

CISP-Club ROUEN

16-17-18 Octobre 2015

Les Q-Codes

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Je ne parle ici que des Q-Codes

- En réalité le projet s'appelle 3CGP (pour Core Content Classification in GP/FM)
- Il s'agit de l'assemblage de ICPC et des Q-Codes
- La CISP pour la clinique
- Les Q-Codes pour l'organisation du métier
- Gaetan Kerdelhue vous dira le travail d'alignement MeSH de ICPC qu'il a fait pendant que moi je préparais les Q-Codes
- Voir <http://docpatient.net/3CGP>

Une table des matières pour la médecine générale?

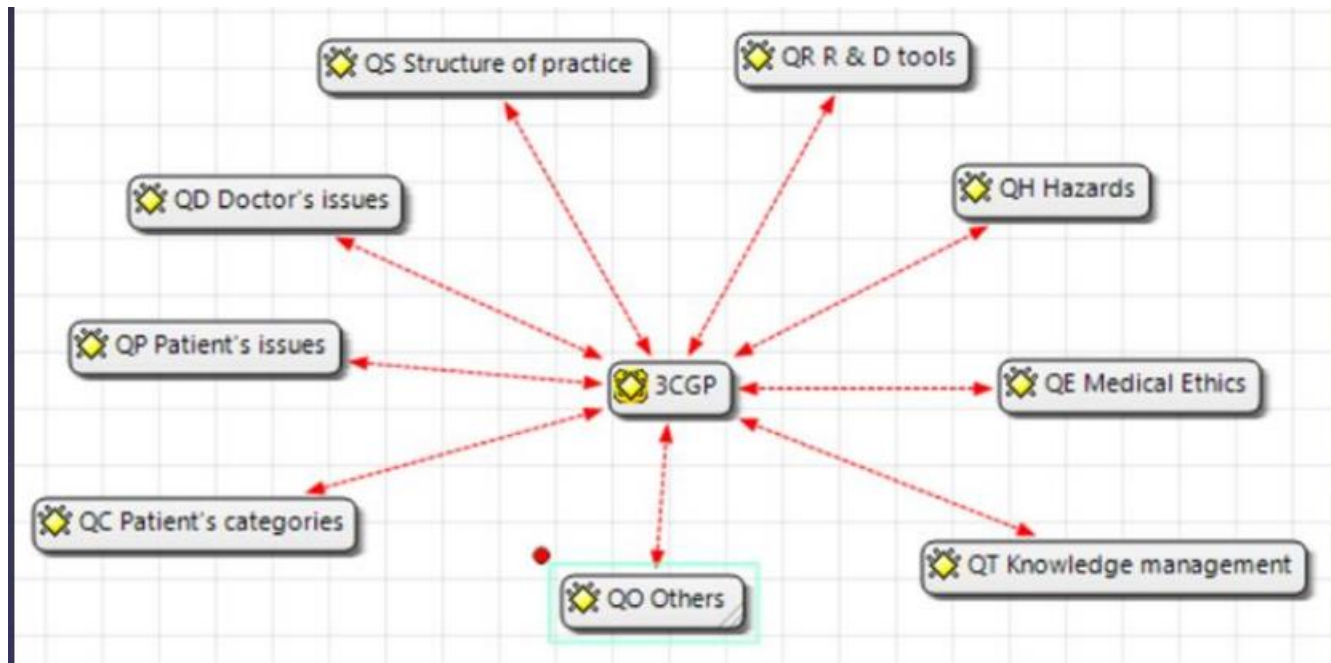
- Il existe des définitions consensuelles de la médecine générale et de famille ou des soins de santé primaires
- Il existe d'innombrables textbooks en GP/FM
 - ❖ Ils contiennent tous des items cliniques
 - ❖ Et des items non cliniques
 - ❖ Ils sont tous différents
- Wonca Europe a 20.000 abstracts en ligne
 - ❖ Sans système d'indexation

Elaboration d'une liste d'autorité

- J'ai analysé le contenu de 1600 abstracts de médecine de famille
- Progressivement de 2007 à 2015
- Il s'agit en fait d'analyse qualitative qui permet d'identifier les concepts
- Dans le monde informatique cette façon de faire porte le nom de **Text Classification** mais aussi de **Topic List** et d'autres encore
- Actuellement ce sont des machines qui font ça par NLP sur base d'Ontologies

Moi, j'ai voulu voir le contenu de mon métier

- J'ai repéré un peu moins de 200 concepts. A ce jour 184
- Evidement il y en a qui manquent
- Je les ai ordonnancé en 8 catégories et un catégorie « autre »
- Ils sont disponibles en 7 langues ; en / fr / es / pt / nl / vn / tr



Grace à l'aide de Stefan, Gaetan , Julien, Arthur et Melissa j'ai pu étudié leur contenu

- Interface d'édition sur HETOP
- Interface graphique d'élaboration DBGUI
- Mise en relation possible avec les terminologies Hetop par système automatique et semi-automatique
- Identification des MeSH (if any) et des Entry terms
- Recherche de contenu conceptuel
- Recherche d'articles biblio Full Free Access
- Recherche de correspondances sur Babelnet et Dbpedia
- Un an de travail
- Actuellement en révision (avec l'aide d'Arthur et Melissa)
- Projet de lier à DeCS (une autre histoire → voir Stefan)

60 "QD446 " "disease mongering "

Melissa's comments: In your paper "The words of prevention, part II: ten terms in the realm of quaternary prevention," you noted that there are no MeSH terms for "disease mongering." I also checked for other terms and did not find any appropriate terms. I even searched PubMed for "disease mongering" and reviewed the articles for MeSH terms.

Melissa's recommendations: I recommend the following PubMed search: "disease mongering"[tiab].

61 "QD447 " "overscreening "

Melissa's comments: MeSH covers many types of screening. But, overscreening is not available in MeSH. I looked at the MeSH term "Mass Screening," which is defined as: "Organized periodic procedures performed on large groups of people for the purpose of detecting disease." But, this is not equivalent to overscreening. I performed the following search: "unnecessary screening"[tiab] OR "overscreening"[tiab]. Some articles about overscreening in chemistry are mixed in with articles about medical overscreening. This was also true when I performed a search with each term individually.

Melissa's recommendation: I recommend the following search: "unnecessary screening"[tiab] OR "overscreening"[tiab].

Melissa P. Resnick, M.S., M.L.S.

Ph.D. Candidate, Health Informatics

University of Texas Health Science Center at Houston

Elaboration du Q-Code QT51 sur l'interface DBGUI

Runbox x CISMef DBGUI x

← → ↻ 🏠 <https://bocismef.chu-rouen.fr/dbguiVaadin/?winst=1415111987286&of=0&of=2488613>

Applications www.cidmef.u... Former aux... Sci G M TE P CISMef DBGUI CISMef Q-code DE

Edit Resource CGP_QC_QT51 (QT51 sentine

⏪ ⏩

Edit Display Options

New Apply Apply and close Undo Previous 1 / 2 Next Notice courte Notice longue

Origin ID	QT51	
	sentinel network	en ▼
	red centinela	es ▼
Preferred Label	réseau sentinelle	fr ▼
	rede sentinela	pt ▼
		▼
3-CGP entry term		en ▼
CISMef synonym		en ▼
3-CGP acronym		en ▼
	SENTINEL PRACTICE a general practice which undertakes to maintain surveillance of and report certain health problems such as adverse drug reactions or other notifiable health events.(Woncadic)	en ▼
3-CGP conceptual content	Population Surveillance ; Ongoing scrutiny of a population (general population, study population, target population, etc.), generally using methods distinguished by their practicability, uniformity, and frequently their rapidity, rather than by complete accuracy (MeSH)	en ▼
	Sentinel Surveillance; Monitoring of rate of occurrence of specific conditions to assess the stability or change in health levels of a population. It is also the study of disease rates in a specific cohort such as in a geographic area or population subgroup to estimate trends in larger population. (From Last,	en ▼
		fr ▼
CISMef acronym		en ▼

Résultat de ce travail sur HETOP

Description Hierarchies Relations PubMed / Doc'CISMeF

Resource consulted 21 times

See all languages

LS




Origin ID


QT51


Preferred Label

 sentinel network

3-CGP conceptual content

 SENTINEL PRACTICE a general practice which undertakes to maintain surveillance of and report certain health problems such as adverse drug reactions or other notifiable health events.(Woncadic)

 Population Surveillance ; Ongoing scrutiny of a population (general population, study population, target population, etc.), generally using methods distinguished by their practicability, uniformity, and frequently their rapidity, rather than by complete accuracy (MeSH)

 Sentinel Surveillance; Monitoring of rate of occurrence of specific conditions to assess the stability or change in health levels of a population. It is also the study of disease rates in a specific cohort such as in a geographic area or population subgroup to estimate trends in larger population. (From Last, Dictionary of Epidemiology, 2d ed) (MeSH)

Référence bibliographique

<http://www.ncbi.nlm.nih.gov/pubmed/15113496>

<http://www.ncbi.nlm.nih.gov/pubmed/19758977>

<http://www.ncbi.nlm.nih.gov/pubmed/25670886>

<http://www.ncbi.nlm.nih.gov/pubmed/25670886>

UMLS CUI

C0242791

BabelNet link

[bn:00051975n](http://babelnet.org/ontology/bn:00051975n)

Wikipedia link

http://en.wikipedia.org/wiki/R%C3%A9seau_Sentinelles

Wonca theme

HeTOP

1 matches in 0,57 s ★★★★★

Terminologies selection

Your queries (1)

Views history (2)

Results

- [-] Q-Codes (1)
 - [-] Q-code (1)
 - Q Q-codes

Description	Hierarchies	Relations	Pub
<h2>Q Q-codes (Q-code)</h2>			
[-] Q Q-codes			
+ QC patient's category			
+ QD family doctor's issue			
+ QE medical ethics			
+ QH ecological hazard			
+ QO other			
+ QP patient issue			
+ QR research & development			
+ QS structure of practice			
+ QT knowledge management in health care			

heTOP
1 matches in 0.57 s

Terminologies selection

Your queries (1)

Views history (2)

Results

- Q-Codes (1)
 - Q-code (1)
 - Q Q-codes

Q Q-codes (Q-code)
Resource consulted 547 times [See all languages](#)

Sources documentaires online

Origin ID
Q

Preferred Label
Q-codes

CISMef synonym
Chapter Q of 3CGP.

3-CGP acronym

AAFP ; American association of Family Physician policies	AHRQ ; Agency for Health Care Research and Quality Glossary of Terms	DeCS ; Descriptors em Ciências da Saúde (en-es-pt)	Dioepid ; A dictionary of epidemiology.M.Porta, 8th edition
ECHO ; Medical supplies and equipment for primary health care A practical resource for procurement and management	ERIC ; Education Resources Information Center . Institute of Education Sciences	ERSM 2008 ; Paul J. Lavrakas Encyclopedias of Survey Research Methods. Sage online publications 2008	Harnad S 2005 ; To Cognition is to Categorize: Cognition is Categorization. Lefebvre C., & H. Cohen (Eds.) (2005) Handbook on Categorization. Elsevier
Howie & all 2004 ; Howie JGR, Heaney D and Maxwell M. Quality, and core values and the general practice consultation: issues of definition, measurement and delivery. Family Practice 2004;21: 458-468.	IIME ; Institute of International Medical Education	ISCO ; Health International Standard Classification of Occupations ISCO-08 Group Definitions: Occupations in Health	MeSH ; Medical Subject heading of the National library of Medicine
NEH gloss ; National Institute of Environmental Health Sciences Glossary of Commonly Used Terms in Research Ethics	ODLIS ; Online Dictionary for Library and Information Science	Reliefweb ; Glossary of humanitarian terms 2008	SNOMED ; Systemized Nomenclature of Medicine
Woncadic ; Wonca Dictionary of General/Family Practice 2003			

3-CGP conceptual content

Collection of descriptors encompassing specific centers of interest of family doctors identified in abstracts of communications during congresses of family doctors. To be completed. In association with ICPC-2 they form 3CGP, Core Content Classification in General Practice/Family medicine. 3CGP allows to index probably most of family doctor's gray literature. Work in progress

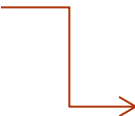
Référence bibliographique

http://apps.who.int/medicinedocs/documents/d28282en/d28282en.pdf	http://browser.ihtsdo.org/?winst=1418282416849&of=0&of=2485	http://decs.bvs.br/cgi-bin/wisis1680.exe?decsserver?lscScript=jqz-bi	http://doopatient.net/3CGP/Q-codes_4_languages.pdf
http://effectivehealthcare.ahrq.gov/index.cfm/options/glossary?view=on	http://eprints.soton.ac.uk/261725/4/catcon.pdf	http://eric.ed.gov/?f=allhttp://www.aafp.org/about/policies/a-z.html	http://fampra.oxfordjournals.org/content/21/4/468.full.pdf
http://reliefweb.int/sites/reliefweb.int/files/resources/4F98A3C28EC37C	http://smo.saopub.com/view/encyclopedia-of-survey-research-meth	http://www.irea.ir/files/site/loages/dictionary.pdf	http://www.abo-dlo.com/ODLIS/odlis_1.aspx
http://www.iime.org/glossary.htmhttp://www.ncbi.nlm.nih.gov/mesh/	http://www.ilo.org/public/english/bureau/stat/isco/docs/health.pdf	https://www.niehs.nih.gov/research/resources/bioethics/glossary/index	http://www.kitn.no/upload/2705/ICPC-2-English.pdf
	http://www.ph3c.org/PH3C/docs/27/000092/0000052.pdf		

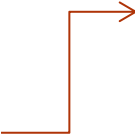
Wikipedia link

<http://doopatient.net/3CGP>

Abréviations utilisées



Sites Internet de terminologie



Q Q-codes (Q-code)

Q Q-codes

QC patient's category

QC1 age group

QC2 gender issue

QC3 social high risk

QC4 addict

QC5 victim of violence

QC6 survivor

QD family doctor's issue

QD1 communicator

QD2 doctor as carer

QD3 care manager

QD31 health risk management

QD32 health issue management

QD33 health status assessment

QD34 multimorbidity

QD35 genetic issues

QD4 clinical prevention

QD5 complementary medicine

QD6 medico legal issue

QD7 professional image & identity

QD8 health provider personal life

QE medical ethics

QH ecological hazard

QO other

QP patient issue

QR research & development

QS structure of practice

QT knowledge management in health care

Voyons un exemple



multimorbidity



multimorbilidad



multimorbidité



multimorbiditeit



multimorbidade

QD34 multimorbidity (Q-code)

Resource consulted 31 times

See all languages



Origin ID

QD34

Preferred Label


 multimorbidity


3-CGP entry term


 multi-morbidity

 polymorbidity

3-CGP conceptual content

 COMORBIDITY other diseases or health problems in addition to that being studied or dealt with.(Woncadic)

 Multimorbidity : is defined as any combination of chronic disease with at least one other disease (acute or chronic) or biopsychosocial factor (associated or not) or somatic risk factor. Any biopsychosocial factor, any risk factor, the social network, the burden of diseases, the health care consumption, and the patient's coping strategies may function as modifiers (of the effects of multimorbidity). Multimorbidity may modify the health outcomes and lead to an increased disability or a decreased quality of life or frailty.(Le Reste et al 2013)

 Multimorbidity ; The co-existence of two or more chronic conditions, where one is not necessarily more central than the others (Boyd & all 2010)

Référence bibliographique

<http://bjgp.org/content/bjgp/24/141/251.full.pdf>

<http://www.ncbi.nlm.nih.gov/pubmed/23919296>

<http://journals.plos.org/plosone/article?id=10.137>

<http://www.ncbi.nlm.nih.gov/pubmed/25048354>

<http://www.ncbi.nlm.nih.gov/pubmed/16926936>

<http://www.ncbi.nlm.nih.gov/pubmed/25484244>

UMLS CUI

Description Hierarchies Relations PubMed / Doc'CISMeF

QD34 multimorbidity (Q-code)

Narrower

Inter-terminologic

Manual NTBT mappings (CISMeF) (1)

comorbidity

MeSH Descriptor

Automatic exact mappings (from CISMeF team) (1)

multimorbidity

MedDRA Preferred Term

See also inter- (CISMeF) (1)

multimorbidity

MedDRA Preferred Term

Description Hierarchies Relations PubMed / Doc'CISMeF

QD32 health issue management (Q-code)

exact

Inter-terminologic

Curated CISMeF NLP mapping (4)

diagnosis

MeSH Descriptor

diagnostic services

MeSH Descriptor

diagnostic techniques and procedures

MeSH Descriptor

therapy

MeSH Qualifier

Validated automatic mappings to BTNT (1)

disease management

MeSH Descriptor

Broader

Équation automatique pour multimorbidity

((("multimorbidity"[TW] OR "multi-morbidity"[TW] OR "polymorbidity"[TW]))

Équation automatique pour health issue management

((("diagnostic services"[MH] OR ("diagnostic services"[TW] OR "services, diagnostic"[TW] OR "diagnostic service"[TW] OR "service, diagnostic"[TW] OR "health issue management"[TW] OR "disease management"[TW] OR "health problem management"[TW])) OR ("diagnostic techniques and procedures"[MH] OR ("diagnostic techniques and procedures"[TW] OR "technics and procedures, diagnostic"[TW] OR "diagnostic technics and procedures"[TW] OR "techniques and procedures, diagnostic"[TW])) OR ("diagnosis"[MH] OR ("diagnosis"[TW] OR "antemortem diagnosis"[TW] OR "postmortem diagnosis"[TW] OR "diagnoses"[TW] OR "diagnoses and examinations"[TW] OR "diagnosis, antemortem"[TW] OR "diagnoses, antemortem"[TW] OR "diagnosis, postmortem"[TW] OR "examinations and diagnoses"[TW] OR "antemortem diagnoses"[TW] OR "postmortem diagnoses"[TW] OR "diagnoses, postmortem"[TW] OR "care manager"[TW] OR "clinical decision"[TW] OR "clinical guidance"[TW])))

QD34 Multimorbidity est étroit

...nih.gov/pubmed?term=("multimorbidity"%5BTW%5D+OR+"multi-morbidity"%5BTW%5D+OR+"polymorbidity"%5BTW%5D)&cmd=DetailsSearch

NCBI Resources How To jamouille My NCBI Sign Out

PubMed ("multimorbidity"[TW] OR "multi-morbidity"[TW] OR "polymorbidity"[TW]) Search

Article types: Clinical Trial, Review, Customize ...

Text availability: Abstract, Free full text, Full text

PubMed: Commons, Reader comments, Trending articles

Publication dates: 5 years, 10 years, Custom range...

Species: Humans, Other Animals

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Summary 20 per page Sort by Publication Date Send to: Filter your results:

Search results Items: 1 to 20 of 1630

1. [A two-way clustering framework to identify disparities in multimorbidity patterns of mental and physical health conditions among Australians.](#)
Ng SK.
Stat Med. 2015 Nov 20;34(26):3444-60. doi: 10.1002/sim.6542. Epub 2015 May 31.
PMID: 26032906
[Similar articles](#)

2. [Energy Metabolism and the Burden of Multimorbidity in Older Adults: Results From the Baltimore Longitudinal Study of Aging.](#)
Fabbri E, An Y, Schrack JA, Gonzalez-Freire M, Zoli M, Simonsick EM, Guralnik JM, Boyd CM, Studenski SA, Ferrucci L.
J Gerontol A Biol Sci Med Sci. 2015 Nov;70(11):1297-303. doi: 10.1093/gerona/glu209. Epub 2014 Nov 18.
PMID: 25409892
[Similar articles](#)

3. [Transforming nurse training to address multi-morbidity: the missed opportunity of the shape of caring review.](#)
Gray R.
J Psychiatr Ment Health Nurs. 2015 Nov;22(9):653-4. doi: 10.1111/jpm.12268. No abstract available.
PMID: 26459921
[Similar articles](#)

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- [English & Humans \(823\)](#)
- [Free Full Text \(532\)](#)
- [Items with Abstracts \(1499\)](#)
- [Review \(246\)](#)
- [FM Mesh \(217\)](#)

[Manage Filters](#)

New feature
Try the new Display Settings option - Sort by Relevance

Results by year
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Find related data
Database: Select
[Find items](#)

QD32 Health issue management est tres large

NCBI Resources How To jamouille My NCBI Sign Out

PubMed.gov US National Library of Medicine National Institutes of Health

PubMed ("diagnostic services"[MH] OR ("diagnostic services"[TW] OR "services, diagnostic"[TW] OR "c... Search

Create RSS Create alert Advanced Help

Article types Summary 20 per page Sort by Publication Date Send to: Filter your results:

Clinical Trial Review Customize ...

Text availability Abstract Free full text Full text

PubMed Commons Reader comments Trending articles

Publication dates 5 years 10 years Custom range...

Species Humans Other Animals

Search results

Items: 1 to 20 of 7942629 << First < Prev Page 1 of 397132 Next > Last >>

⚠ Quoted phrase not found.

[Coordination within medical neighborhoods: Insights from the early experiences of Colorado patient-centered medical homes.](#)
Alidina S, Rosenthal M, Schneider E, Singer S.
Health Care Manage Rev. 2016 Aug 6. [Epub ahead of print]
PMID: 26259020
[Similar articles](#)

[Setting research priorities to improve global newborn health and prevent stillbirths by 2025.](#)
Yoshida S, Martines J, Lawn JE, Wall S, Souza JP, Rudan I, Cousens S; neonatal health research priority setting group, Aaby P, Adam I, Adhikari RK, Ambalavanan N, Arifeen SE, Aryal DR, Asiruddin S, Baqui A, Barros AJ, Benn CS, Bhandari V, Bhatnagar S, Bhattacharya S, Bhutta ZA, Black RE, Blencowe H, Bose C, Brown J, Bühner C, Carlo W, Cecatti JG, Cheung PY, Clark R, Colbourn T, Conde-Agudelo A, Corbett F, Czeizel AE, Das A, Dav JT, Deal C, Deorari A, Dilmen U, English M

All (7942629)
[English & Humans \(4926468\)](#)
[Free Full Text \(1541370\)](#)
[Items with Abstracts \(576473\)](#)
[Review \(716166\)](#)
[FM Mesh \(38714\)](#)

[Manage Filters](#)

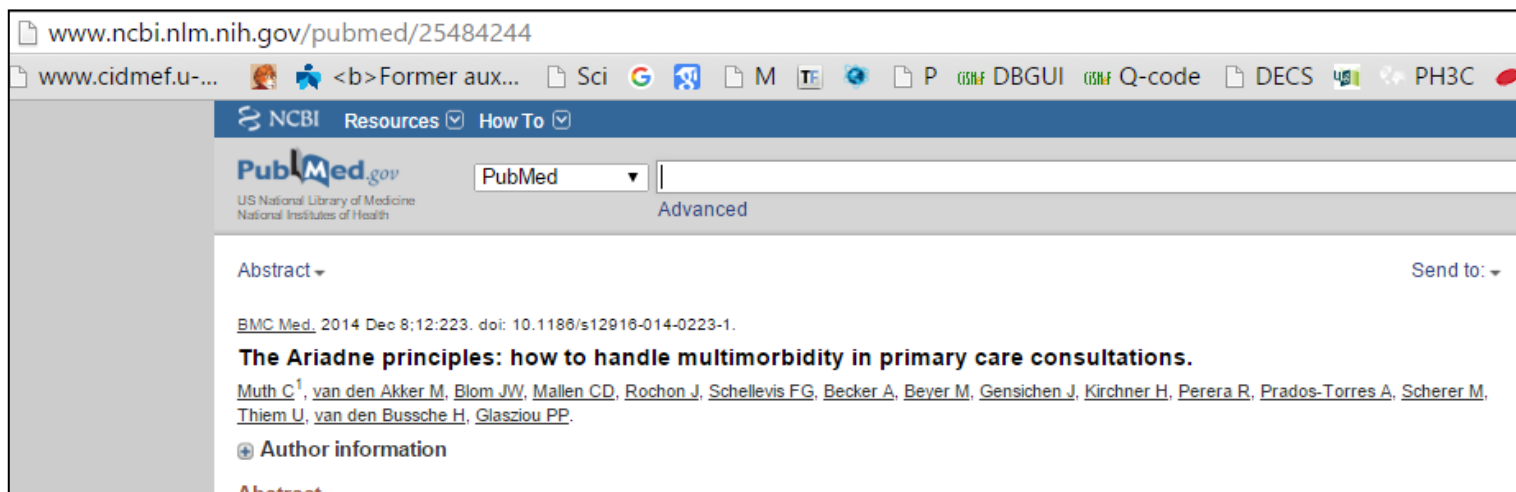
New feature
Try the new Display Settings option - Sort by Relevance

Results by year
[Download CSV](#)

Chaque Q-Code est lié à une ou plusieurs citations en accès libre le concernant



The screenshot shows a web browser window with the address bar containing the URL journals.plos.org/plosone/article?id=10.1371/journal.pone.0135947. The browser's taskbar includes icons for various applications and files, such as 'Sci', 'G', 'M', 'TF', 'P', 'DBGUI', 'Q-code', 'DECS', and 'PH3C'. The PLOS ONE logo is prominently displayed at the top left, with navigation links for 'Publish', 'About', and 'Browse' to the right. Below the logo, the article is identified as 'RESEARCH ARTICLE' and is marked as 'OPEN ACCESS' and 'PEER-REVIEWED'. The main title of the article is 'Multimorbidity and Patient Safety Incidents in Primary Care: A Systematic Review and Meta-Analysis'. The authors listed are Maria Panagioti, Jonathan Stokes, Aneez Esmail, Peter Coventry, Sudeh Cheraghi-Sohi, Rahul Alam, and Peter Bower. The publication date is August 28, 2015, and the DOI is 10.1371/journal.pone.0135947.



The screenshot shows a web browser window with the address bar containing the URL www.ncbi.nlm.nih.gov/pubmed/25484244. The browser's taskbar is identical to the one in the first screenshot. The page displays the PubMed logo and the text 'US National Library of Medicine National Institutes of Health'. A search bar is visible with the text 'PubMed' and a dropdown arrow. Below the search bar, the article is identified as 'Abstract' and is marked as 'Advanced'. The main title of the article is 'The Ariadne principles: how to handle multimorbidity in primary care consultations'. The authors listed are Muth C, van den Akker M, Blom JW, Mallen CD, Rochon J, Schellevis FG, Becker A, Beyer M, Gensichen J, Kirchner H, Perera R, Prados-Torres A, Scherer M, Thiem U, van den Bussche H, Glasziou PP. The publication date is 2014 Dec 8;12:223. The DOI is 10.1186/s12916-014-0223-1. There is a 'Send to:' dropdown menu to the right of the article title.

Chaque Q-Code est lié si possible à Babelnet (lay terminology)



BabelNet

S'IDENTIFIER S'ENREGISTRER

bn:03487424n

ENGLISH

TRADUIRE EN...

RECHERCHE

PRÉFÉRENCES

English

Arabic

Chinese

French

German

Greek

Hebrew

Hindi

Italian

+ toutes les langues préférées



bn:03487424n • NOM • Concept • Catégories: Diseases and disorders

Multiple morbidities · Multimorbidities · Multimorbidity

Multiple morbidities or Multimorbidities is a term which means co-occurring diseases.

IS A: terminology

DÉCOUVREZ LE RÉSEAU

Traductions

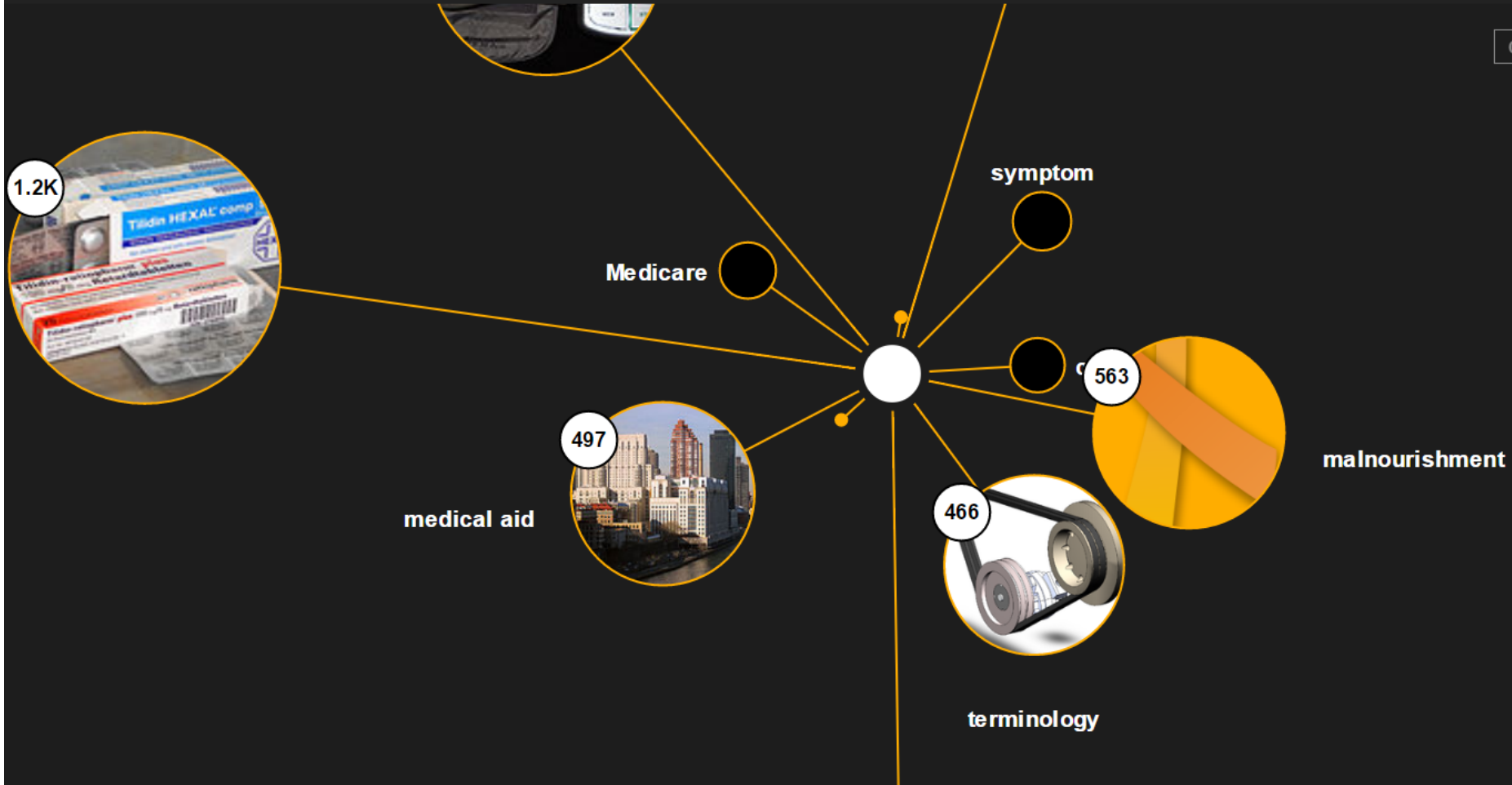
Multiple morbidities, *Multimorbidities*, *Multimorbidity*

- Dictionnaire
- Traductions
- Sources
- Catégories
- Liens externes

LIÉ:

- Diseases of poverty
- malnourishment
- chronic (medicine)
- cardiopathy
- hypertension
- medical aid

12 Semantically related form



Chaque Q-Code est lié si possible à DBpedia(lay terminology)

The screenshot shows a web browser window with the address bar displaying `dbpedia.org/page/Multiple_morbidities`. The page title is "About: Multiple morbidities". Below the title, it states "An Entity of Type : [disease](#), from Named Graph : <http://dbpedia.org>, within Data Space : [dbpedia.org](#)".

The main content area contains a paragraph: "Multiple morbidities or Multimorbidities is a term which means co-occurring diseases. For example, a person could have diabetes and heart disease and high blo".

Below the paragraph is a table with two columns: "Property" and "Value".

Property	Value
<code>dbo:abstract</code>	<ul style="list-style-type: none">Multiple morbidities or Multimorbidities is a term which means co-occurring diseases. For example, a person could have two or more chronic illnesses. Some of the difficulties experienced by patients include: poor coordination of medication, poor adherence to medical treatment, and poor health status. These are common in people who are elderly, malnourished, or poor.
<code>dbo:wikiPageExternalLink</code>	<ul style="list-style-type: none">http://cmcd.sph.umich.edu/managing-multiple-chronic-conditions.html
<code>dbo:wikiPageID</code>	<ul style="list-style-type: none">6428816 (<code>xsd:integer</code>)
<code>dbo:wikiPageRevisionID</code>	<ul style="list-style-type: none">602849980 (<code>xsd:integer</code>)
<code>dbp:hasPhotoCollection</code>	<ul style="list-style-type: none">http://wifo5-03.informatik.uni-mannheim.de/flickrwrappr/photos/Multiple_morbidities
<code>dct:subject</code>	<ul style="list-style-type: none"><code>dbc:Diseases_and_disorders</code>
<code>rdf:type</code>	<ul style="list-style-type: none"><code>owl:Thing</code><code>wikidata:Q12136</code><code>dbo:Disease</code><code>dbo:Medicine</code>
<code>rdfs:comment</code>	<ul style="list-style-type: none">Multiple morbidities or Multimorbidities is a term which means co-occurring diseases. For example, a person could have two or more chronic illnesses.
<code>rdfs:label</code>	<ul style="list-style-type: none">Multiple morbidities
<code>owl:sameAs</code>	<ul style="list-style-type: none"><code>freebase:Multiple morbidities</code>http://wikidata.dbpedia.org/resource/Q1952420http://wikidata.org/entity/Q1952420http://de.dbpedia.org/resource/Multimorbiditat
<code>http://www.w3.org/ns/prov#wasDerivedFrom</code>	<ul style="list-style-type: none">http://en.wikipedia.org/wiki/Multiple_morbidities?oldid=602849980
<code>foaf:isPrimaryTopicOf</code>	<ul style="list-style-type: none">http://en.wikipedia.org/wiki/Multiple_morbidities
<code>is dbo:wikiPageRedirects of</code>	<ul style="list-style-type: none"><code>dbr:Multimorbidities</code><code>dbr:Multimorbidity</code>
<code>is foaf:primaryTopic of</code>	<ul style="list-style-type: none">http://en.wikipedia.org/wiki/Multiple_morbidities

At the bottom of the page, there is a navigation bar with the text: "Browse using: [OpenLink Data Explorer](#) | [OpenLink Faceted Browser](#) Raw Data in: [CXML](#) | [CSV](#) | [RDF](#) ([N-Triples](#) [N3](#)/[Turtle](#) [JS](#))".

Below the navigation bar are logos for "POWERED BY VIRTUOSO", "LINKINGOPENDATA W3C SWIG Community Project", "W3C SPARQL", and "OPEN DATA".

At the very bottom, it says: "This content was extracted from [Wikipedia](#) and is licensed under the [Creative Commons Attribution-NonCommercial-ShareAlike license](#)".

Toute ces données sont accessible sous base Excell et sous toutes les formes que Julien vous expliquera

Ici on voit les codes, les MeSH choisis et les url des citations

	A	B	C	
13	CGP_QC_QC23	QC23	sex difference	http://www.ncbi.nlm.nih.gov/pubmed/25762943 http://www.pec-journal.com/article/S0738-3991(02)00174-X/abstract http://www.ncbi.nlm.nih.gov/pubmed/25028304
14	CGP_QC_QC24	QC24	transgender	http://www.ncbi.nlm.nih.gov/pubmed/22947575 http://www.ncbi.nlm.nih.gov/pubmed/23317072 http://www.ncbi.nlm.nih.gov/pubmed/25004583
15	CGP_QC_QC3	QC3	social high risk	http://www.ncbi.nlm.nih.gov/pubmed/23749458 http://www.ncbi.nlm.nih.gov/pubmed/22409902 http://www.ncbi.nlm.nih.gov/pubmed/25329578 http://www.ncbi.nlm.nih.gov/pubmed/7721596 http://www.ncbi.nlm.nih.gov/pubmed/10626046 http://www.ncbi.nlm.nih.gov/pubmed/23657696 http://www.ncbi.nlm.nih.gov/pubmed/22639799
16	CGP_QC_QC31	QC31	ethnic subgroup	http://www.ncbi.nlm.nih.gov/pubmed/11775671 http://www.ncbi.nlm.nih.gov/pubmed/16342851
17	CGP_QC_QC32	QC32	migrant & refugee	http://www.ncbi.nlm.nih.gov/pubmed/25418563 http://www.biomedcentral.com/1471-2296/8/48 http://www.ncbi.nlm.nih.gov/pubmed/17134491 http://www.ncbi.nlm.nih.gov/pubmed/25108001 http://www.ncbi.nlm.nih.gov/pubmed/20603342 http://www.ncbi.nlm.nih.gov/pubmed/25597365
18	CGP_QC_QC33	QC33	homeless	http://www.ncbi.nlm.nih.gov/pubmed/894420 http://ec.europa.eu/social/main.jsp?catId=1061&langId=en http://www.ncbi.nlm.nih.gov/pubmed/8944208
19	CGP_QC_QC34	QC34	prisoner	http://www.ncbi.nlm.nih.gov/pubmed/25688221 http://www.ncbi.nlm.nih.gov/pubmed/22634816 http://www.ncbi.nlm.nih.gov/pubmed/22987064

Sebastien Rigaux . Multi-label text classification of medical abstracts. Master thesis. ULg. 2015.

Université de Liège - Faculté des Sciences Appliquées



Multi-Label Text Classification of Medical Abstracts

Travail de fin d'études réalisé en vue de l'obtention du grade de
Master en Sciences Informatiques

F-1 score 0,4

Sur base des 500 abstracts analysé pour CNGE 2013 et 2014

Donc pour finir, j'ai une base de connaissance

- Qui vaut ce qu'elle vaut (un seul observateur-vision européenne – nombreux biais possibles)
- Mais dans le genre bottom-up, c'est la seule (précédent; FAMLY 1992 et GP LIT 1998)
- Qui intéresse plein de gens, (d'où le nombre de traductions)
- Surtout les étudiants en médecine de famille
- Qui peut être évolutive
- Qui peut se prêter à la NLP
- J'ai le projet d'en faire un livre (pour les humains sans Internet)
- Et une ontologie (pour les machines)
- Mais ça c'est pour 2017 (pour mes 70 ans 😊)