

Health data standardisation

Workshop on the implementation of the joint use of ICD-11 and ICF
for chronic pain care and management
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ICF practice in Belgium

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Disclosure Statement of conflict of interest in the context of the subject of this presentation

Within the past 12 months, I or my spouse/partner have had following financial interest/arrangement(s) or affiliation(s)

Omer VANHAUTE

- Support for travelNone
- Honoraria for lecturesNone
- Honoraria for advisory board activitiesNone
- Participation in clinical trialsNone
- Research fundingNone
- Financial shares and optionsNone
-None

Back in time ...

- Beginning 20st century: systems theory focuses on the complexity, mutual dependance and hierarchy “in-between” systems
- G.L. Engel (1977): The need for a new medical model: a challenge for biomedicine. *Science* 196, 129-136
- May 22nd, 2001 World Health Assembly: ICF as the international standard to describe and measure health and disability as complementary to the biomedical ICD classification

but meanwhile...

ICF education in Belgium

- (Very) few standard curricula or inter-university courses in medicine or health sciences.
- Regarding ICF:
 - Medicine: notions (1st master rehabilitation, “health and society” (GP), ...)
 - Physiotherapy: integrated during complete curriculum (classification, case studies, internships, ...)
 - Occupational therapy: integrated during complete curriculum
 - Speech technology: integrated during complete curriculum
 - Dietetics: absent
 - Nursing (sciences): absent
 - Social work: pin-point lectures

ICF current use in Belgium

(with focus on pain care and management)

- Patient care
- Data collection
- Health and social welfare policy

ICF use in Belgium: patient related use

- Very little known
- 2 master theses (2019):
 - Rehabilitation hospitals in Flanders
 - Community health care centers in Flanders and Brussels region
- Survey Public Service Health in Multidisciplinary Pain Clinics (Belgium 2019, n=35)

ICF use in Belgium: patient related use

Community health care centers

- Multidisciplinary concept around GP's. (n=18)
Community focused and mostly in urbanized and “poor” quarters
- Low response (n=23 individuals)
- 25% indicate to be familiar with ICF (6/23) with only 4/23 to use it

ICF use in Belgium: patient related use

Multidisciplinary Pain Clinics

- n=35, equally spread in respect to citizen density
Start in 2013 as part of a comprehensive “Pain policy in Belgian hospitals” after numerous ad-hoc pilot initiatives
- Government contracts with BPS approach as a condition
- High variability in experience (\neq expertise), case load, case mix, ...
- High response (34/35 MPC medical coordinators)
- 50 % indicates “any” use of ICF, but ...
 - limited to the patients’ intake (7/17) and multidisciplinary discussion (7/17)
almost no in rehabilitation progression (3/17), none in (standardized) reporting
 - limited to the scheme components and categories
no use of core sets, nor qualifiers

ICF use in Belgium: patient related use

Multidisciplinary Pain Clinics

Main barriers:

- Time investment
- Core sets too complex
- Digital support (EPR integration) with re-use of existing data
- Need for an offer for continuous education
- When BPS approach, worst score remains in the use of patient-environmental issues

ICF use in Belgium: data collection

- ICD:
 - Registration only mandatory for hospitalized patients
 - Medical diagnoses and severity in function of hospital financing and programming
- ICF:
 - As no structuralized use, no structuralized registration
 - 2 independent pilot projects of implementation and feasibility of integration in the hospital Electronic Patient Record (Univ Hosp of Leuven and Ghent)
- No translational dataflow between healthcare IT-systems

ICF use in Belgium: policy initiatives

- Motivational reports for financing and providing mobility aids in Flanders (i.e. electronic wheelchair) and technical assistance for disability in Wallon region
- Knowledge center professional reintegration (National Institute for Health and Disability Insurance – NIHDI)
- Dual case management in professional guidance programs (2018)

ICF in Belgium

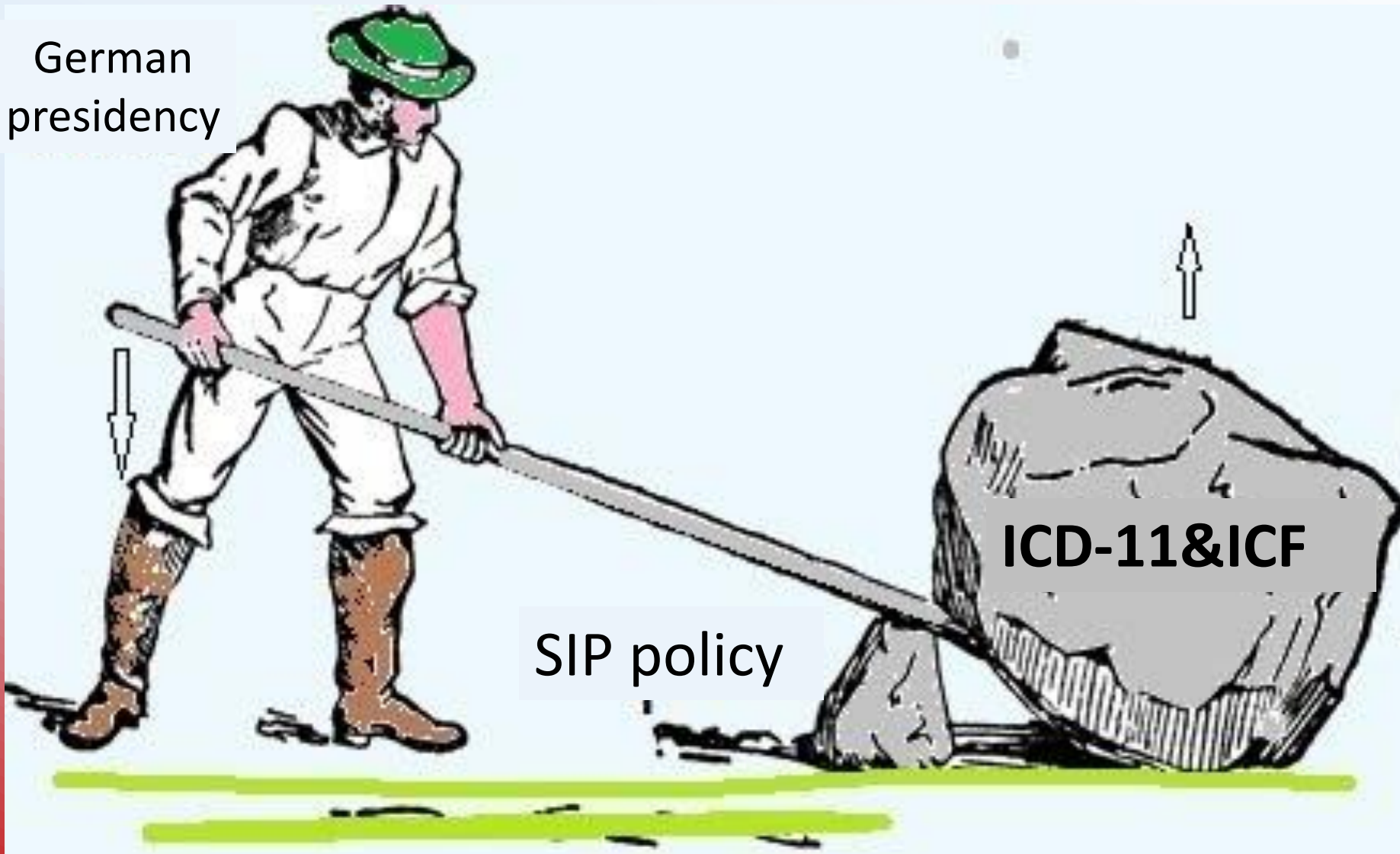
- Deserves more support and a widely based platform to facilitate further implementation
- Start of *ICF-platform* in 2016 with representatives in health care, rehabilitation facilities, education, research, policy services, ...
- 3 pillars
 - Education and continuous formation
 - Research
 - Advocacy
- Save the date: February 11th 2020, Brussels

but meanwhile ...

- Limited use of ICD for universal data collection, being a specific problem in a typical out-of-hospital health care activity as for chronic pain
- General view on the use of ICF and level of knowledge and expertise not yet clear enough
- ICF seems to stay limited to a descriptive use and especially in teams in which physiotherapists and occupational therapists are active
- Formation and further integration in diverse curricula of health care professionals is mandatory
- ...

as it is still a long way there,
the SIP policy document ...

German
presidency



SIP policy

ICD-11&ICF