

**Erasmus MC**

Universitair Medisch Centrum Rotterdam



**AEPC Helsinki**

**May 23th, 2014, 12.00-12.15**

**Longitudinal development of psychopathology &  
subjective health status in congenital heart disease adults:  
a 30-43 year follow-up in a unique cohort**

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## 1990 : Rotterdam cohort into Quality of Life

What is the long-term *psychosocial and medical outcome* after surgery for ConHD in childhood?

- consecutive patients, 1<sup>st</sup> heart o.k. 1968-1980, Rotterdam
- ok < 15 years

F-up	1990	2001	2011
After surgery	>10 -23 years	> 20-33 years	>30-43 years

**same cohort !**

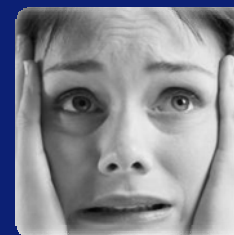
## Rotterdam Quality of Life F-Up 1 and 2

Significant psychopathology/psychosocial problems in

1990: childhood, adolescence



2001: young adulthood



Expected: problems to **worsen middle adulthood** ?



## Aims Rotterdam Rotterdam QoL F-UP 3

1) *development psychopathology* over 30 year period (>10,> 20,> 30 yrs f-up)



2) *compare 30-43 yrs* outcomes on psychopathology/subjective health status  
*normative groups*



*cardiac diagnoses*



3) identify *predictors* for longitudinal changes in psychopathology

## Conclusion



Over time, % ConHD adults with *psychopathology decreased*

At 30- 43 yrs follow-up, *psychopathology better*, more favorable  
*than norm!!*

No differences cardiac diagnostic groups



Predictors: scar, results 1<sup>st</sup> cardiac surgery,  
number hospitalizations over time.

R'dam Quality of Life 1,2,3 e.utens@erasmusmc.nl

Utens et al. Psychol Med 1993

Europ Heart J 1998

van Rijen EH, Utens EM, Roos-Hesselink JW et al.

Eur Heart J 2004

Int J Cardiol 2005

Cardiol Young 2005

Opic et al. Int J Cardiol 2013. PhD Thesis 2013, Rotterdam