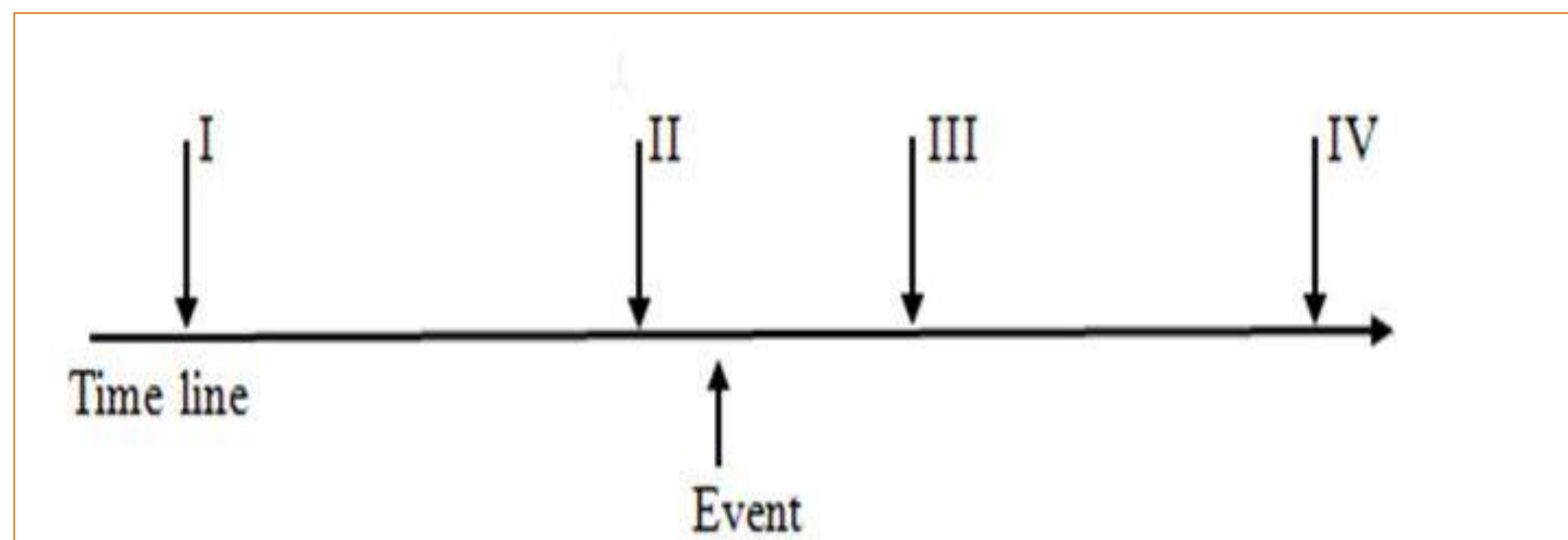


Quaternary prevention

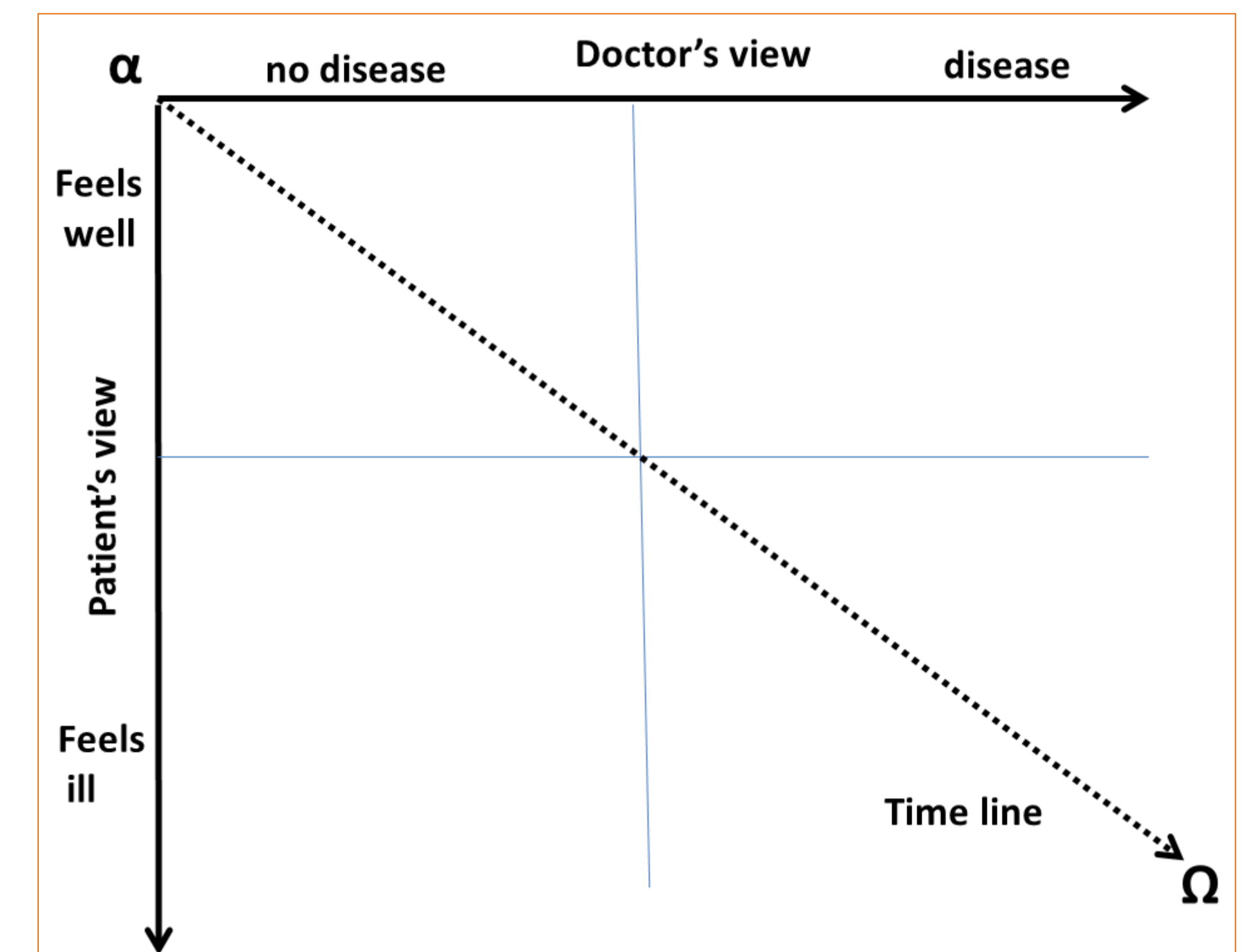
From Wonca world Hong Kong 1995 to Wonca world Prague 2013

Marc Jamouille, IRSS-UCL & Michel Roland, DMG-ULB . General practitioners, Belgium



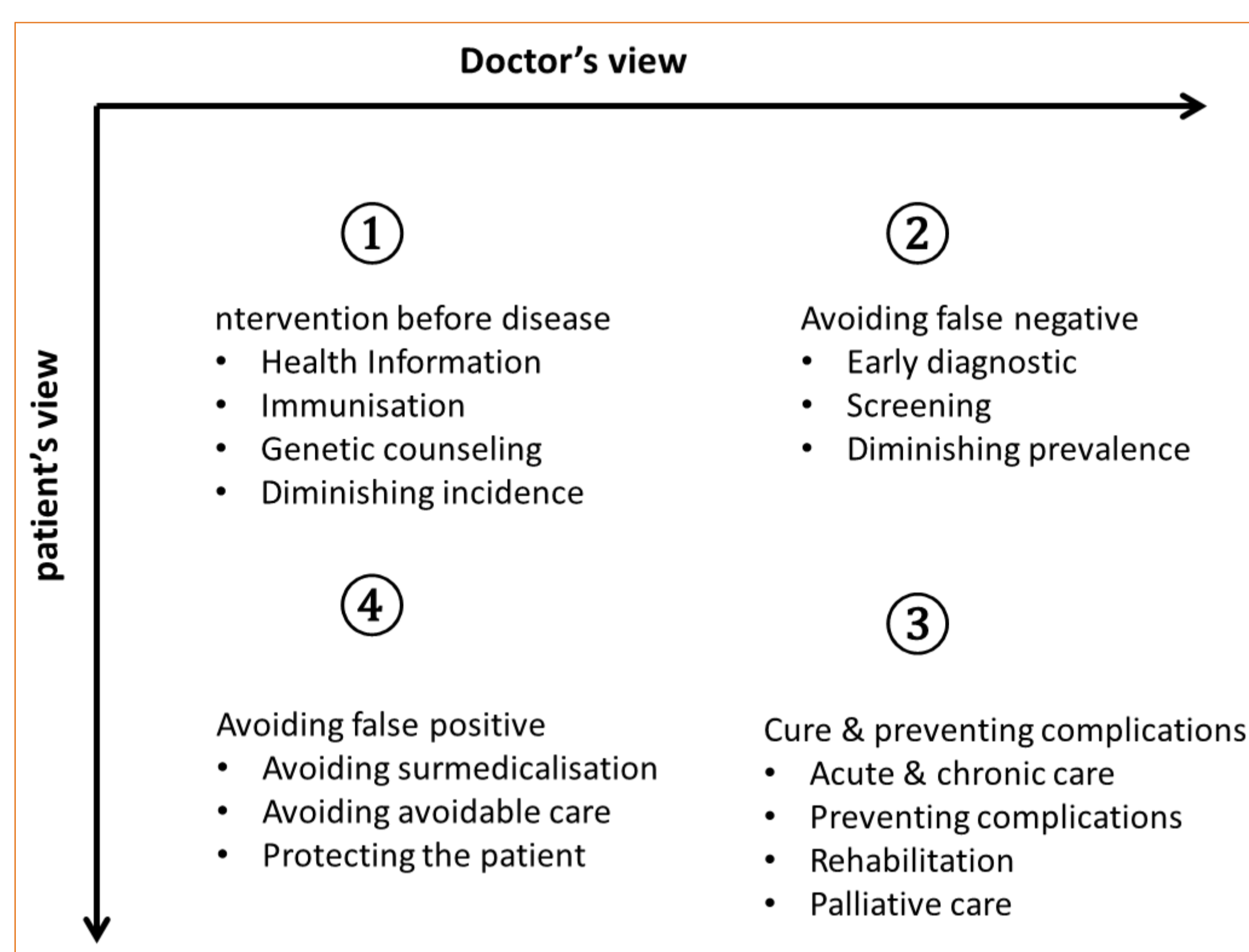
Traditionally, clinical prevention is conceptualized as a medical activity before or after the occurrence of a condition. Primary prevention is used before any problem arises and encompass health education and promotion. The place of secondary prevention is unclear, sometimes used by cardiologists as prevention after an event. Tertiary is not really in use and quaternary has been proposed for palliative care. In this view, the patient is the object of care along time line. The condition is central.

1986



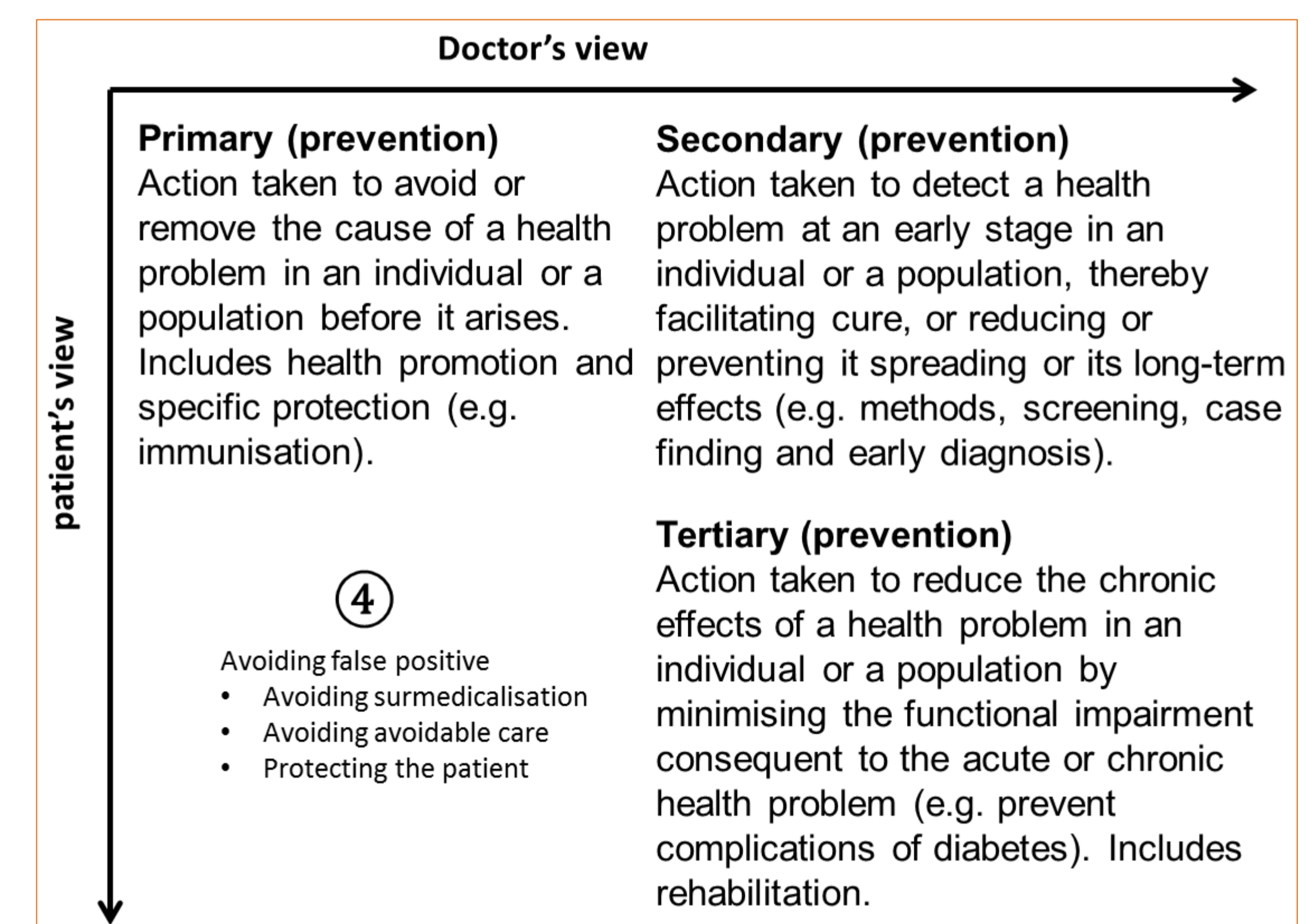
In this model, built on the 2x2 crosstab model, prevention is presented as the result of the relationships between patient and doctor. The doctor is looking for disease while the patient will feel sick one day. The 2x2 crosstab model allows representing 4 fields of activities along the time line which includes traditional preventive ones. In this view, time line cross the two folds table. Working along the time line, called also prevention, is the bread and butter of family doctor along the life of the patients and patients and doctors will meet at the end, suffering and dying together (point Ω)

1995



Presented at Hong Kong Wonca world 1995, the 2x2 crosstab model, built on the patient doctor relationships, allows to define four fields of activities in GP/FM including also preventive activities along the time line.

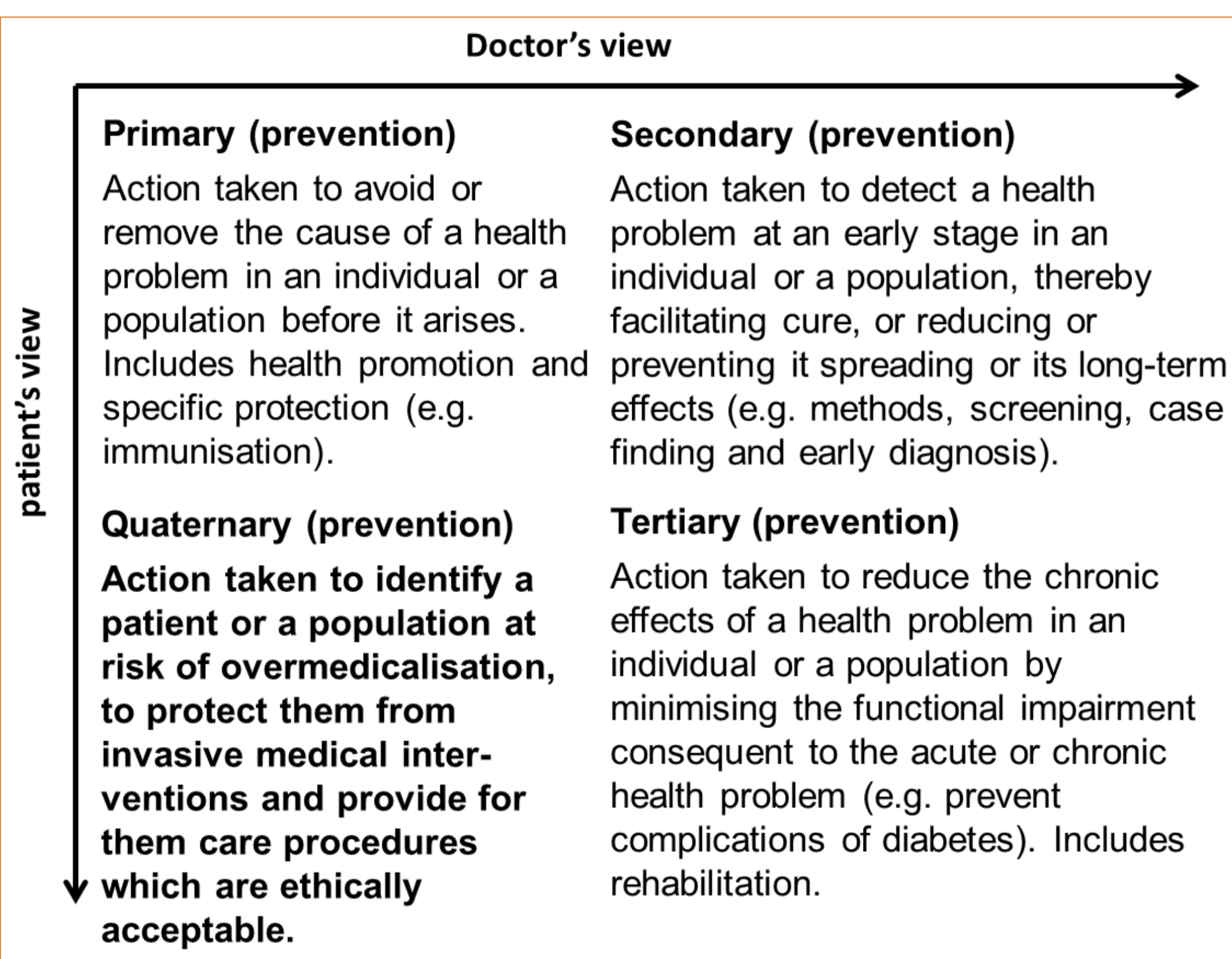
1999



The 3 definitions of Primary, Secondary and Tertiary prevention already published in 1995 in the Wonca glossary of GP/FM fit perfectly in the 2x2 crosstab model.

The definition of the missing field, the fourth one, called Quaternary Prevention, proposed at the Durham WICC meeting has been endorsed by the whole WICC group by standing ovation and edited in the Wonca dictionary of GP/FM in 2003

2003



Quaternary prevention is more than a factual activity. It's a way of thinking about the job which applies in the other fields too (as shown by the arrow), covering such items as overmedicalisation by overinformation, overscreening, overdiagnosis, overtreatment, as well as avoidable care, protection of the patient and more generally the limits of medical care. Implicitly, patients and populations deprived of care are also in this field which covers undermedicalisation too.

P4 challenges also such strange diagnostics as « No disease disease - Medically unexplained symptoms - Worried well - Difficult patient - Functional somatic syndromes - Somatoform disorder - Abnormal illness behaviour (unlimited list)

Quaternary prevention concept is spreading quickly worldwide

2008 Adopted by European Union of General Practitioners (UEMO)

2009 Workshop at Basel Wonca Europe congress

2010 Conference at Brazilia

2010 Conference at French congress of GP/FM, Nice (fr)

2011 SIAP Seminar by Equipo Cesca at Barcelona (sp)

2012 Seminars at Buenos Aires, Mendoza & Rio de la Plata (ar)

2013 Seminars at Harvard (us), Lausanne (ch) & Paris (fr)

2013 Opening session of the annual congress of SBMFC, Belem (br) & APMGF, Covilhã (po)

2013 Workshop at Prague Wonca world congress

A quick growing P4 network

- WICC <http://ph3c.org> Quaternary prevention rubric
- Argentine <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/Preven%C3%A7%C3%A3o-Quatern%C3%A1ria/
- Iran <http://earthcitizenshealth.blogspot.com>
- Spain SIAP2011@yahoogroups.com
- Uruguay www.facebook.com/pages/Prevenci%C3%B3n-Cuaternaria/

Main citations

- Jamouille, M. [Computer and computerisation in general practice]. *Les informagiciens* (pp. 193–209). Presses Universitaires de Namur. 1986
- Wonca International Classification Committee. An international glossary for general/family practice. WONCA Classification Committee. *Family Practice*, 12(3), 341–369. 1995
- Jamouille M, Roland M. Quaternary prevention. WICC annual workshop Hong Kong: Wonca congress proceedings. 1995
- Bentzen N. Wonca Dictionary of General/Family Practice. Maanedsskr. Copenhagen. 2003