The 7th Congress of BAR
Tallinn 18.9.2010

Seija Talo, Ph.D, psychology
Docent in Rehabilitation, University of Turku, Finland

Multiprofessionality in the biopsychosocial assessment and promotion of functioning within ICF-context
WHAT IS REHABILITATION?

Rehabilitation is the process aiming to restore, maintain or improve person’s biopsychosocial wellbeing.
WELLBEING IN REHABILITATION?

The Biopsychosocial Wellbeing is generally determined by the concept of

BIOPSYCHOSOCIAL FUNCTIONING -
WHAT IS REHABILITATION?

Rehabilitation process consists of the assessment and promotion of functioning.

There exists the keen connection between rehabilitation and functioning concepts.
‘Multiprofessionality in the biopsychosocial assessment and promotion of functioning within ICF-context’

1. ’Multiprofessionality’
2. ’Functioning within ICF-context’
3. ’Biopsychosocial (approach to) assessment of functioning’
1. No professional field or an expert can take the 'leading role' in multiprofessional rehabilitation consisting of the
   - biopsychosocial (bps) assessment of functioning
   - bps construction of the rehabilitation plan
   - bps service application for functional promotion

1.1 The client with his/her specific disabilities and needs has the leading role in determining which profession(s) will be more active in various phases of rehabilitation
2. An absolute condition for multiprofessional rehabilitation is that the tasks of biopsychosocial assessment of functioning and disability are divided between experts with competencies to assess/measure functioning from physical, psychological and social angles.

2.1 This is best done by experts committed to apply common rehabilitation models, which

a) unify the terms for functional concepts,

b) unify strategies for quantification of functional concepts.
2.1 ... committing to apply common functional language (terms) apparently means that we accept ....

2.1 ... WHO's ICF-classification to unify the language (terms) for functioning, disability and health ....
2.1 ... committing to apply common strategies for quantifying ICF functional concepts means that we accept ...

2.1 ... some standard procedures to assess / measure functioning and disability, such as the BPS-approach

3. 'Biopsychosocial (approach to) assessment of functioning'
2.1 … committing to apply common functional language (terms) ...

2.1 … means that we accept WHO’s ICF-classification to unify the language (terms) for functioning, disability and health ....
2.1 ... committing to apply common strategies for quantifying functional concepts ....

2.1 ... means that we accept some standard procedures to assess / measure functioning and disability, such as the BPS-approach
We recommend to pilot the ... 

BPS-ICF-model

for its usability in tasks of functional assessment and promotion, because it is created to produce standard multiprofessionally applied procedures and techniques for quantification of functioning and disability

Seija TALO, Ulla RYTÖKOSKI and Anneli HÄMÄLÄINEN, since 1980 ...
Two working frames as the basis for multiprofessional rehabilitation

1. ICF-classification = the unified common language to determine the functional substance, i.e. what functioning is

2. BPS-ICF-model = the unified common strategies to operationalize /quantify the ICF functional concepts/categories
ICF: International Classification of Functioning, Disability and Health

Part 1: Functioning and Disability
- Body functions and structures
  - Change
    - Item-level 1
      1
      2
      3
      4
    - Item-level 2
      1
      2
      3
      4
  - Activities and participation
    - Capacity
      - Item-level 1
        1
        2
        3
        4
    - Performance
      - Item-level 1
        1
        2
        3
        4

Part 2: Contextual factors
- Environmental factors
- Personal factors
  - Facilitator/barrier

Classification
Parts
Components
Constructs
Qualifiers
4 levels of domains and their categories
WE HAVE TO THANK ICF STRUCTURE AND CONTENT…

… for giving the world the long desired definition for functioning and disability, because …

… due to the missing definition also the measurement procedures for functioning and disability have so far been haphazard all over the world.
Critics: ICF is not the measurement instrument …

What we forget: …

• ICF’s conceptual structure gives us the possibilities to develop human rights based strategies for functional measurement

• It is our obligation to use these possibilities for development of measurement models
BPS-ICF-model = a Finnish attempt to progress the functional assessment from multiprofessional perspective

Psychologist (seija.talo@pp1.inet.fi)

Physician

Social worker

Seija Talo

30 YEARS’ DEVELOPMENT WORK TOGETHER

Ulla Rytökoski (ulla.rytokoski@fimnet.fi)

Anneli Hämäläinen (anneli.hamalainen@petrea.fi)
SINCE THE BEGINNING THE BPS-ICF-MODEL AIMED TO AVOID OVERLAPPING WORK IN THE TASKS OF FUNCTIONAL ASSESSMENT...

It was understood

... that to avoid overlapping work the assessment/measurement tasks of functioning and disability have to be divided between the multiprofessional team members
THE DIVISION OF FUNCTIONAL ASSESSMENT TASKS RESULTED IN 9 BPS-ICF COMPONENTS INSTEAD OF 3 COMPONENTS PRESENTED IN ICF-CLASSIFICATION

WHY IS THAT?

It is because the categories in the ICF-components of

1. Body functions and structures
2. Activities and participation
3. Environmental factors

were re-grouped according to the apparent measurement angle determined by ICF operational definitions to be physical, psychological or social.
The re-grouped ICF-categories in the BPS-ICF assessment model are called multi-professional (bps) core-sets

- That means that certain professionals have been educated and have competencies to assess/measure certain types of ICF-categories i.e. professional core-sets.
The basis of multiprofessional core-sets in the BPS-ICF-model lies on ..

… the Philosophy of human existence
The philosophy: the existence of the human being as a bio-psycho-social creature ... is dependent on simultaneous events in person’s...
The philosophical basis for multiprofessional BPS-approach in functional assessment

Based on the idea of simultaneous interactions between body, mind and living context in the human existence...

... also the measurement strategies for human functioning must be biopsychosocial by nature.
The application of the biopsychosocial measurement strategies of the ICF-concepts in clinical practice means that ...

... grouping of the 1400 ICF categories is based not only on 1) substance matter, but also on 2) multiprofessional measurement angle of the categories.

- Body functions
- Body structures
- Activities
- Participation

ICF
International Classification of Functioning, Disability and Health
World Health Organization
ICF-CATEGORIES GROUPED TO 9 LABELLED COMPONENTS OF BIO - PSYCHO - AND SOCIO SECTOR OF THE BPS-ICF MODEL FOR MEASUREMENT PURPOSES
Motivation and Subjective goals related to participation in work life / domestic - / leisure roles

Physical management related to participation in work life / domestic - / leisure roles

Physical activities related to participation in work life / domestic - / leisure roles

Activities related to participation in work life / domestic - / leisure roles

Motivation to independent goals in role participation

Activities training physical to participate in life roles

Citizen support, communal empowerment creating social and political possibilities to participate in life roles

The functional profile cannot be derived directly from the measurement results by any computer: We need the combined brain of the multiprofessional team to make clinical decisions about the meaningfulness of the single measurements in person’s life.

Theory-ball: Biopsychosocial approach to asses and promote functioning in relation to ICF concepts
Theory-ball: Biopsychosocial approach to assess and promote functioning in relation to ICF concepts.

Motivation and Subjective goals related to participation in work life / domestic roles / leisure roles.

Physical management related to participation in work life / domestic - / leisure roles.

Psychological empowerment creating social and political possibilities to participate in work-life / domestic - / leisure roles.

Motivation to independent goals in role participation.

Activities training physical training to participate in life roles.

Citizen support, communal empowerment creating social and political possibilities to participate in life roles.

If the measurement results indicate that restrictions are due to the social and communal possibilities to participate in work life, the rehabilitation acts have to be tied to establishment of these possibilities in person’s living context.
# Biopsychosocial Profile for Functioning and Disability within ICF-Concepts

## Biopsychosocial Profile for Functioning and Disability

### Functions and Structures
- Body functions and structures
- Mental functions
- Socio-cultural functions and structures

### Activities
- Physical activities
- Mental activities
- Community activities

### Participation
- Physical prerequisites for participation
- Motivation and goals for participation
- Opportunities given by society to participate

### Resources for Functioning

### Disabilities
- Expert assessment
- Self-assessment

---

**Legend:**
- Filled colour square
- Square without colour
THE FINNISH 3-DAY EDUCATIONAL COURSE FOR THE BPS-ICF MODEL

• The first day: ICF and BPS-ICF structure and content
• The second day: Linking, theory and practice
• The third day: Strategies to produce the functional profile

AN ELECTRICAL TOOL FOR REGISTERING THE MEASUREMENT RESULTS AND DOCUMENTING THE MULTIPROFESSIONAL FUNCTIONAL PROFILE
BPS-ICF-model in graphics

Collection of measurement results

Multiprofessional integration of measurements into functional profile

Delivering targeted services
THANKS FOR YOUR ATTENTION