

ISBD 2020

Voorspellers van een bipolaire stoornis bij kinderen en jongeren

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VIRTUAL
conference

2020 VISION FOR
BIPOLAR DISORDER
AND DEPRESSION

JUNE 18-21, 2020

22ND ANNUAL CONFERENCE OF
**THE INTERNATIONAL
SOCIETY FOR BIPOLAR
DISORDERS**

isbd2020.com 

Bipolar Offspring Study Pittsburg (BIOS)

235 ouders met BD en hun kinderen en 141 controle ouders met kinderen
6-18 jaar oud, FU > 10 jaar

25% bipolar spectrum disorder

Angst-depressie > stemmingslabiliteit> subsyndromale manische sympt> BD

Relatie met beginleeftijd BD ouders

Risk Calculator: Clinical Implications

Risk Calculator: Five-Year Risk to Develop Bipolar Disorder

Modified Depression Rating Scale: (Instrument / All Instruments)	<input type="button" value="Click To Enter Score"/>
Modified Mania Rating Scale: (Instrument / All Instruments)	<input type="button" value="Click To Enter Score"/>
Children's Affective Liability Scale (Self-Report): (Instrument / All Instruments)	<input type="button" value="Click To Enter Score"/>
Screen for Child Anxiety Related Disorders (Self-Report): (Instrument / All Instruments)	<input type="button" value="Click To Enter Score"/>
Children's Global Assessment Scale: (Instrument / All Instruments)	<input type="button" value="Click To Enter Score"/>
Parent age of mood disorder onset:	<input type="button" value="Click To Enter Age"/>
Child's Age:	<input type="button" value="Click To Enter Age"/>
<input type="button" value="Click here for answer"/>	<input type="text"/>
<input type="button" value="Reset form"/>	

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Risk calculator for recurrence in ontwikkeling

Longitudinal Assessment of Manic Symptoms (LAMS)

685 deelnemers, 6-12 jaar bij start

geïnccludeerd op basis van voorkomen manische symptomen

6 jaar follow-up > 65 jongeren diagnose BD

In dit cohort risk calculator toegepast > werkte niet



Risk calculator for familial or clinical high risk samples

Anna Van Meter

Kans is klein dat jongeren die een BD ontwikkelen geen symptomen hebben voor zij aan de diagnostische criteria voldoen

Risk calculator kan helpen om inschatting te maken bij aspecifieke symptomen

Er is tijd tussen symptomen en syndroom/diagnose voor interveniëren

Brainstorming session: next steps in staging. early identification of BD in youth

Conclusions



- First study to implement a **risk stratification tool** based on machine learning techniques to **identify subjects who will develop BD** in a general population cohort based on **demographic and clinical factors**.
- **BD identified in the early stages** may be less treatment refractory → **predictive tool** provides a crucial opportunity to **early interventions**, thus preventing a more pernicious course of the illness.



Longitudinal Assessment of Manic Symptoms (LAMS)

Adjustment due to other symptom trajectories (anxiety, functioning excluded)

Aged excluded

>>> Screening of manic en depressive symptoms

And add family history of BD

Future other factors: temparement, BAS, Goalstriving, comorbidity (ADHD), sleep/circadian rhythm, EMA, actigraphy