

17eme atelier du CISP CLUB
Nice 9 et 10 octobre 2014

Prévention quaternaire et terminologie

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PH3C underpins the activities of Wonca International Classification Committee and its web site. WONCA is the World organization of family doctors.



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La club des médecins francophones de la CIP

Quaternary Prevention

Search

The WICC

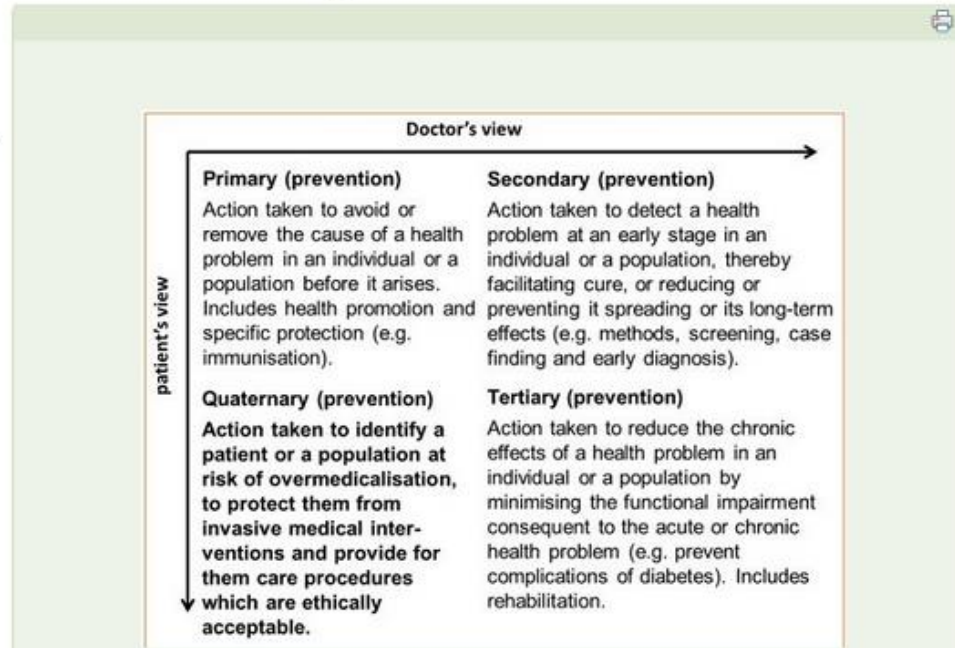
- Aim
- Story
- Rules & Ethics
- Meetings & Annual Reports
- Members & Contacts by countries
- Links to photography
- International cooperation
- Ongoing research works
- Related Classifications
- Contact the WICC
- News

The products

- ICPC
- COOP Charts
- DUSOI
- Dictionary of General Practice
- Quaternary Prevention

Quaternary Prevention


- Story
- Links & mailing lists
- Events
- Bibliography
- Presentations



Links to Quaternary prevention posters:
[Chinese](#), [English](#), [French](#), [Spanish](#), [Portuguese](#), [Thai](#), [Vietnamese](#).

P4 NETWORK

: P4 on WICC web site	http://ph3c.org/p4
Argentina	http://prevencion4.com.ar/ prevencion-cuaternaria@gruposyahoo.com.ar
Belgium	http://docpatient.net/mj/P4_citations.htm
Brazil	groups.google.com/forum/gtprevencaoquaternaria/ gtprevencaoquaternaria@gmail.com Twitter @prevquaternaria www.facebook.com/pages/Prevenção-Quaternária/
Iran	http://earthcitizenshealth.blogspot.com
Spain	SIAP2011@yahoogroups.com www.facebook.com/pages/Prevención-Cuaternaria/
UK	overdiagnosis-group@googlegroups.com
Uruguay	http://estancambiandolostiempos.blogspot.com





Papers about Quaternary Prevention in indexed and non indexed journals

see also : <http://www.prevencion4.com.ar/index.php/bibliografia>

2014

Bajwa SS, Kalra S, Takrouri MS. Quaternary prevention in anesthesiology: Enhancing the socio-clinical standards. *Anesth Essays Res.* 2014;8(2):125. doi:10.4103/0259-1162.134470.

Baruah MP, Kalra B, Kalra S. Quaternary prevention in medical nutrition therapy. *J Med Nutr Nutraceut* [serial online] 2014 [cited 2014 Sep 5];3:173-4. Available from: <http://www.jmnn.org/text.asp?2014/3/2/173/131951>

Bajwa SS, Kalra S, Takrouri MS. Quaternary prevention in anesthesiology: Enhancing the socio-clinical standards. *Anesth Essays Res.* 2014;8(2):125. doi:10.4103/0259-1162.134470. (downloadable as print)

Kalra S, Sahay R, Baruah M. Quaternary prevention in thyroidology. Editorial. *Thyroid Res Pract.* 2014;11(2):43. doi:10.4103/0973-0354.129561.

Kalra B, Malik S. Quaternary prevention and menopause. Editorial. *J Midlife Health.* 2014;5(2):53-4. doi:10.4103/0976-7800.133986.

Gene Tsoi Quaternary prevention (editorial). *Hong Kong Pract.* 2014;36(June):49-50. <http://www.ph3c.org/PH3C/docs/27/000281/0000606.pdf>

Marc Jamouille The four duties of family doctors: quaternary prevention - first, do no harm. *Hong Kong Pract.* 2014;36(june), 72-77. <http://www.ph3c.org/PH3C/docs/27/000281/0000607.pdf>



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EDITORIAL

Year : 2014 | Volume : 8 | Issue : 2 | Page : 125-126

Quaternary prevention in anesthesiology: Enhancing the socio-clinical standards

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Date of Web Publication 16-Jun-2014

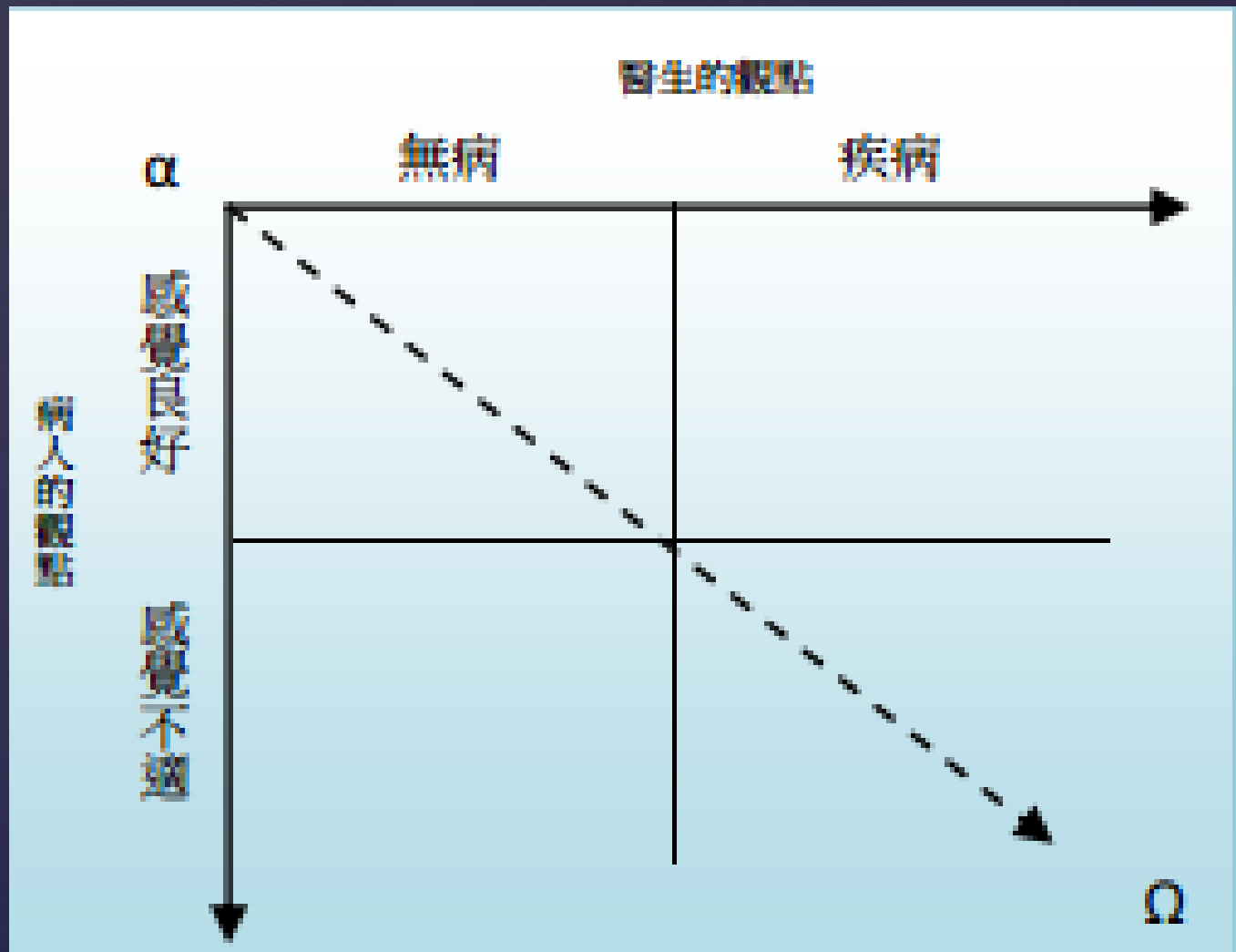


Correspondence Address:

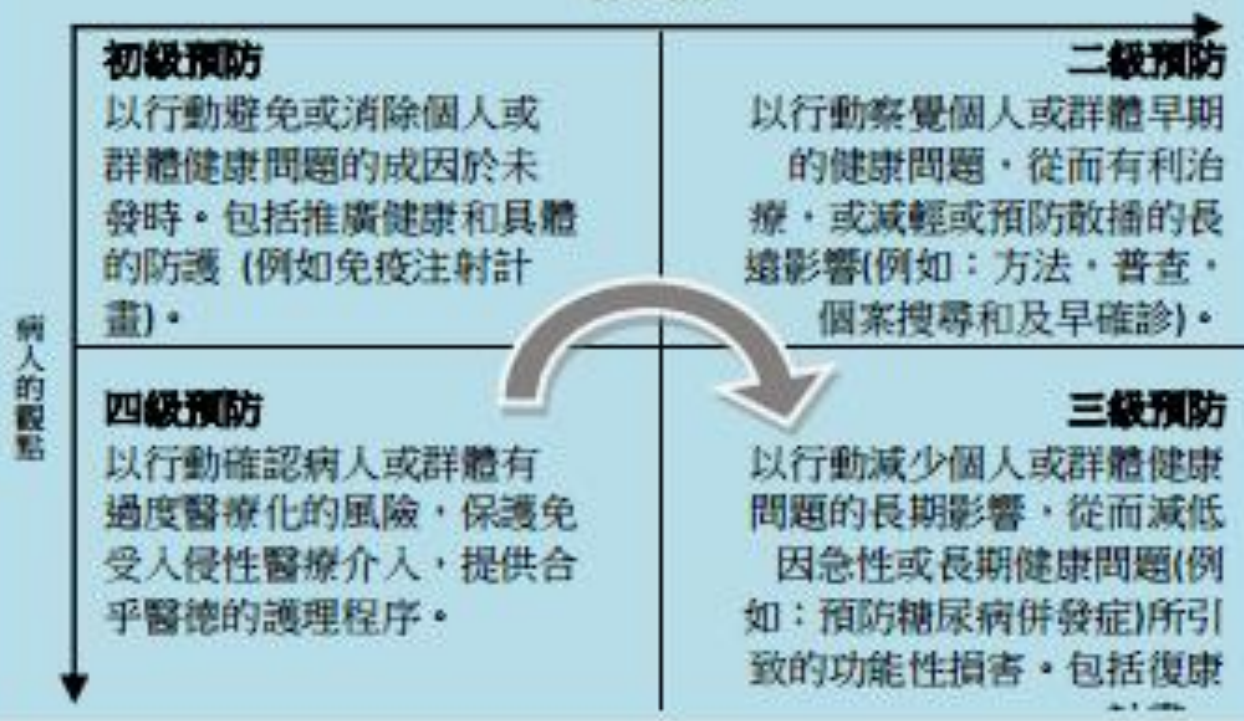
Sukhminder Jit Singh Bajwa

Department of Anaesthesiology and Intensive Care, Gian Sagar Medical College and Hospital, Banur, Punjab
India

CHINA



醫生的觀點



四級預防是更實在的工作。是關於工作時思考如何應用於其他領域（如箭嘴所示），覆蓋項目如過度資訊引致過度醫療化，過度普查，過度診斷，過度治療，亦包括可免的護理，保護病人和一般意義上醫療護理的極限。毫無疑問，被剝奪護理的病人和群體亦在這一領域中覆蓋缺乏醫療化。

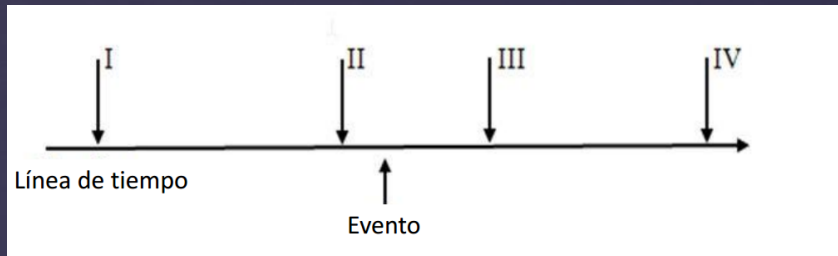
四級預防亦挑戰奇異的診斷如「無病的病- 醫學上不能解釋的病徵- 健康但擔憂 - 難纏的病人- 功能性軀體徵候羣 - 軀體形的障礙 - 疾病引致的不正常行為」(很長的清單)

Les mots de la prevention

Du point de vue terminologique

Révision des descripteurs MeSH utilisés dans les articles
trouvés sur Pubmed en tapant "quaternary prevention"
(texte libre)

Une vue chronologique

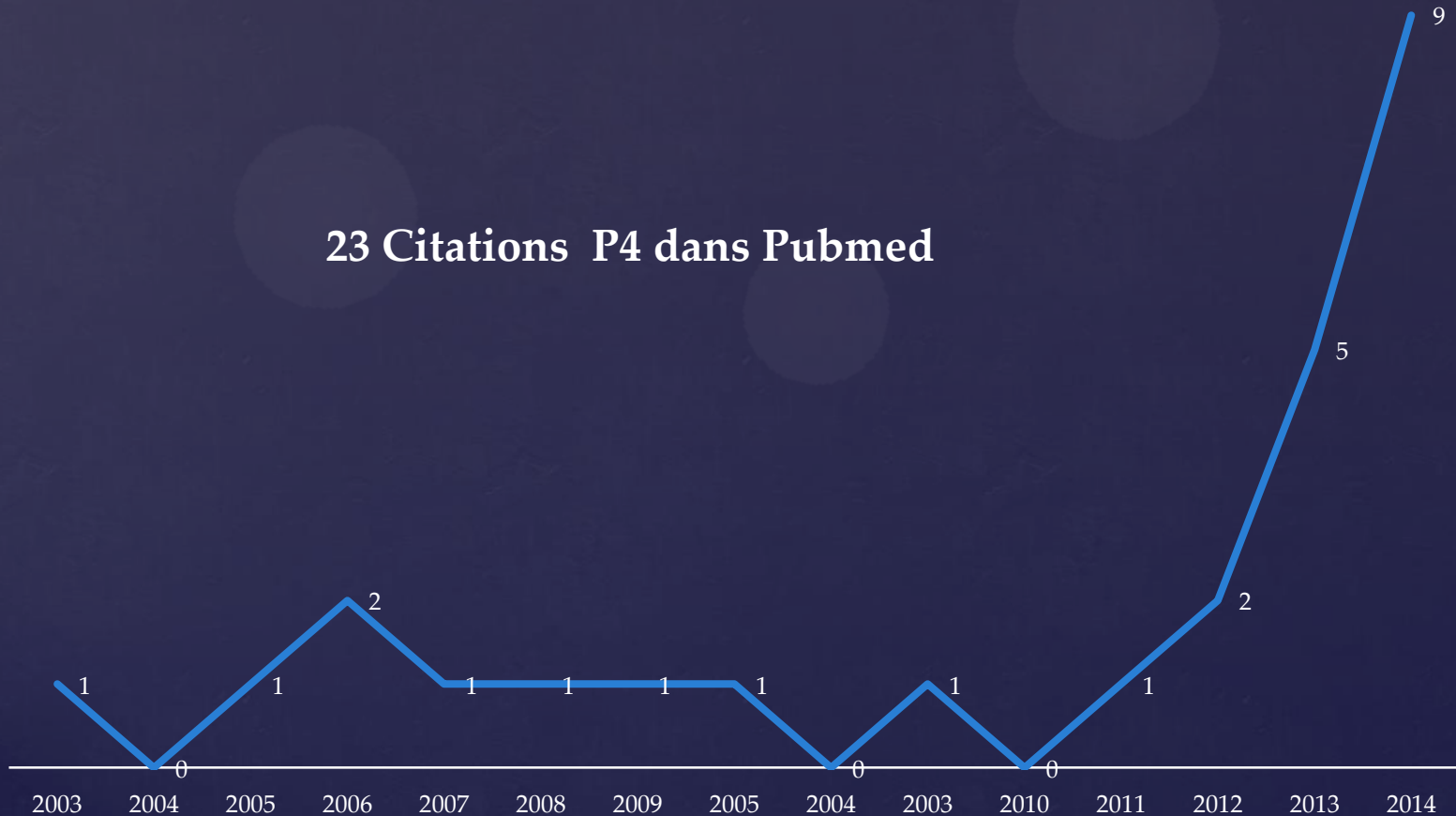


ou constructiviste

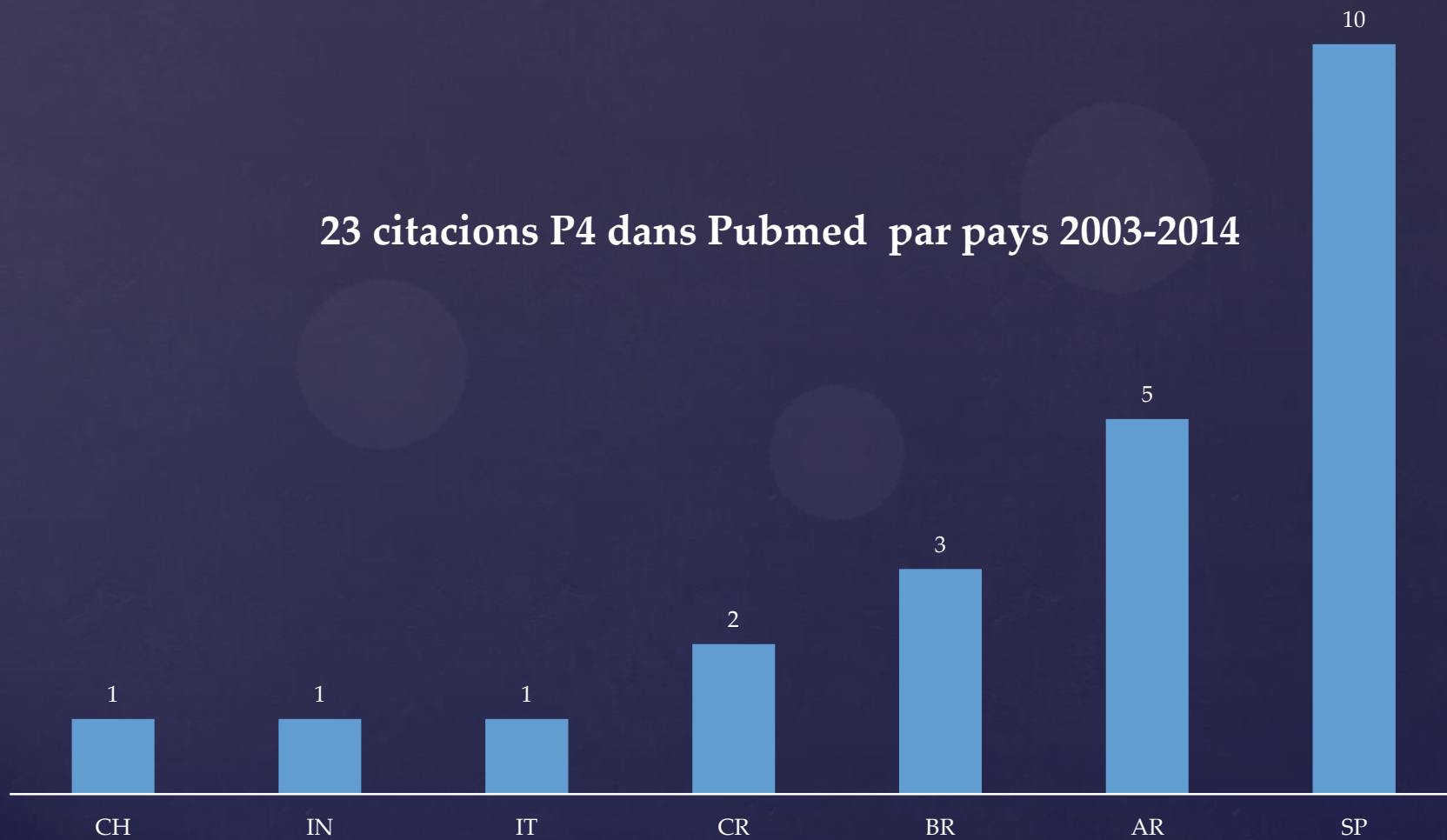
		Perspectiva del médico	
		Sin enfermedad	enfermedad
Perspectiva del paciente	Se siente bien	Prevención primaria Acción realizada para evitar o eliminar el origen de un problema de salud o de una población antes que aparezca dicha enfermedad (ej.: vacunación)	Prevención secundaria Medidas adoptadas para detectar una enfermedad en una etapa temprana, en un individuo o una población, disminuyendo su duración o progresión (p. ej. detección de hipertensión)
	Se siente mal	Prevención cuaternaria Acción implementada para identificar a un paciente o a una población en riesgo de sobremedicalización, protegerlos de intervenciones médicas invasivas, y proponerles procedimientos y/o cuidados éticamente aceptables (ex MBE)	Prevención terciaria Acción realizada para disminuir el efecto de la prevalencia de un problema de salud crónico de una persona o de una población, reduciendo la minusvalía física inducida por el problema de salud agudo o crónico (p. ej. prevención de las complicaciones de diabetes). Incluye rehabilitación

“Quaternary prevention” -> 27 entrées dont 3 se réfère au concept de soins palliatifs


23 Citations P4 dans Pubmed



23 citations P4 dans Pubmed par pays 2003-2014



Il en manque beaucoup!



Scholar Environ 72 600 résultats (0,05 s)

Articles

Ma bibliothèque

Date indifférente

Depuis 2014

Depuis 2013

Depuis 2010

Période spécifique...

Trier par pertinence

Trier par date

Rechercher sur le Web

Rechercher les pages en Français

inclure les brevets

inclure les citations

Créer l'alerte

Conseil : Recherchez des résultats uniquement en Français. Vous pouvez indiquer votre langue de recherche sur la page d'accueil.

The concept of **prevention: a good idea gone astray?**

B Starfield, J Hyde, J Gérvas, I Heath - Journal of epidemiology and ..., 2008 - jech.bmj.com

... The Dictionary of Public Health defined **prevention** similarly, but conceded that the distinction between levels "is more artificial than real".⁴ A recent addition to the lexicon of **prevention** is "**quaternary prevention**". The world organisation ...

Cité 135 fois [Autres articles](#) [Les 13 versions](#) [Citer](#) [Enregistrer](#)

[CITATION] Quaternary prevention: a new look at an old challenge.

ON Gofrit, J Shemer, D Leibovici, B Modan... - The Israel Medical ..., 2000 - ncbi.nlm.nih.gov

1. Isr Med Assoc J. 2000 Jul;2(7):498-500. **Quaternary prevention: a new look at an old challenge.** Gofrit ON, Shemer J, Leibovici D, Modan B, Shapira SC. Department of Urology, Hadassah University Hospital, Jerusalem, Israel. ...

Cité 19 fois [Autres articles](#) [Les 2 versions](#) [Citer](#) [Enregistrer](#)

[CITATION] Quaternary prevention: a task of the general practitioner

T Kuehleln, D Sghedoni, G Visentin, J Gérvas... - Primary Care, 2010

Cité 17 fois [Autres articles](#) [Citer](#) [Enregistrer](#)

[PDF] Quaternary prevention

[M Jamouille](#), M Roland - Hong-Kong Meeting of the Wonca Classification ..., 1995 - ph3c.org

Those in group II who are picked up as positive during a screening test will join group III. Some in group I or II who are overly sensitive or who are the victims of misconceived preventive medicine will join the hypochondriacs in group IV on whom research will be ...

Cité 9 fois [Autres articles](#) [Les 2 versions](#) [Citer](#) [Enregistrer](#) [Plus](#)

www.ncbi.nlm.nih.gov/pubmed/22980749

NCBI Resources How To

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

PubMed [dropdown] [input]
Advanced

Display Settings: [x] Abstract Send to: [dropdown]

Rev Esp Geriatr Gerontol, 2013 Jan-Feb;48(1):49. doi: 10.1016/j.regg.2012.04.003. Epub 2012 Sep 13.

[Communication, mass media and quaternary prevention].

[Article in Spanish]
Bernardini-Zambrini DA.

PMID: 22980749 [PubMed - indexed for MEDLINE]


[f](#) [t](#) [+](#)

Publication Types, MeSH Terms

Publication Types
Letter

MeSH Terms
Aged
Communication*
Geriatrics*
Humans
Mass Media*
Preventive Health Services*

LinkOut - more resources



On va voir les MeSH

Como se hace la indexacion?

Medline descriptors of the 2003 paper of Liverani about
The four steps in the prevention of human papillomavirus-associated neoplasia:

Early Detection of Cancer*

Humans

Neoplasms/diagnosis

Neoplasms/**prevention & control***

Neoplasms/therapy

Neoplasms/virology*

Papillomaviridae*/physiology

Papillomavirus Infections/complications

Papillomavirus Infections/diagnosis

Papillomavirus Infections/**prevention & control***

Papillomavirus Vaccines

Practice Guidelines as Topic

Precancerous Conditions/diagnosis

Precancerous Conditions/therapy*

Quaternary prevention, a term not yet included in the Medical Subject Heading (MESH)].

De Vito EL.

Health Services Misuse

Humans

Medical Subject Headings*

Medicalization

Preventive Health Services/methods*

Terminology as Topic

Chronological sense

Diabetes prevention: perspectives and actions of one company.

Moses AC¹, Mawby M, Phillips AM.
2013

the concept of prevention in terms of diabetes care runs the gamut from interventions used to avoid disease in individuals without risk factors (primordial prevention) to prevention of the consequences of established complications (quaternary prevention).

Cost of Illness

Diabetes Mellitus, Type 2/economics

Diabetes Mellitus, Type 2/epidemiology

Diabetes Mellitus, Type 2/prevention & control*

Disease Progression

Health Care Costs

Hospitalization/economics

Hospitalization/statistics & numerical data

Humans

Mass Screening/methods

Prediabetic State/diagnosis

Prediabetic State/epidemiology

Prediabetic State/therapy*

Quality of Health Care*

Risk Factors

United States/epidemiology

World Health

Les MeSH se référant à la prévention des 23 articles:

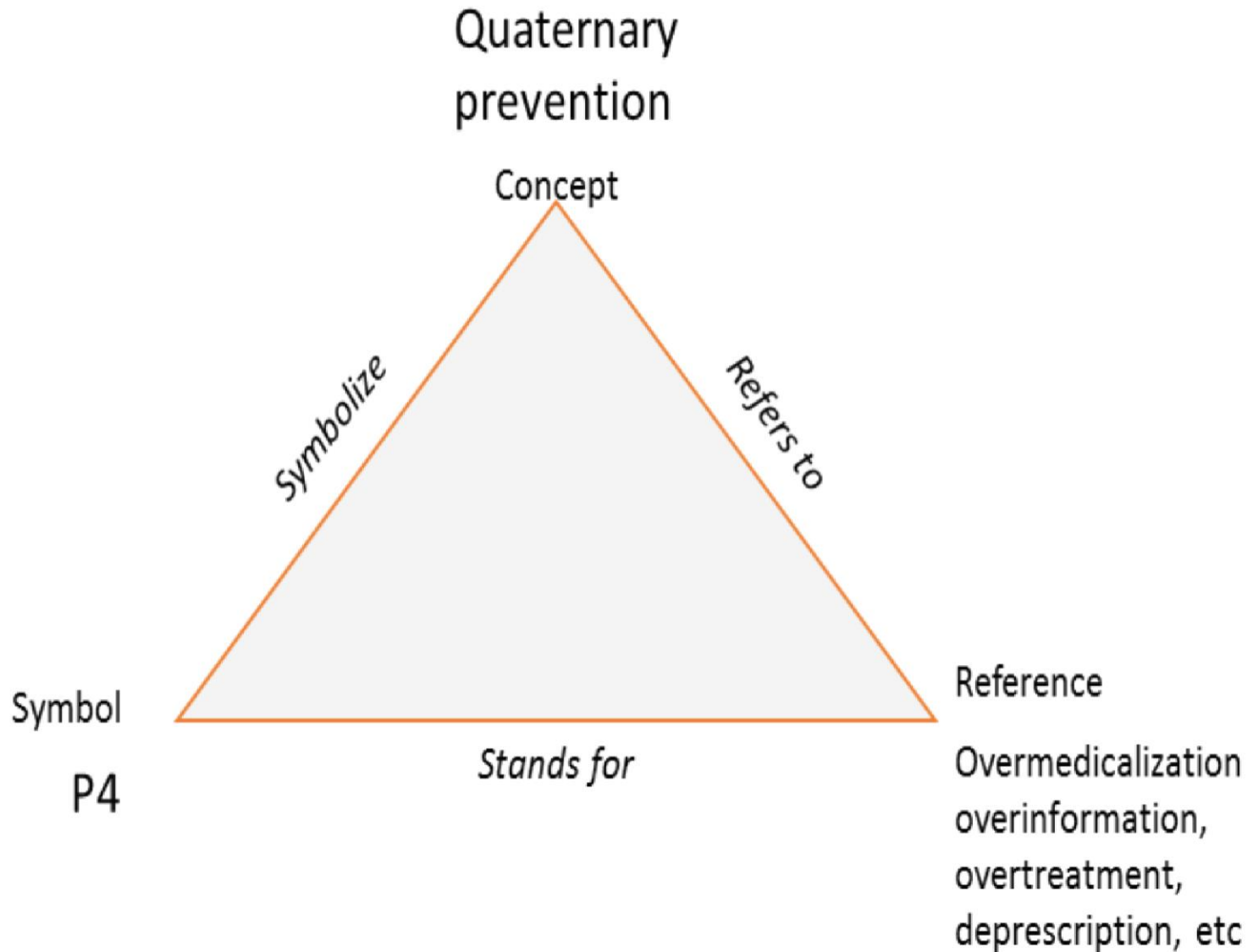
- /prevention & control
- **Iatrogenic Disease** /prevention & control*
- Preventive Medicine/organization & administration*
- Risk Assessment
- **Unnecessary Procedures***/
- Preventive Health Services*
- **Patient Harm** /prevention & control*
- Early Detection of Cancer*
- Neoplasms/prevention & control*
- Papillomavirus Infections/prevention & control*
- **Medicalization**

Don, on a des problèmes d'indexation dans Medline.

La médecine de famille n'est pas bien représentée

Il s'agit d'un changement
paradigmatique d'une vue
chronologique vers une vue
constructiviste basée sur la relation
médecin patient

Comme la prévention est vue comme
une construction conjointe entre
patient et médecin les termes doivent
venir de sources laïques autant que
professionnelles



Saturday, October 11, 2014

Trying to link to MeSH but

“Some terms commonly used in the field of family medicine do not appear in Medical Subject Headings (MeSH). The FAMLI thesaurus has been designed to act as a bridge between these terms and the MeSH headings used in FAMLI.” {Dunikowsky1992}

“Because MeSH originally was intended for use with clinical documents, the problem has always been how to adapt it to cover the range of a family physician’s non-clinical activities” (Dunikowsky²¹ personal communication Aug 2014)

bienvenido al mundo semántico

MESH http://www.nlm.nih.gov/mesh/2014/mesh_browser/MBrowser.html

WORDNET <http://wordnetweb.princeton.edu/>

BABELNET <http://babelnet.org/>

NLM <https://uts.nlm.nih.gov>

BIOPORTAL <http://bioportal.bioontology.org/>

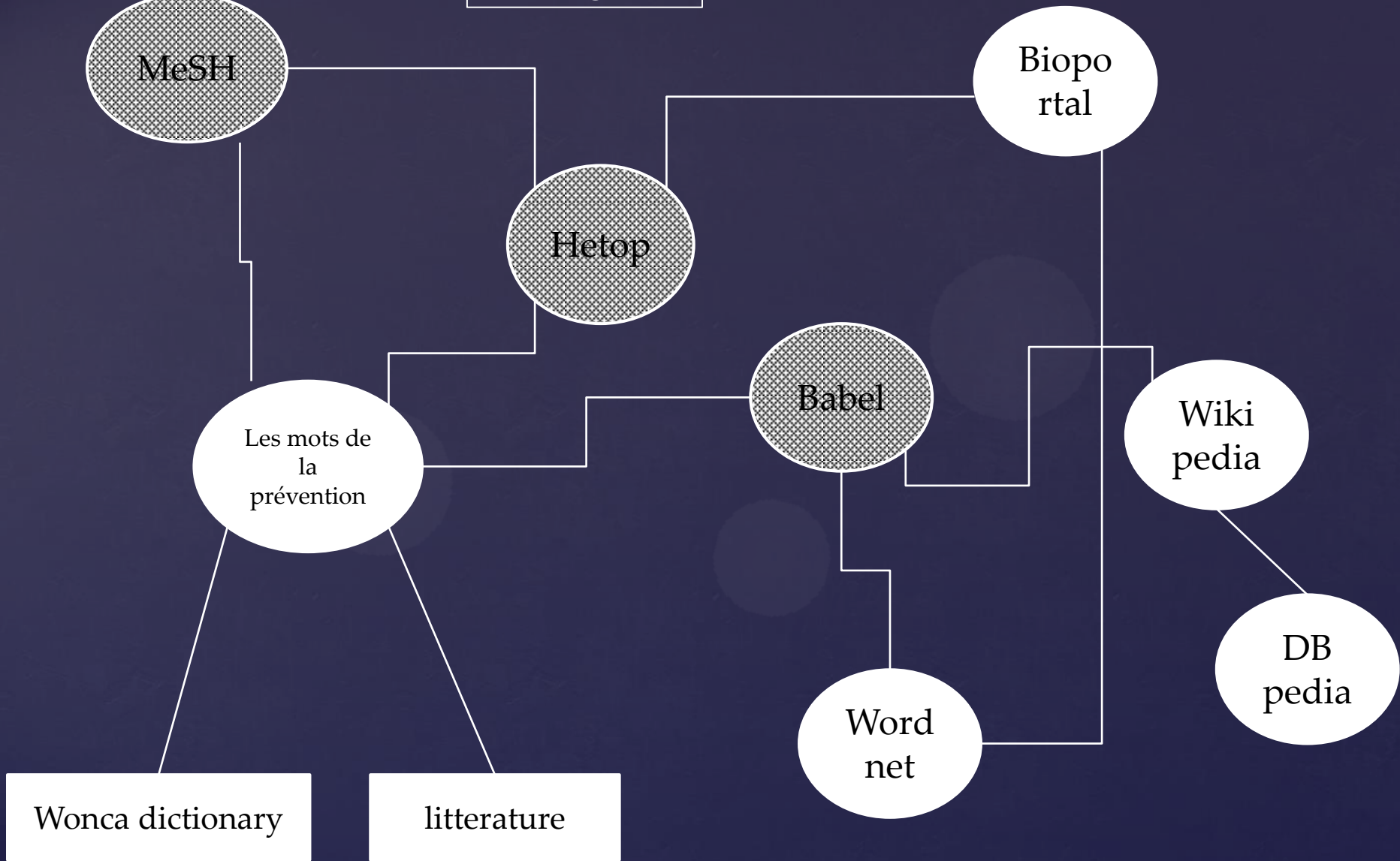
HETOP <http://hetop.eu/>

3CGP 2007 <http://docpatient.net/mj/wonca2007/3CGPFMdeskcopy.pdf>

Visual thesaurus <http://www.visualthesaurus.com/>

- Wonca dictionary
- Google scholar Wikipedia DBpedia

Linking data



3CGP

Definition
Wonca dic. if any

Definition other
(source)

Domain

Category

Rubrics

Code

Is a

Has definition

Is related to

Link MeSH if any

Link Hetop if any

Link Babelnet if any

Mots de la
prévention

Has excl

consider

Excl criteria

Consider 3CGP

Consider ICPC

Terminology
Ex out of visualthesaurus

Action taken to avoid or remove the cause of a health problem in an individual or a population before it arises. Includes health promotion and specific protection (e.g. immunization).(Wonca dic.)

MeSH
 68011315 preventive medicine~;
 68011322 Primary prevention ~;
 68011314 Preventive health service;
 68006293 Health Promotion ;
 68006266 Health education;
 68007114 Immunization;
 68014611 vaccination;
 68011291 Premarital examination;

3CGP

Doctor's issue

Agent of prevention

Prevention

3C:QD41

Has definition

• conceptually_related_to

Hetop

Is a



Primary prevention

bn:
 bn:02512112n Health promotion ;
 bn:00046044n Immunization;
 bn:00046839n Vaccination;
 bn:00026980n Education ~;
 bn:00037703n Genetic testing;

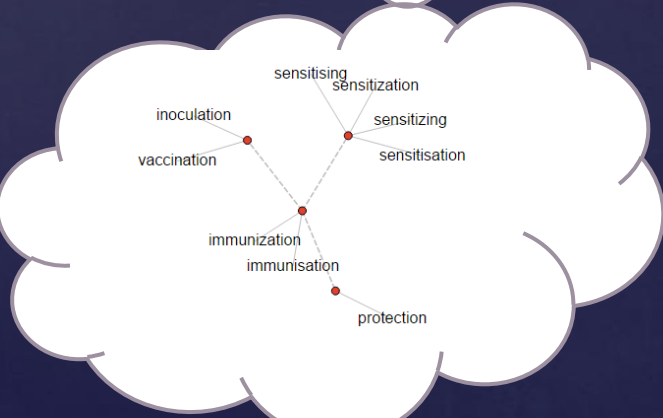
Has excl

QD42: QD43: QD44:

Has consider

QD23 health education

25



Action taken to reduce the chronic effects of a health problem in an individual or a population by minimizing the functional impairment consequent to the acute or chronic health problem (e.g. prevent complications of diabetes). Includes rehabilitation.(Wonca dic.)

Tertiary prevention attempts to reduce the damage caused by symptomatic disease by focusing on mental, physical, and social rehabilitation [...] the objective of tertiary prevention is to maximize the remaining capabilities and functions of an already disabled patient.(Wikipedia)

3CGP

Doctor's issue

Agent of prevention

Prevention

3C:QD43

Has definition

conceptually_related_to

MeSH
68055502 Secondary prevention
68055512 Tertiary prevention
81000150 Complications ~
68012046 Rehabilitation

MSH_D_012046.nu rehabilitation

bn:
bn:00066949n Rehabilitation

Excl QD41: QD42: QD44:

Has excl

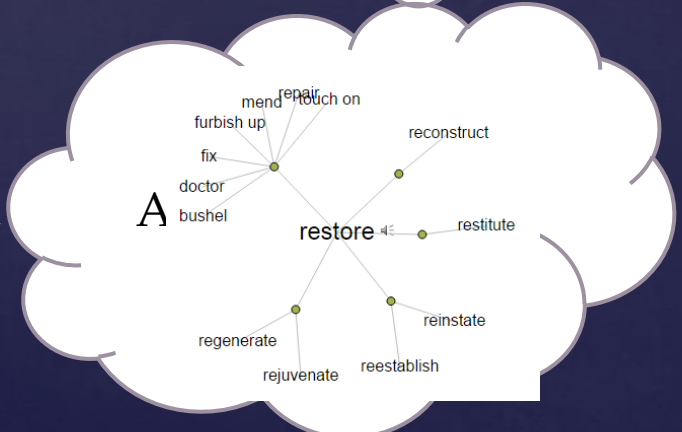
Has consider

Consider
81000009 Adverse effect
ICPC:A87 Complication of
medical treatment

Is a

Tertiary prevention

27



Action taken to identify patient at risk of overmedicalisation, to protect him from new medical invasion, and to suggest to him interventions, which are ethically acceptable. (Wonca dic.)

3CGP

Doctor's issue

Agent of prevention

Prevention

3C:QD44

Has definition

Is a

Quaternary prevention

conceptually_related_to

68062528 medicalization ~

MSH_D_062528.nu medicalization

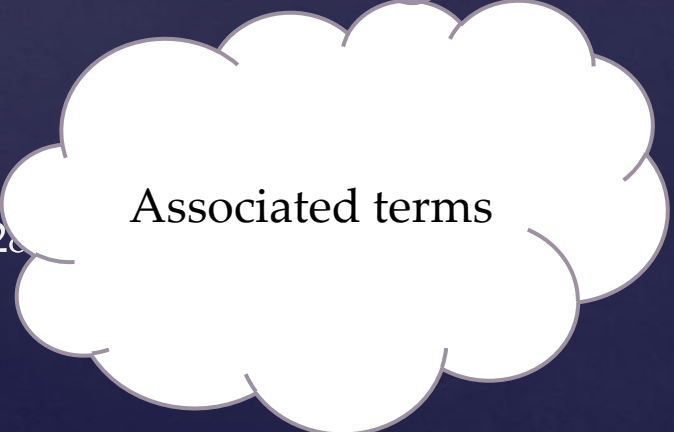
bn:00574231n Overmedicalization
bn:02698680n Overdiagnosis
bn:02354871n Disease mongering
bn:01657979n shared decision making

Has excl

Excl 3C:QD41; 3C:QD42; 3C:QD43;

Consider

Consider 3C:QD44X



20

Definition Wonca dic. none

Disease mongering is a pejorative term for the practice of widening the diagnostic boundaries of illnesses, and promoting public awareness of such, in order to expand the markets for those who sell and deliver treatments, which may include pharmaceutical companies, physicians, and other professional or consumer organizations.(Moynihan 2002)

3CGP

Doctor's issue

Agent of prevention

Prevention

Quaternary prevention

3C:QD44X

29

Has definition

Is a

Disease mongering

conceptually_related_to

Link MeSH none

Link Hetop none

bn:02354871n Disease mongering

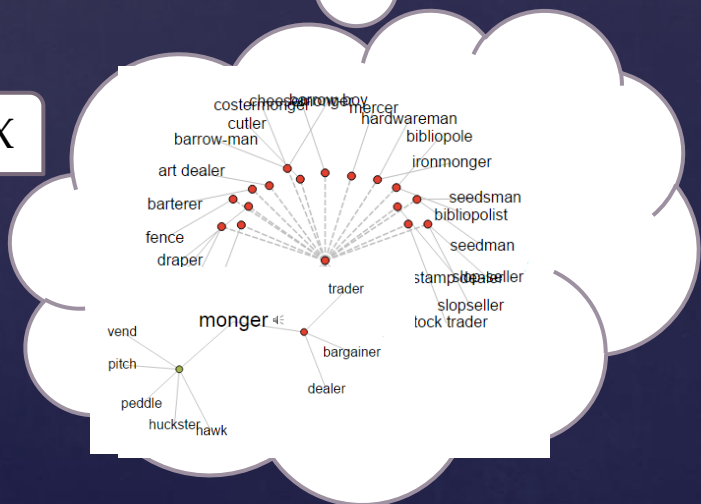
Has excl

Excl

consider

3CGP

ICPC



A process by which nonmedical problems become defined and treated as medical problems, usually in terms of illnesses, or disorders. (Annu Rev Sociol 1992 18:209) (MeSH)

Medicalization consists of defining a problem in medical terms, using medical language to describe a problem, adopting a medical framework to understand a problem, or using a medical intervention to 'treat' it. This is a sociocultural process that may or may not involve the medical profession, lead to medical social control or medical treatment, or be the result of intentional expansion by the medical profession.(Conrad 1992)

3CGP

Doctor's issue

Agent of prevention

Prevention

Quaternary prevention

3C:QD44X

Has definition

conceptually_related_to

68062528 medicalization ~

MSH_D_062528.nu medicalization

bn:00574231n overmedicalization

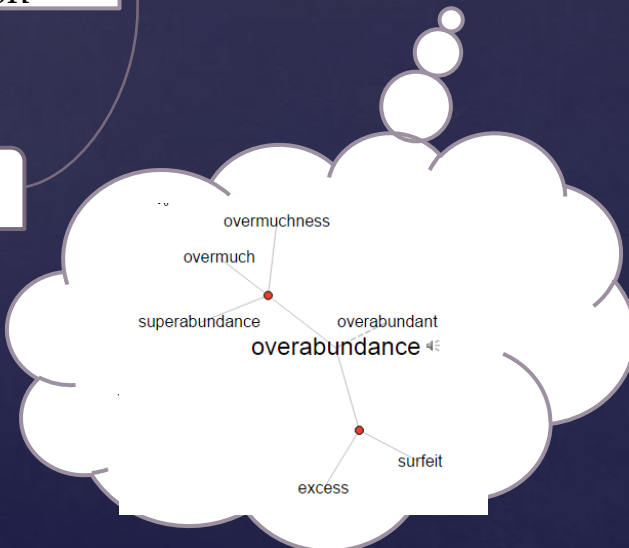
consider

3C:QD44X

Is a

Over medicalisation

30



Shared decision making has been defined as a process by which healthcare choices are made jointly by the physician and the patient (Towle. BMJ 1999, 319(7212):766-771.)

Shared decision making is a process designed to push education decisions to the school level, where those closest to children may apply their expertise in making decisions that will promote school effectiveness and ensure that the most appropriate services are provided to students and the school community. (Liontos 1993)

Shared decision making is an approach where clinicians and patients communicate together using the best available evidence when faced with the task of making decisions, where patients are supported to deliberate about the possible attributes and consequences of options, to arrive at informed preferences in making a determination about the best action and which respects patient autonomy, where this is desired, ethical and legal.(Wikipediz)

Has definition

Is a

Shared decision making

68003657 Decision making

MSH_D_003657.nu Decision making

conceptually_related_to

bn:01657979n shared decision making

consider

3C:QDXX problem solving;
QDXX Communicator

Saturday, October 11, 2014

3CGP

Doctor's issue

Agent of prevention

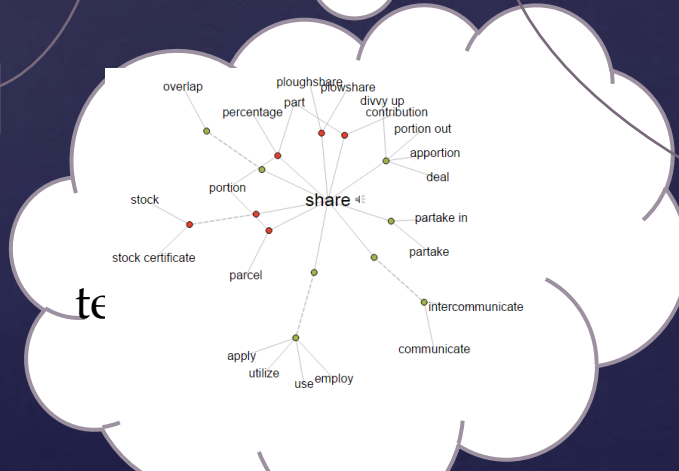
Prevention

Quaternary prevention

3C:QD44X

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tc



Le langage est le meilleur et pire mais il est le passage obligé entre le cerveau humain et l'ordinateur

Raquel Cardoso (Brasil), Enrique Gavilan (España) Miguel Pizzanelli (Uruguay) et Mariana Mariño (Argentina) ont commencé a étudié les mots de la prévention

Si quelqu'un est intéressé à travailler avec nous, bienvenue!