Towards the implementation

of the International Classification of Functioning,

Disability and Health (ICF)

in the Czech Republic

Activities to support the use of ICF in the Czech Republic

Sládková P[1], Hrkal J[2], Zvolský M[2], Vašková J[2]

[1]First Faculty of Medicine, Clinic of Rehabilitation Medicine (**CRM**), Prague, Czech Republic
[2]Institute of Health Information and Statistics of the Czech Republic (**IHIS**), Prague

ICF and WHODAS EDUCATION/USE DESCRIPTION

Educating on ICF

Courses organized by CRM:

- The structure of ICF courses: basic course (2 days), e-learning including 3 practical cases of patients with severe disabilities (3 months), advanced course (2 days)
- Educational materials in Czech distributed to all students
- Successful ICF course graduates obtain certification in Czech and English language
- 13 courses on ICF organized since 2010
- 697 persons were trained, out of whom 435 were physicians.

CRM teaches university students (medicine, physiotherapy, ergotherapy) about ICF as part of their curriculum.

Presentation of ICF

- CRM presents ICF at conferences of professional medical societies (rehabilitation and physical medicine, neurology, assessment medicine, orthopedics, geriatrics).
- ICF and related tools are regularly presented since 2016 in annual conferences for clinical classifications - Klasifikon. The main topic in 2019 was ICF and 12 presentations concerned the national and international experience with the use of ICF and related instruments. Presented lectures are available as video recordings on the website.
- A Czech version of patient-specific checklists based on existing ICF WHO's Core Sets and ICF Checklist form were developed and are published on the website (Picture 1).
- A dedicated website in Czech including sections on ICF publication, tools and education was developed: https://www.uzis.cz/index.php?pg=registry-sber-dat--klasifikace--mezinarodni-klasifikace-funkcnich-schopnosti

WHODAS

- Czech interviewer-administered and self-administered versions of the questionnaire were developed as web applications (Picture 2).
- An instructional video explaining the use of WHODAS 2.0 questionnaire was created as a training tool.
- A dedicated website in Czech including documents and presentations was developed:
https://www.uzis.cz/index.php?pg=registry-sber-dat--klasifikace--who-disability-assessment-schedule

IMPACT OF THE EDUCATION/USE

- Graduates of the courses use ICF functioning approach for better assessment of disability status, for example for the purposes of prescription of medical aids.

TYPES of EDUCATION NEEDED (& planned)

- Training course on how to use ICF to assess the progress and results of treatment (which medical fields, for what types of patients, at what stage of treatment).
- E-learning → Translation of ICF e-learning tool in 2020.
- Simple tools for searching in ICF → Creation of ICF web browser in Czech in 2020.
- Simple tools for clinicians → Development of a web tool in Czech to enable creation of personalized functioning profile of patients using specific checklists.
- An interactive (web) application with case reports, where a candidate is presented a certain model case and is asked to encode it in ICF. Guidance and correct coding are part of the application.

Funding acknowledgements:

Ethics approval:

Not applicable.

Questions for the forum

- What efficient measures to raise awareness of and interest in using ICF would you recommend to take?
- What is most difficult for physicians or other health professionals regarding the practical use of /coding in ICF and how it can be tackled in training?
- What means and tools can make training on ICF more efficient?
- What medical disciplines are most suitable for initiating the implementation of ICF? (Rehabilitation, neurology, geriatrics, surgery, urgent medicine, cardiology, etc.)
- Do you know about guidelines based on ICF used for assessment of progress and results of medical treatment? (In which medical fields, for what types of patients, at what stage of treatment)?
- Are there any best practices for using ICF? If so, in which fields?
- Are there any examples of implementation of ICF in information systems/in medical documentation standards?
- What features/functionalities should a good web-based tool for personalized clinical questionnaires based on ICF include?

Picture 1: Patient-specific checklist (in Czech)

Picture 2: Czech online version of WHODAS question-naire