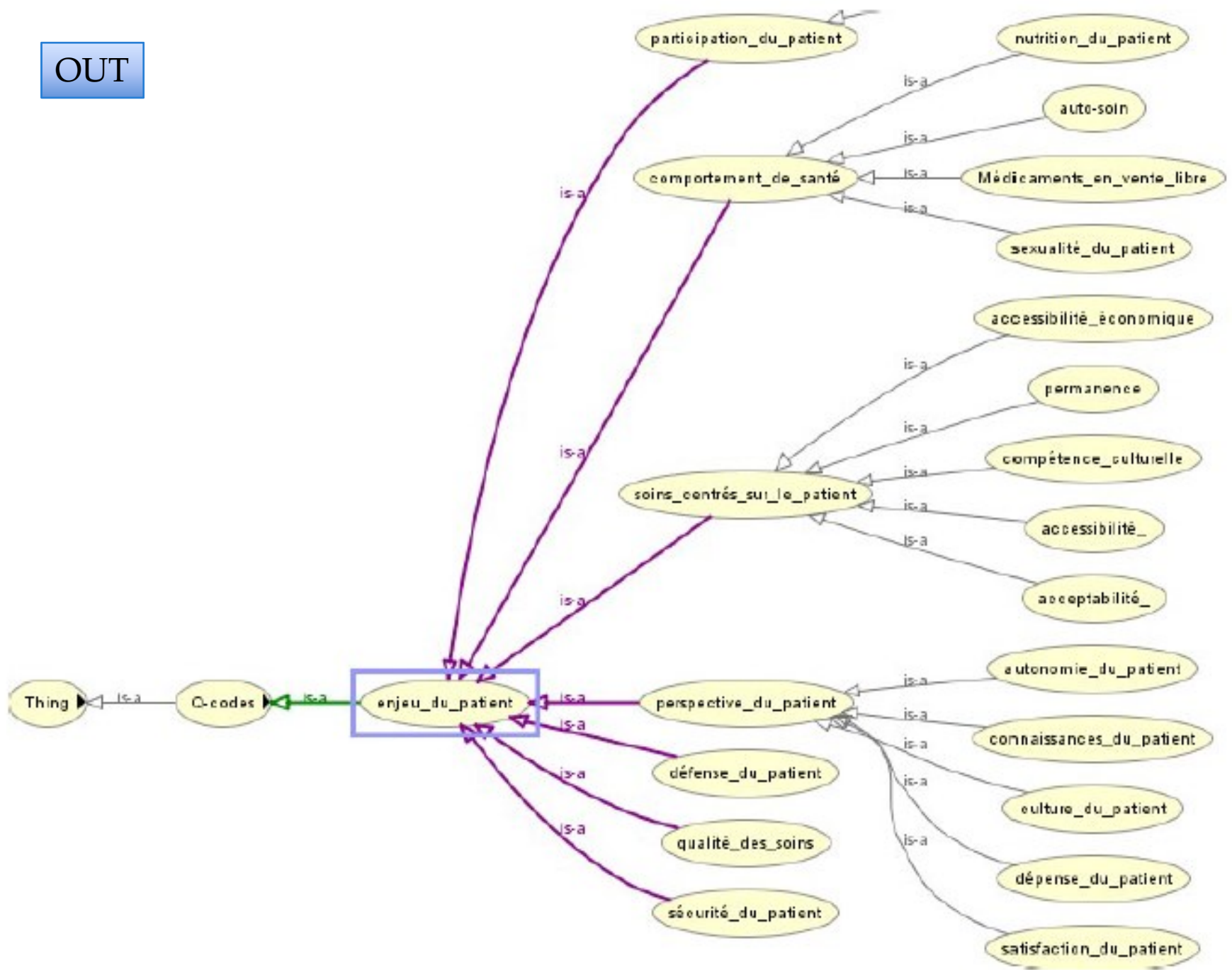
Has excl

consider

Multilingual Terminology

13

OUT



DBGUI

CISMeF acronym

en ▼

Exclusion

acute/transient psychosis P98 en ▼

psychose aiguë et transitoire P98 fr ▼

psicose aguda/ transitória P98 pt ▼

Inclusion

all types of paranoia; all types of schizophrenia en ▼

all types of schizophrenia, paranoia en ▼

tous types de schizophrénie, paranoïa fr ▼

todos os tipos de esquizofrenia, paranóia pt ▼

CISMeF synonym

en ▼

UMLS CUI

C0036341

ICPC-2 component

autres diagnostics fr ▼

Note

en ▼

[Full tree](#)

⊕ ARBO ICPC-2 top tree

⊕ See also (0)

⊕ See also (suggested by CISMeF) (0)

⊕ See also inter- (CISMeF) (0)

⊕ See also (automatic) (0)

⊕ ICD-10 related (20)

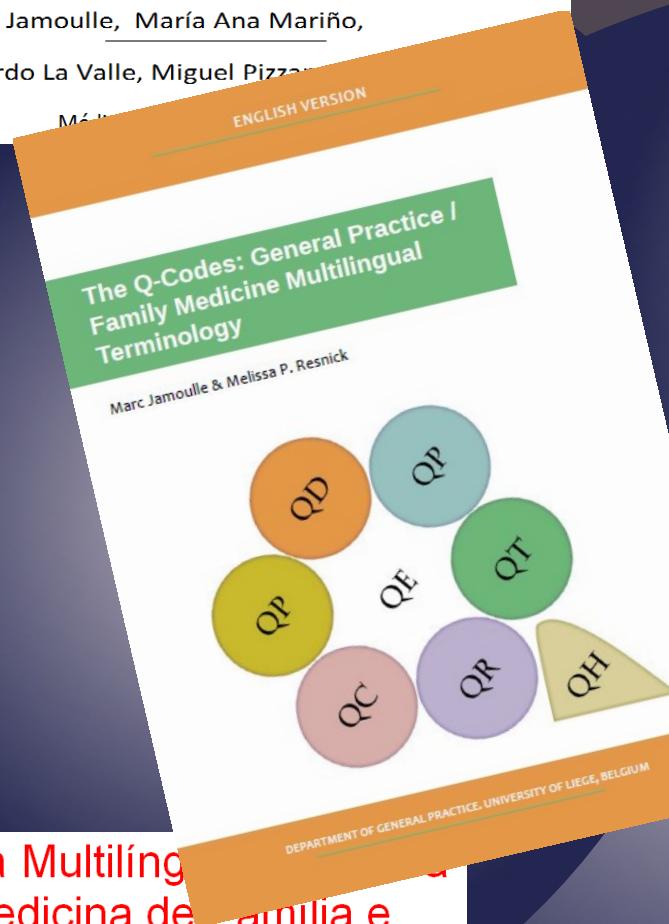
Q-Códigos y la terminología multilingüe de la medicina general y de familia

versión española

Marc Jamouille, María Ana Mariño,

Ricardo La Valle, Miguel Pizarro

México



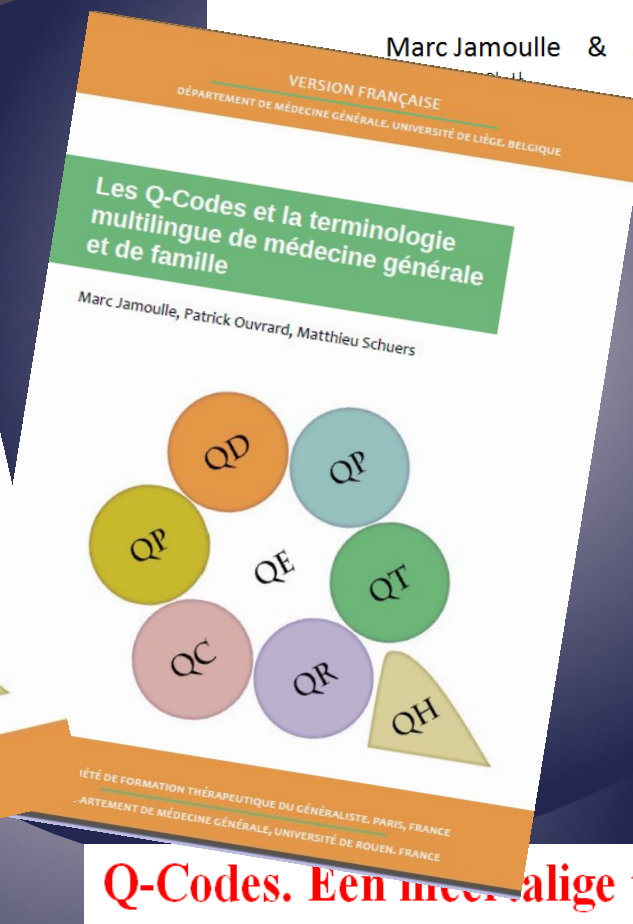
일반의 /가정의 다국어 용어집

한국어 버전

[General Practice / Family Medicine Multilingual Glossary, Korean version]

Marc Jamouille & Jong-Myon Bae

역학자



Terminologia Multilíngua da Medicina Geral / Medicina de Família e Comunidade

Versão em Português

Marc Jamouille, Arthur Treuherz,
Luis Filipe Gomes, Gustavo Gusso

Q-Codes. Een meertalige terminologie in de huisartsgeneeskunde

Nederlandse versie

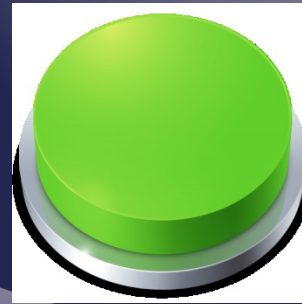
Marc Jamouille, Johan Brouns,
Carl Steylaerts, Johan Wens
Huisarts

Two years work alone but a lot of people join;

Interest for translating the terms : 8 languages

Interest for translating the definitions : 8 languages

Let's see the result on line



Extracted from the database ; Terminology in GP/FM in 5 languages