“LOOK ........ A CHILD!”

JOIN US! TOGETHER WE WILL CONSTRUCT AN INTEGRAL, PERSONALISED “360⁰CHILDoc”

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Workshop: “LOOK .......... A CHILD!”

• "It's all in the picture...!"
  - Introduction 360°CHILDoc 10:45 – 11:20

• "Get to work....."
  - Together we construct two 360°CHILDoc's 11:20 – 12:00

• “Prognosis?”
  - Discussion 12:00 – 12:30
"It's all in the picture...!"

- What & Why?
- Scientific background
- Empirical developmental process
What?

a newly developed CHILDprofile
(Child Health IntegraL Digital overview ©)
The 360°CHILDoc? (Child Health IntegraL Digital overview ©)

World Health Organisation. ICF-CY: International Classification of Functioning, Disability and Health, Children and Youth version
BODY STRUCTURES AND FUNCTIONS

Physical
- Vision/Hearing
- Growth/Weight
- Digestive/Urinary system
- Heart/Lungs
- Movement

Mental
- Personality
- Attention/Impulse control
- Emotional state
- Sleep
- Language/Speech
- Cognition

Name:
Age:
Gender:
BODY STRUCTURES AND FUNCTIONS

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Mental
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- Cognition

ACTIVITIES AND PARTICIPATION

Physical
- Playing
- Sports
- Screen time
- Eating and drinking
- Self-care/Tasks

Mental
- Communication
- Learning
- Behavior
- Interpersonal interactions
PERSONAL FACTORS

BODY STRUCTURES AND FUNCTIONS

Genetic predisposition
- Family history

Pregnancy/Birth

Early development

Physical
- Vision/Hearing
- Growth/Weight
- Digestive/Urinary system
- Heart/Lungs
- Movement

Mental
- Personality
- Attention/Impulse control
- Emotional state
- Sleep
- Language/Speech
- Cognition

Life Events
- Family
- Social life (bullying)

Medical history
- Health issues
- Received care
- Vaccinations

Natural Environment
- Education parents
- Financial assets
- Housing
- Social norms/Culture
- Services/Policies
- Day-care
- Pre-school/School

Physical
- Playing
- Sports
- Screen time
- Eating and drinking
- Self-care/Tasks

Mental
- Communication
- Learning
- Behavior
- Interpersonal interactions

Social Environment
- Family
  - Composition
  - Parental skills
  - Language
  - Smoking
  - Social support

ACTIVITIES AND PARTICIPATION

ENVIRONMENTAL FACTORS

Name:
Age:
Gender:
Multifunctional tool for preventive Child & Youth Health Care:

Support tool
- risk assessment
- communication

Personal dossier
- online availability
  summary EMD

Data on population level
- standardized language
  & registration

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Why?

To support:

Transformation towards personalized, preventive Child & Youth Health Care

Scientific background

BIOPSYCHOSOCIAL APPROACH TO UNDERSTANDING HEALTH

BIOLOGY
- Gender
- Physical illness
- Disability
- Genetic vulnerability
- Immune function
- Neurochemistry
- Stress reactivity
- Medication effects

PSYCHOLOGY
- Learning/memory
- Attitudes/beliefs
- Personality
- Behaviours
- Emotions
- Coping skills
- Past trauma

HEALTH

SOCIAL CONTEXT
- Social supports
- Family background
- Cultural traditions
- Social/economic status
- Education

Ref: http://perspectivesclinic.com/health-psychology/

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nature – nurture
not a simple binary model...
nature – nurture
...but complex en multidimensional dynamic processes


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“growing into deficit”


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“growing into deficit”


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“growing into deficit”

Early development: brain & behavior

... one size does not fit all!
Take it personally ... !!!!
The ICF-CY

- Functioning & Health vs diseases/diagnosis (risk- and protective factors)
- Standardized language

World Health Organization. ICF-CY: International Classification of Functioning, Disability and Health, Children and Youth version
Empirical developmental process

Participative Action Research

Input stakeholders:
Parents, Youth, CYHC professionals and other Caregivers

Innovation suits the CYHC practice
Participative Action Research

Input parents, Youth, CYHC professionals and other Caregivers

Mixed Methods Research

1. Qualitative fase  ➔  2. Quantitative fase
Participative Action Research

Input stakeholders: Parents, Youth, CYHC professionals and other Caregivers

Pilot studies: Qualitative research

Positive reactions:

- "relevant"
- "nice overview"
- "efficient"
- "complete"
- "applicable in CYHC"
- "open dialogue"
- "stimulates standardized language"

• input for:
  • development
  • design quantitative research

Financed by:

Maastricht University

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Validity & Reliability: Functioning

- **Concurrent validity:**
  - Spearman's correlation coefficient: 0.78

- **Inter-rater reliability:**
  - Intraclass correlation coefficient: 0.71

- **Intra-rater reliability:**
  - Intraclass correlation coefficient: 0.82

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Mixed Method Research

Development: online available 360°CHILDoc

1. Quantitative fase ➔ 2. Qualitative fase

Pragmatic RCT:
• Effect: satisfaction regarding:
  - CYHC accessibility
  - information exchange

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Mixed Method Research

Development: online available 360°CHILDoc

1. Quantitative phase ➔ 2. Qualitative phase

Pragmatic RCT:
- Effect: Satisfaction:
  - CYHC accessibility
  - Information exchange

Exploration:
- Results phase 1
- Added value for:
  - Risk assessment
  - Shared decision making
  - Personalization of care
Workshop: “LOOK ……… A CHILD!”

- "Get to work....."

Together we construct two 360°CHILDoc's 2 x 20 minutes

Experience as professional and/or as a parent!

- Groups of max. 7 persons
- 7 envelopes with child info
- Start:
  envelop 1  ➔  reflection  ➔  envelop 2  ➔  reflection etc.
Workshop: “LOOK .......... A CHILD!”

• “Prognosis?”
  - Discussion
    - Experiences as a professional and/or as a parent
  - Opinions about added value, chances of innovation, obstacles etc.
  - Questions???????????????
Mind the gap! between Science and Practice ... !!!!
Mind the gap! between Science and Practice ... !!!!

Let's Build bridges to better health for all young people !!!!

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