



Maastricht University

Leading
in Learning!



'Komt een kind bij een dokter...'

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Envida

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The MOM study
12 September 2016

Komt een kind bij een jeugdarts...

- Wat heeft *dit* kind eraan?
- Vroegsignalering ontwikkelingsproblemen
- Public health ↔ personalized health care

Envida

The MOM study

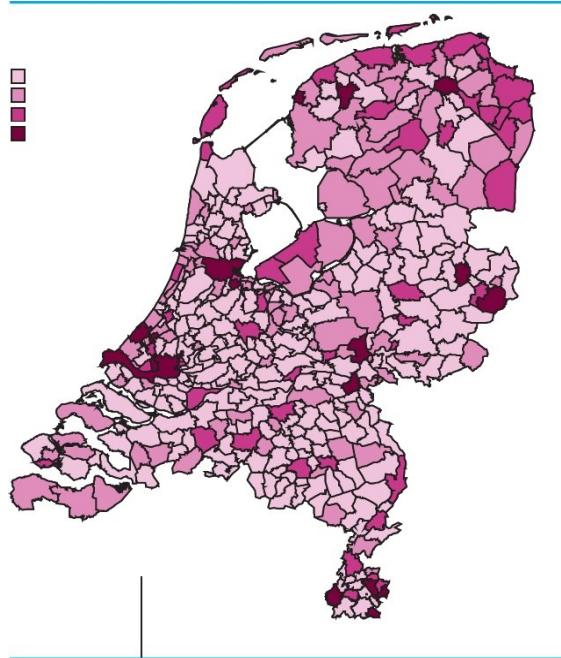


Academische Werkplaats Publieke Gezondheid Limburg

*Promoting physical and mental fitness:
Evidence into practice and practice into evidence:*

closing the circle?attachment!?

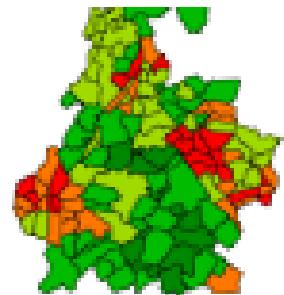
Maatschappelijke context



- Psychosociale problemen
- Overgewicht / obesitas
- Onveilige omgeving
- Middelengebruik / verslaving
- Chronische ziekten

NRC 3 dec 2013: "**Meer kinderen groeien arm op**"

Bron: Armoede signalement 2013 CBS-SCP



Kinderen In Tel 2014

Infant Welfare Centre



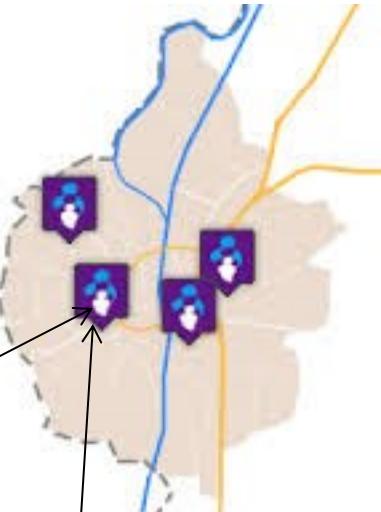
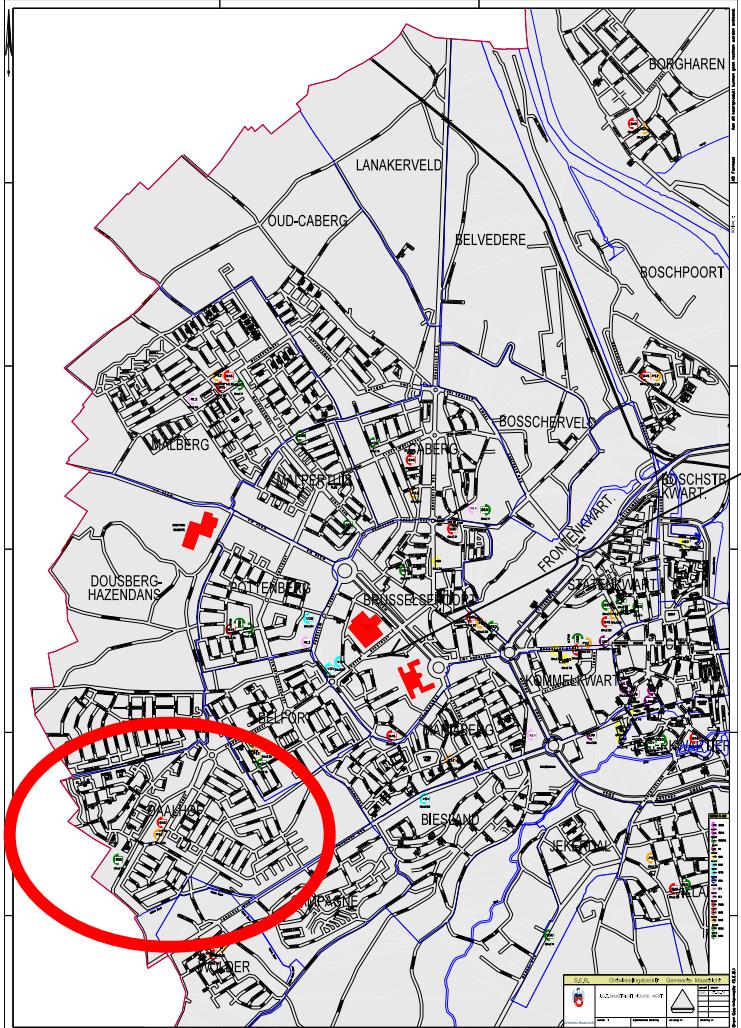
Preventie

Centrum voor
Jeugd en Gezin



Couleur locale

Couleur locale



Kinderen in Tel 2014:

Nr 85 Brusselsepoort

Nr 98 Beatrixhaven

Nr 209 Mariaberg

Nr 212 Oostermaas

Nr 259 Oud Caberg

Nr 326 Pottenberg

Nr 467 Bosscherveld

Nr 658 Daalhof

Bestrijding *kans* armoede

Doen we de goede dingen goed genoeg?

JGZ 'toolkit' vroegsignalering?

Participatie voor alle kinderen!?

**INTERNATIONAAL VERDRAG INZAKE
DE RECHTEN VAN HET KIND**

ook als basis voor lokaal jeugdbeleid

The MOM study

Monitoring Outcome Measurements of child development

Monitoring Ontwikkeling kinderen in Maastricht en Heuvelland

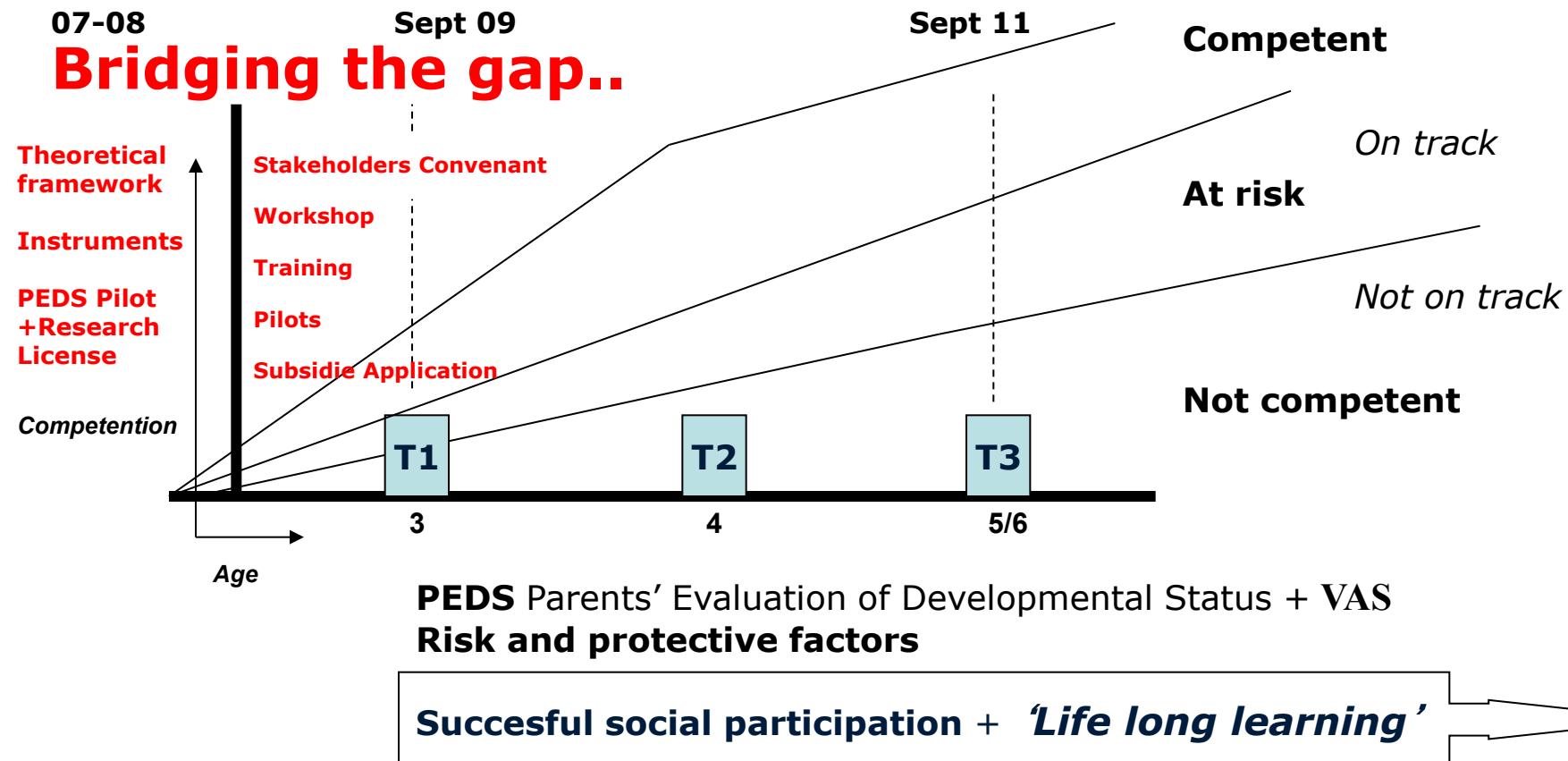
The MOM study

07-08

Sept 09

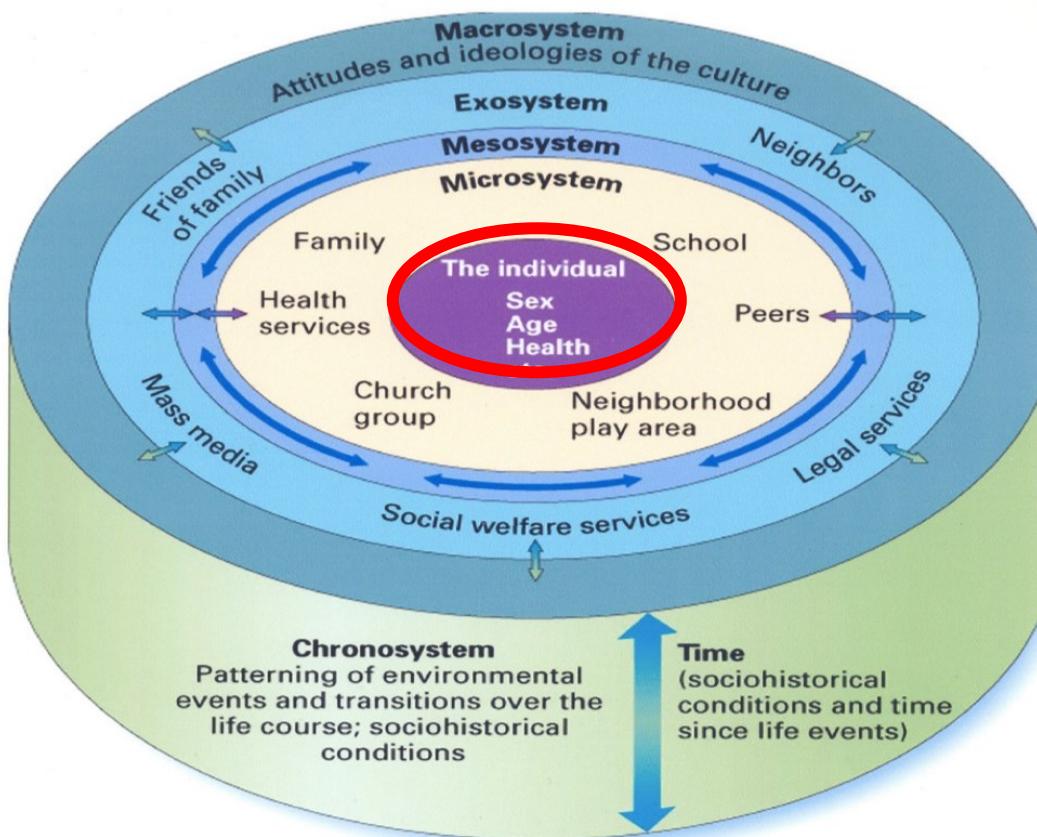
Sept 11

Bridging the gap..



Unieke interactie

biologisch genetische kwetsbaarheid ↔ omgeving



Rutter M. **Resilience** as a dynamic concept. Dev Psychopathol. 2012;24(2):335-44.

'Growing into deficit'

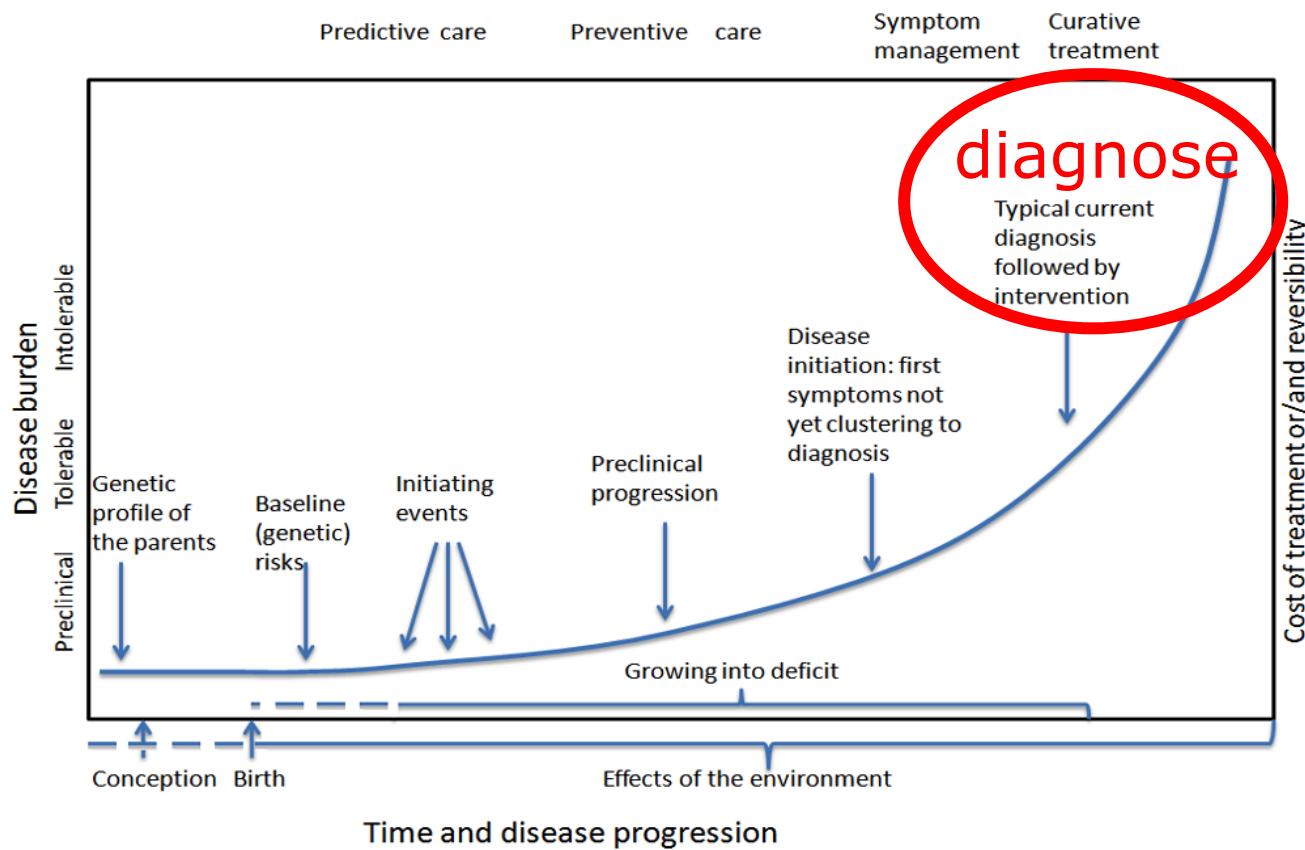


Figure 1. Adaptation of Snyderman's curve representing the timelines of growing into deficit and developing common complex diseases

Syurina EV, Hens K, Feron FJM. Literature Review: Use of Family History for Primary Pediatric Care as the Next Step Towards use of Genomics in Healthcare. Current Pediatric Reviews 2013

Participatory Child Health Care

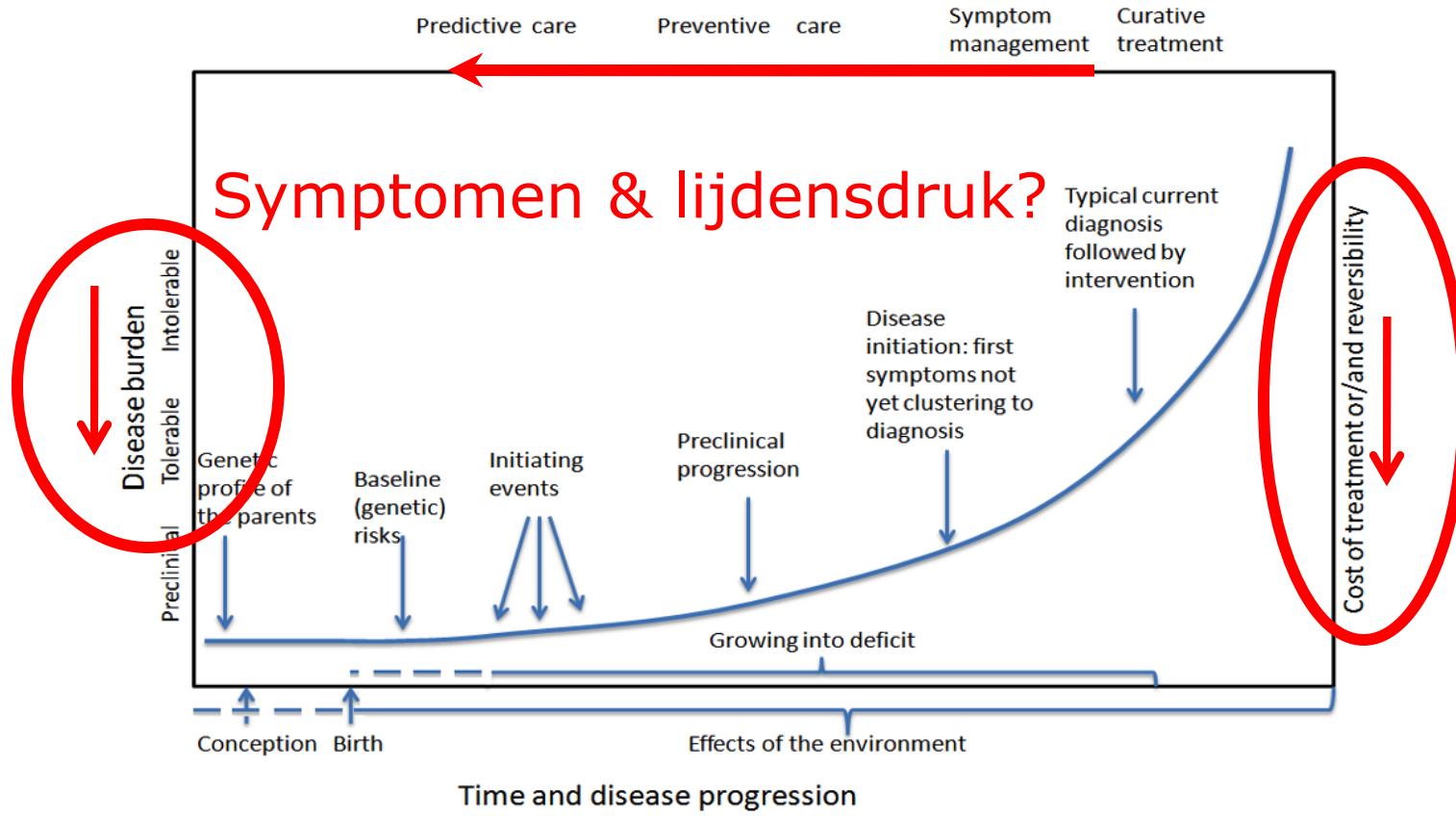


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Preventive → Predictive Child Health Care

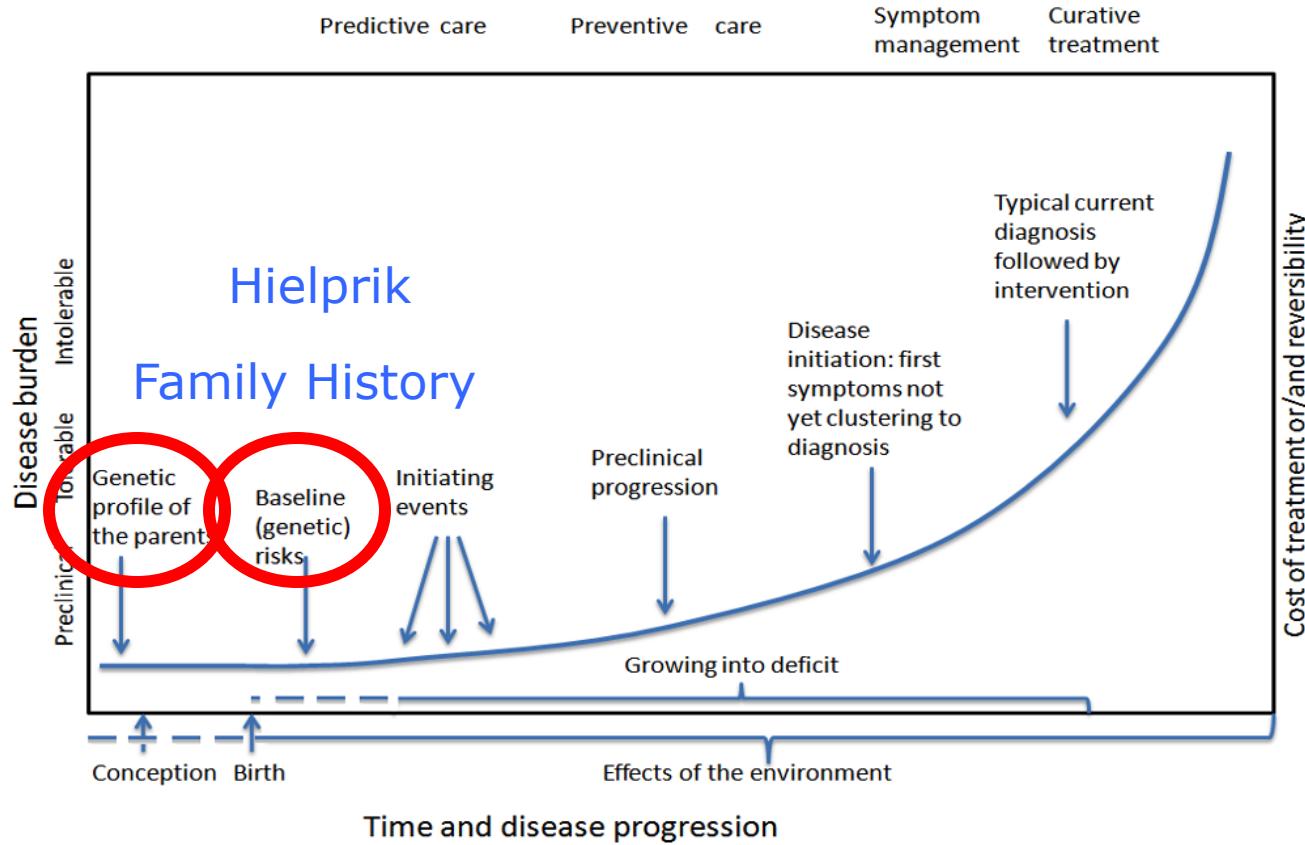


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Diathesis-stressmodel → Personalized PCHC

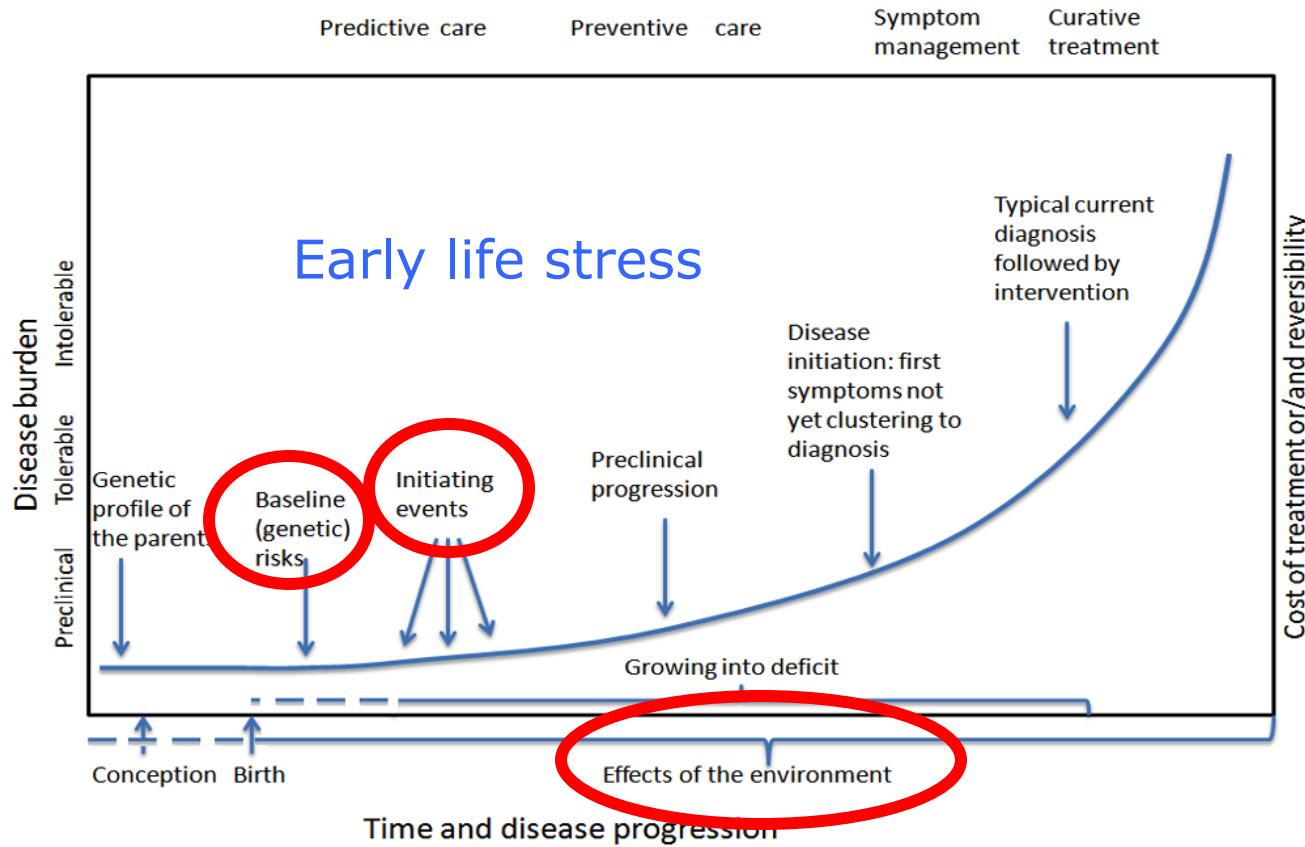
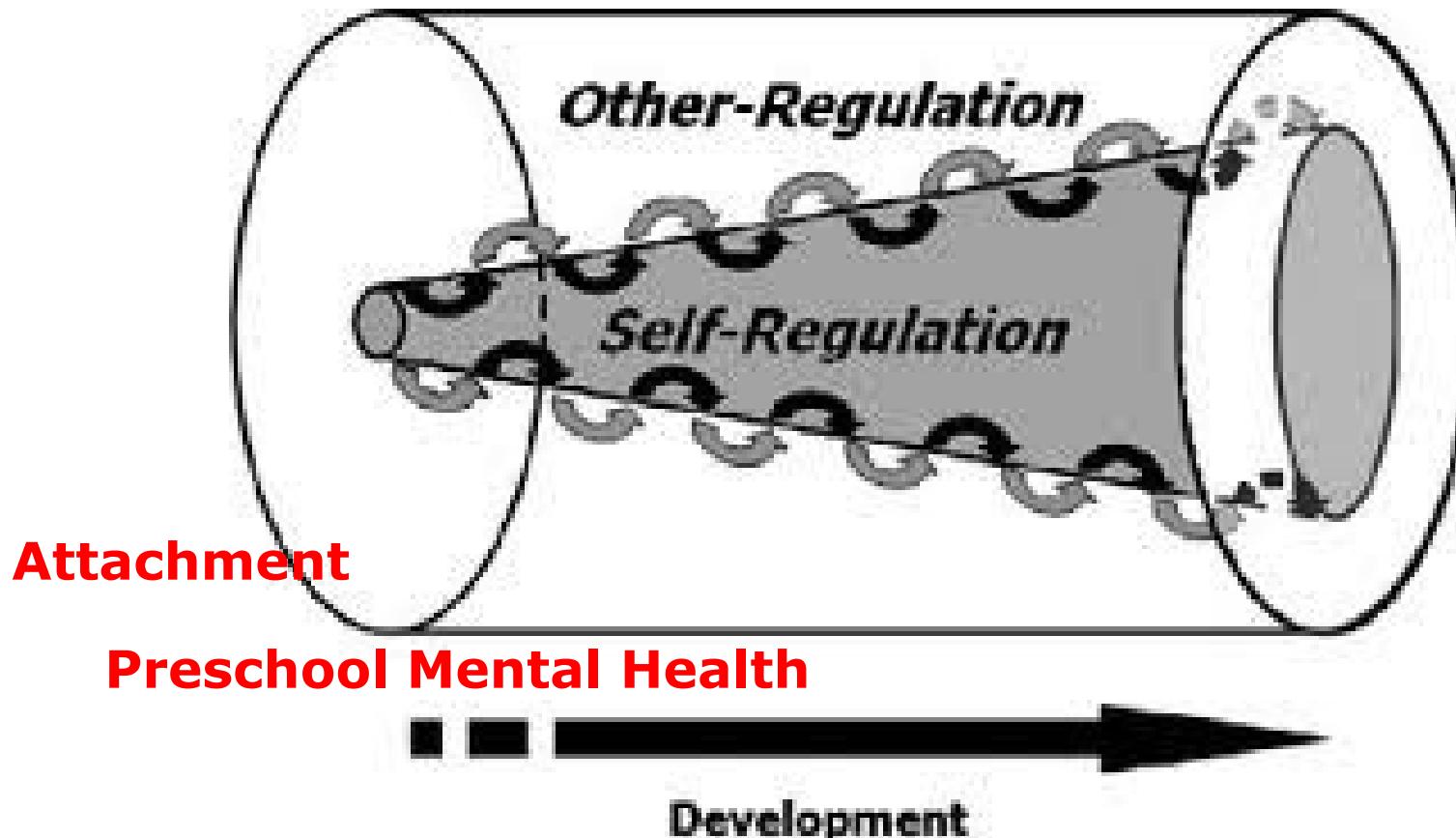


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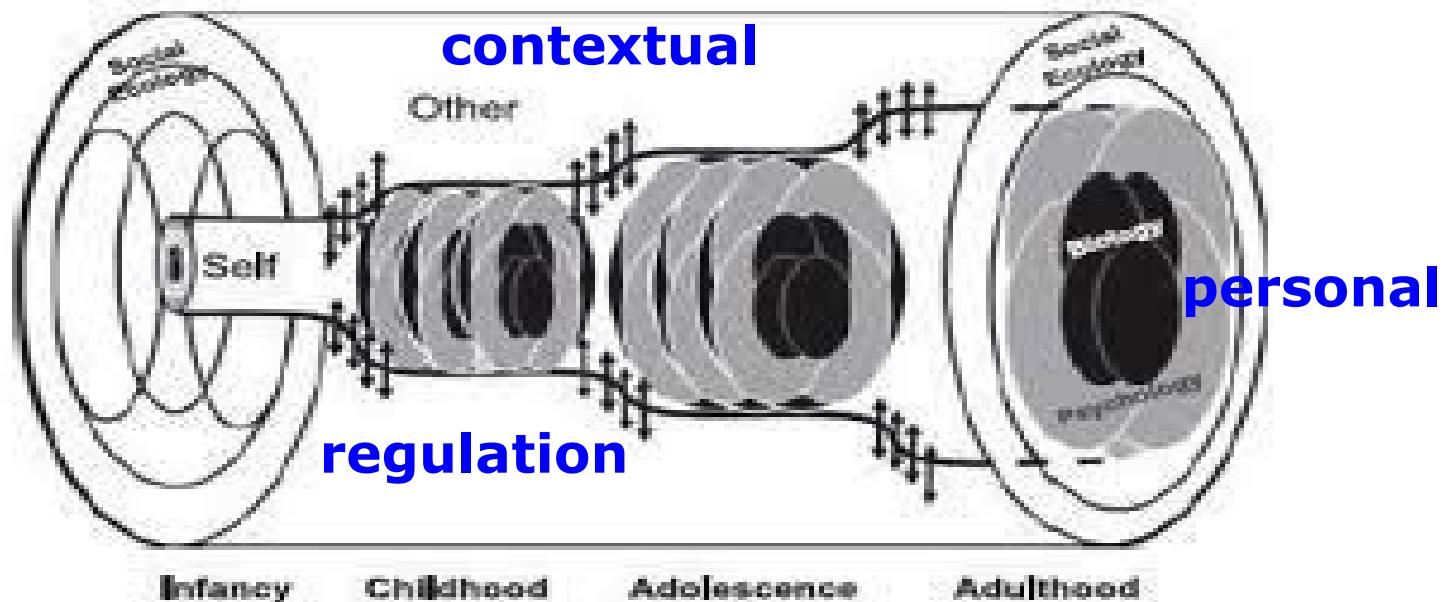
'Goodness of fit' environment ?

De **relatie** is 'de patient'



Dynamic life course perspective

Shifts in the child \leftrightarrow shifts in the environment
+ representation

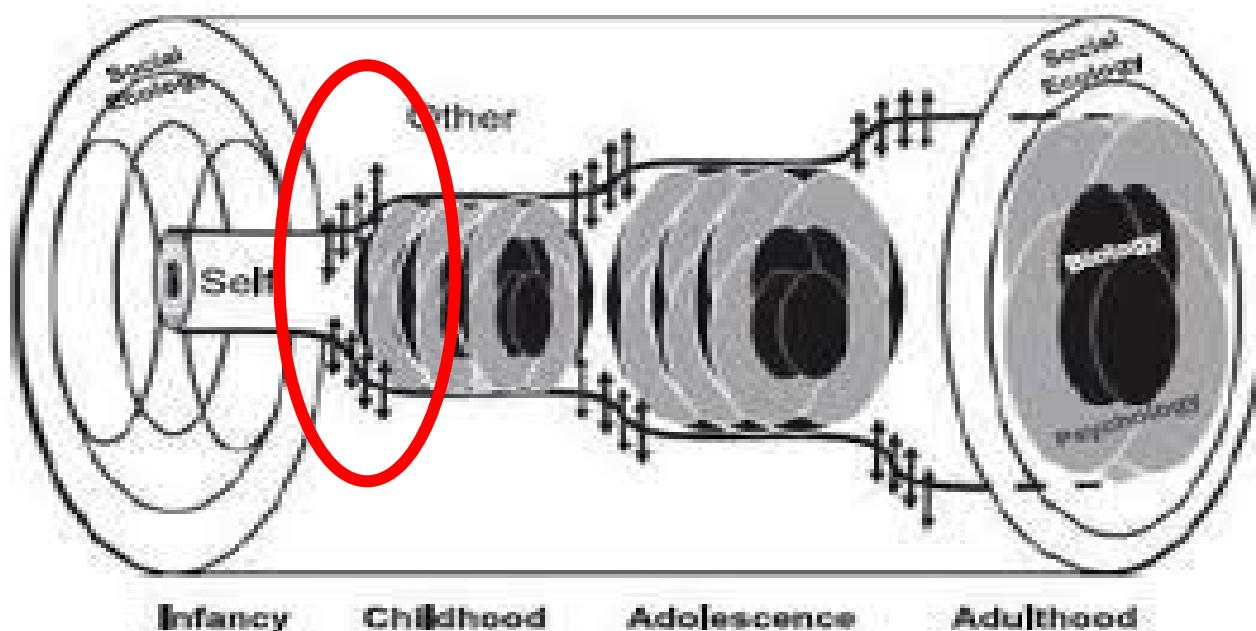


Sameroff, A. A unified Theory of Development: A Dialectic Integration of Nature and Nurture. Child Development, January/February 2010, Volume 81, number 1, pages 6-22.

Schoolreadiness: a dynamic outcome of preschool health/participation

Transition home stage - elementary stage

Shifts in the child \leftrightarrow shifts in the environment

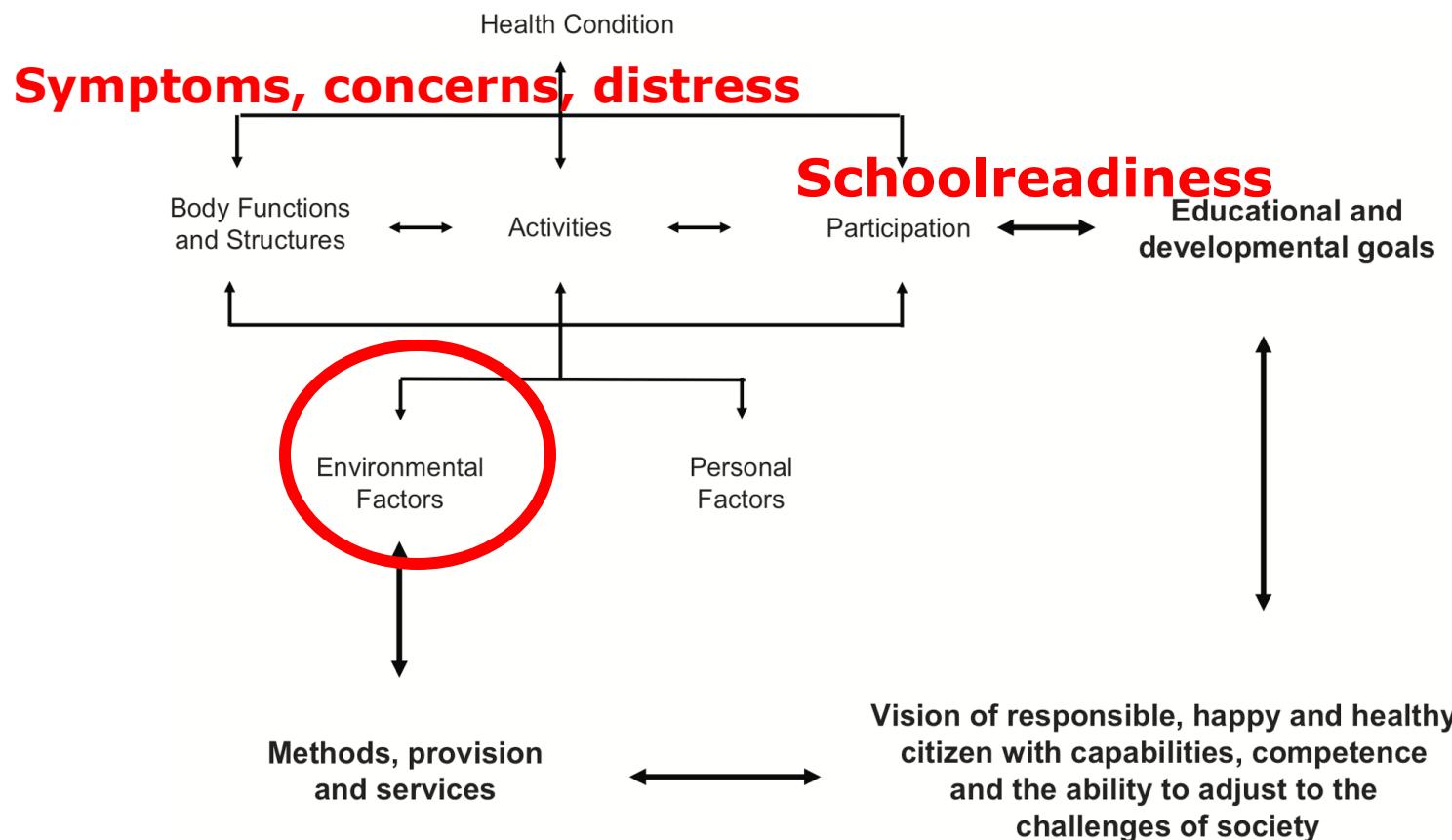


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ICF

International Classification of Functioning, Disability and Health

Theoretical framework of health related functioning



Growing into schoolreadiness ?

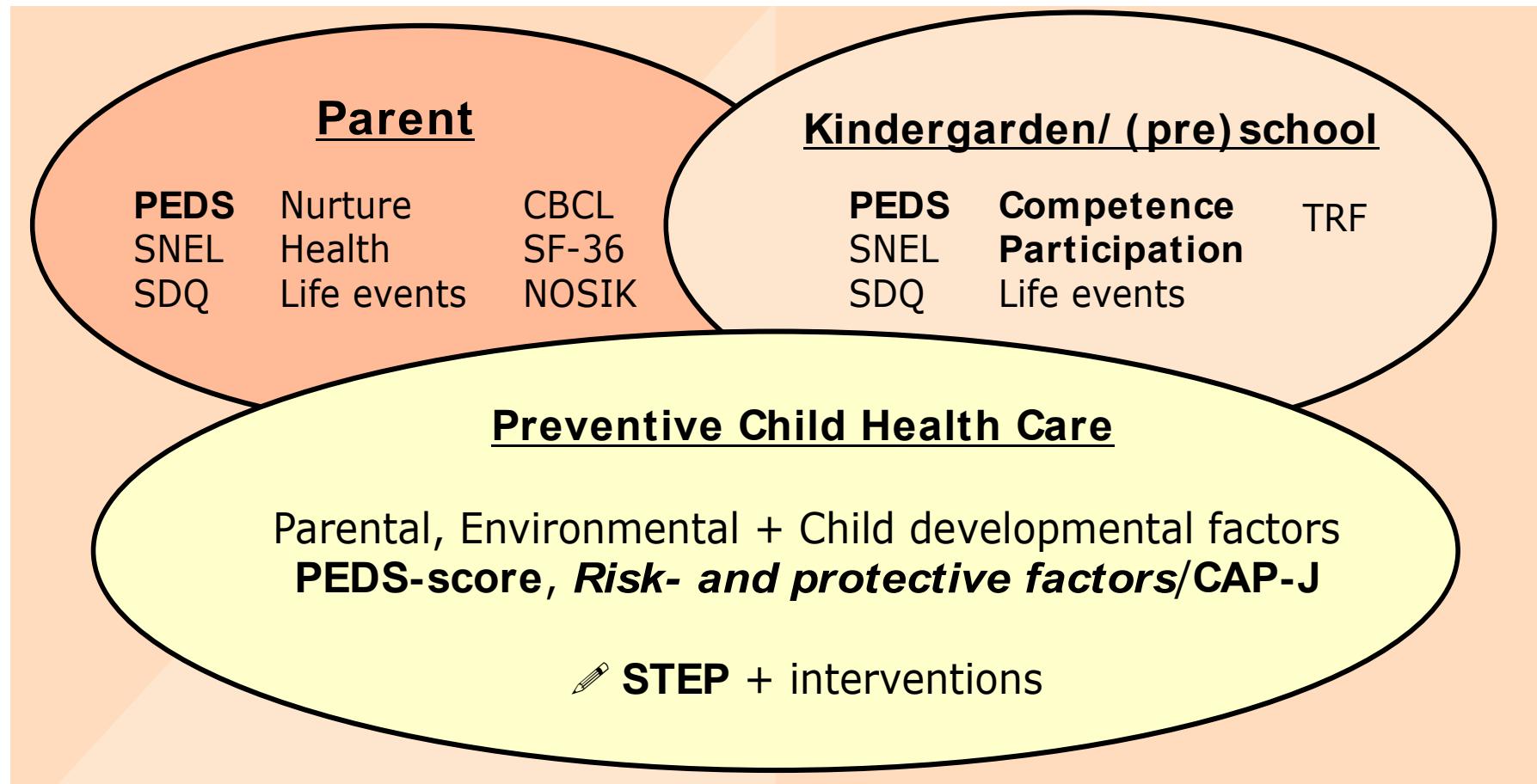
The MOM study

- Multi- and cross- informant
- Multi-axial
- Dimensional assessments of symptoms and behaviour
- PCHC setting
- Repeated measures: 3 → 4 → 5/6 years

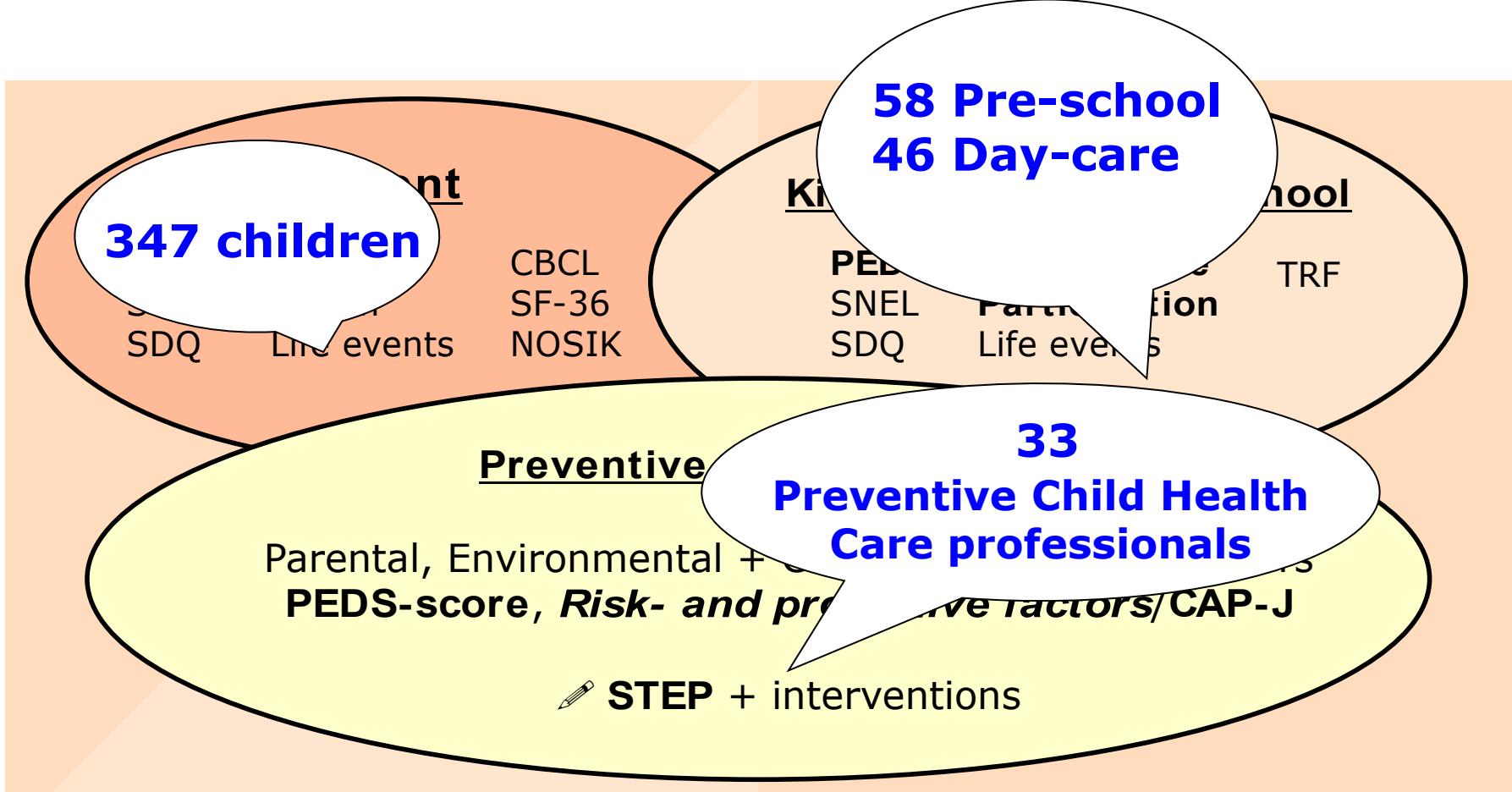
A prospective observational cohort study

Monitoring **O**utcome **M**easurements of child development
Monitoring **O**ntwikkeling kinderen in **M**aastricht en Heuvelland

MOM PCHC 'toolkit' of instruments



MOM PCHC 'toolkit' of instruments



Developmental pathways impacting school readiness

1. What is the predictive value of multi-informant perceived concerns in the preschool period at the age of 3 to 6 years in relation to school readiness?

2. What parental and environmental factors are most strongly associated with school readiness at the age of 3 to 6 years?

1. To what extent is the level of school readiness predicted by childhood developmental and environmental factors?

2. Can the outcomes of the MOM study be translated to the practice of monitoring and multi-screening in PCHC?

MOM articles

- School readiness from the perspective of personalized child health care
 - B.M. Doove, MD, **M. Drukker, PhD, F.J.M. Feron, MD PhD , J. van Os, MD PhD**
- Validation of short instruments for personalized preventive child health care
 - B.M. Doove, MD, J.E.R. Feron, MD, F.J.M. Feron, MD PhD, J. van Os, MD PhD, M. Drukker, PhD .
- Early life stress and social participation
 - B.M. Doove, MD, B.A.A.H. Schiffelers, MD, C. Lukkien, MD, M. Drukker, PhD, J. van Os, MD PhD, F.J.M. Feron, MD PhD
- Language and communication
- Developmental D-score
- Prevention of child abuse

In een buurt, achter de voordeur

'Buurt nr 658': De brede opvoedingscontext in 2010.....

150 kinderen < 4 jaar

146 kinderen uit 128 gezinnen



12% instabiele opvoedingskwaliteiten

50% heeft ouder(s) met persoonlijke problemen

9% ontoereikend sociaal netwerk

etc..

1100 kinderen: 10 %
heeft problemen op 3 of
meer leefgebieden

27% leeft in risicovolle omstandigheden

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closing the circle*



Onvoldoende randvoorwaarden
Attachment/hechting!?
Visionair beleid!?

Niet nog meer van hetzelfde maar **anders...**

**WAT ER OOK
SPEELT
IN EEN LAND**

**LAAT HET
VOORAL DE
KINDEREN ZIJN**

Loesje & **MOM**

Hechting praktijk, beleid en onderzoek?

- Positief aansluiten?
- Voorspelbaarheid door ritme en structuur?
- Comfortzone? omgaan met stress en prikkels?
- Betrokkenheid en inlevingsvermogen? Goed 'lezen' en er naar handelen?
- Voldoende balans?

Zone van de naaste ontwikkeling
Resilience / Weerbaarheid