

Four years of adolescent alcohol-related hospital treatments; trend over time

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Abstract

Background: Alcohol intoxication among adolescents is a growing problem in the Netherlands.

Objective: To investigate intoxication numbers and characteristics throughout all hospitals in The Netherlands

Methods:

1. Data from the Dutch Pediatric Surveillance system (NSCK), which monitors admissions of alcohol intoxicated adolescents, were analyzed.
2. Patients, aged 11–17 years old, with reduced consciousness due to alcohol intoxication were included.

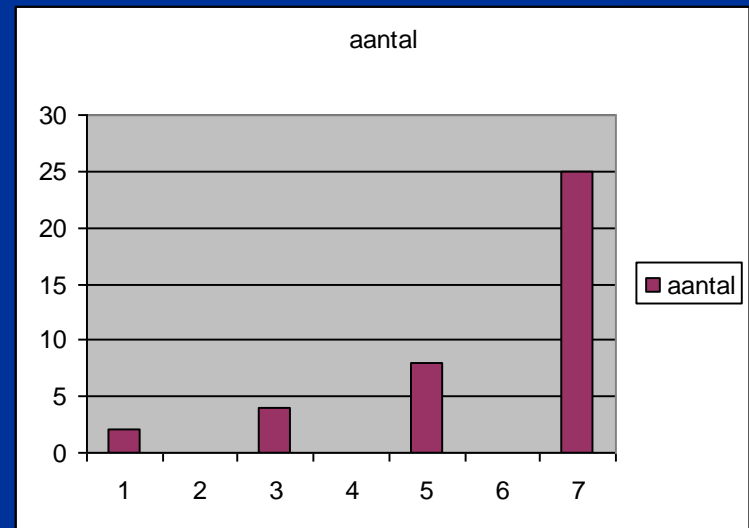
Before we will present the Results....

History

Delft Study

2001 - 2007

- Younger
- Girls
- At home
- Drinking habit different
- Blood levels higher



Number of hospital admissions
a year

- NTVG, December 2006
- British Medical Journal December 2006

Created :

- **Dutch Pediatric Surveillance System (NSCK)**
- **Prevention Intervention System**

AIM

Primary goals

1. **Reducing the total number** of children a year, who are being admitted because of alcohol intoxication, in all Dutch hospitals in the next coming 5 years.
2. **Increasing the mean age of the group admitted children** each year, in all Dutch hospitals in the next coming 5 years.

Secondary goal

3. **Explore the relation alcohol abuse and safety and local government policies.**

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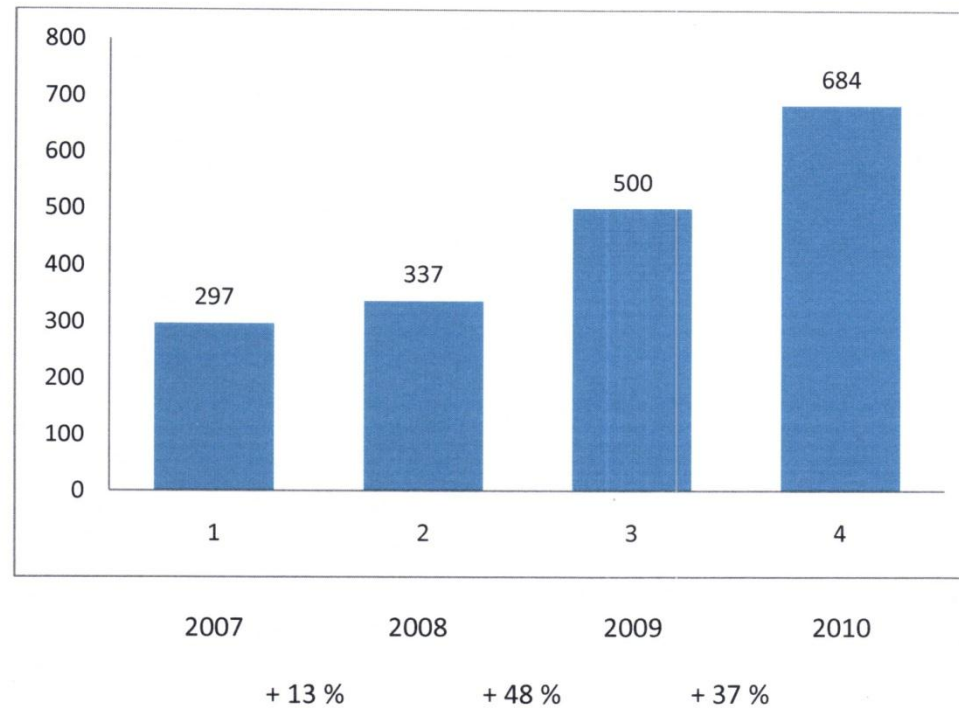
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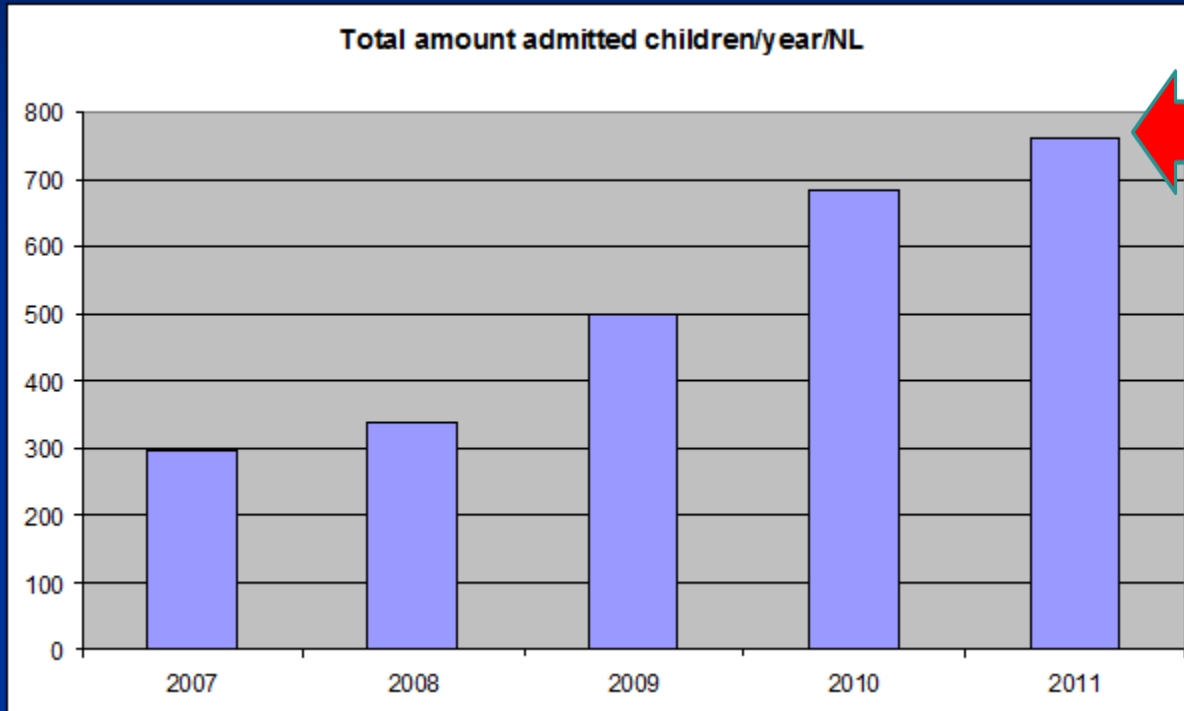
Results NSCK Nationwide

- **General and demographic**
 - Family situation/ school performance
 - Culturale background
- **Info of the hospitalization**
 - Blood alcohol level
 - Usage of other medication/ drugs
- **Background of the patient**
 - ADHD? Autisme?
 - Parental involvement

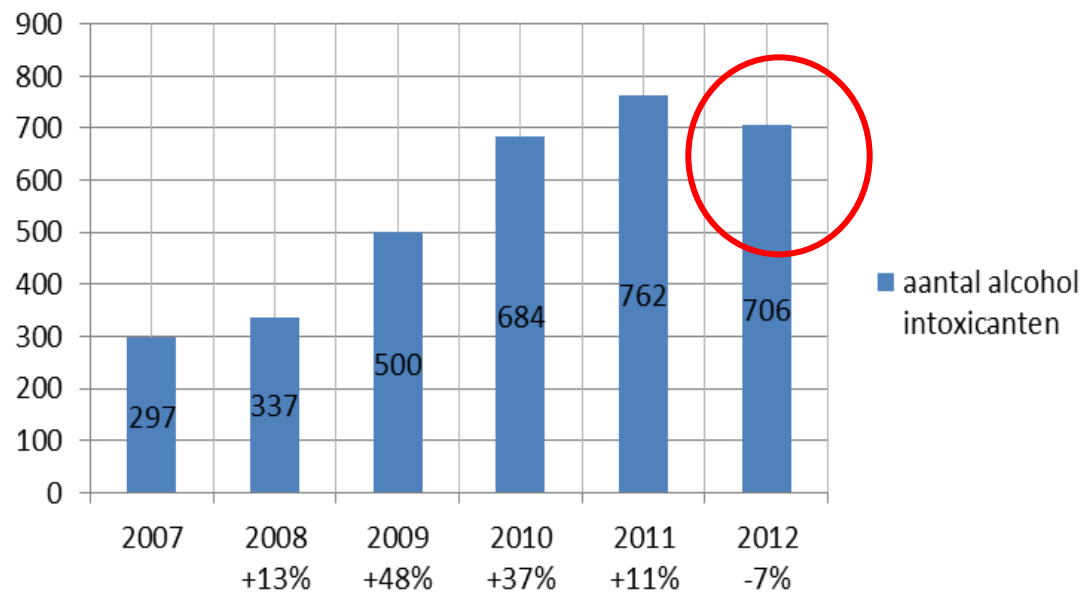


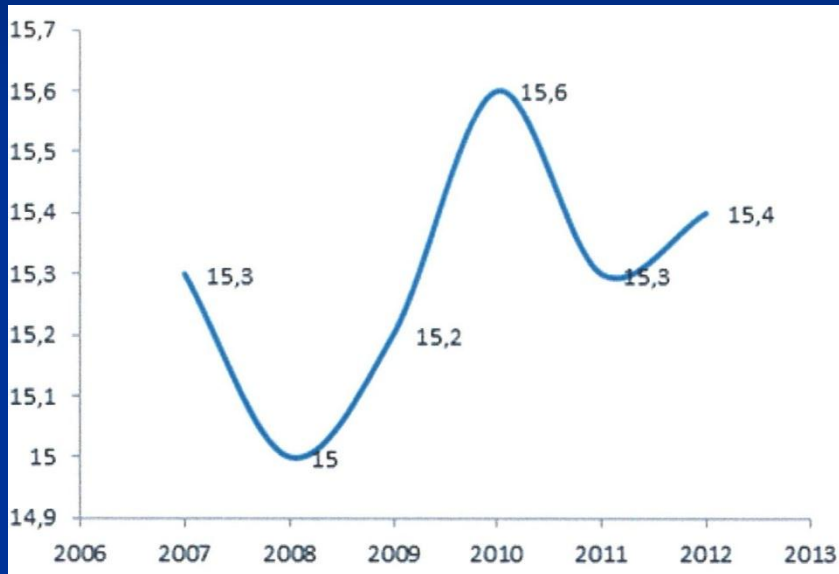
Total number

Number of alcohol intoxicated adolescents admitted in the The Netherlands in 2007, 2008, 2009 and 2010.

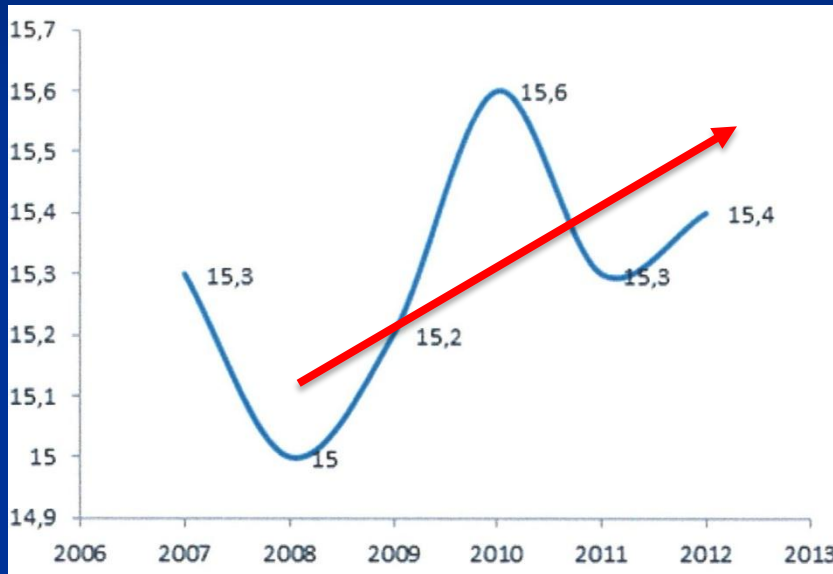


aantal alcohol intoxicanten

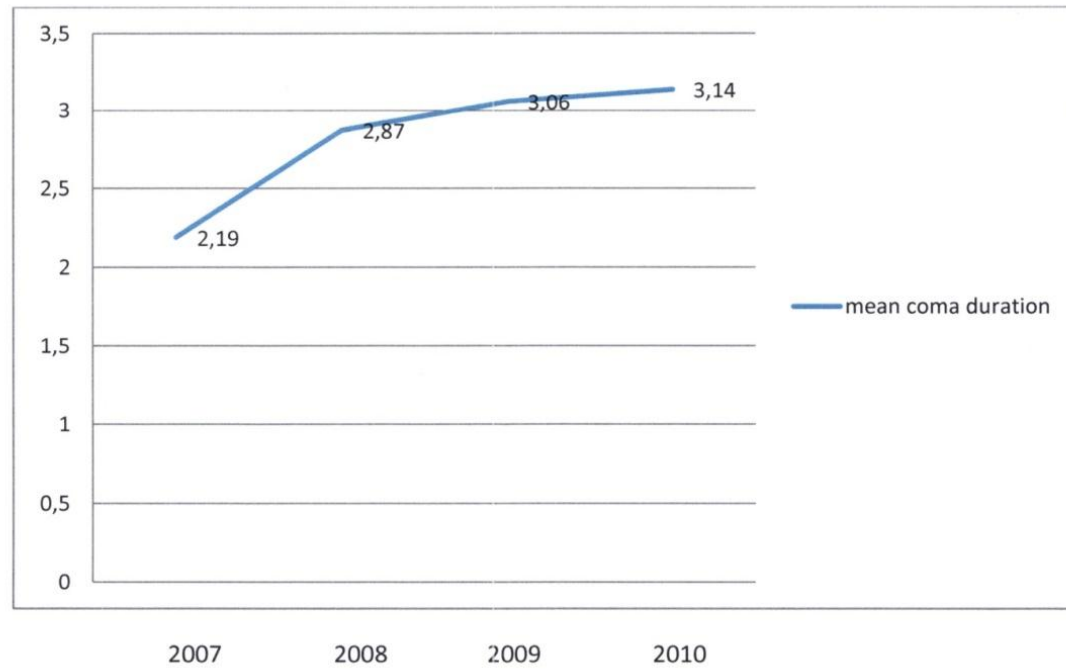




Mean age at admission

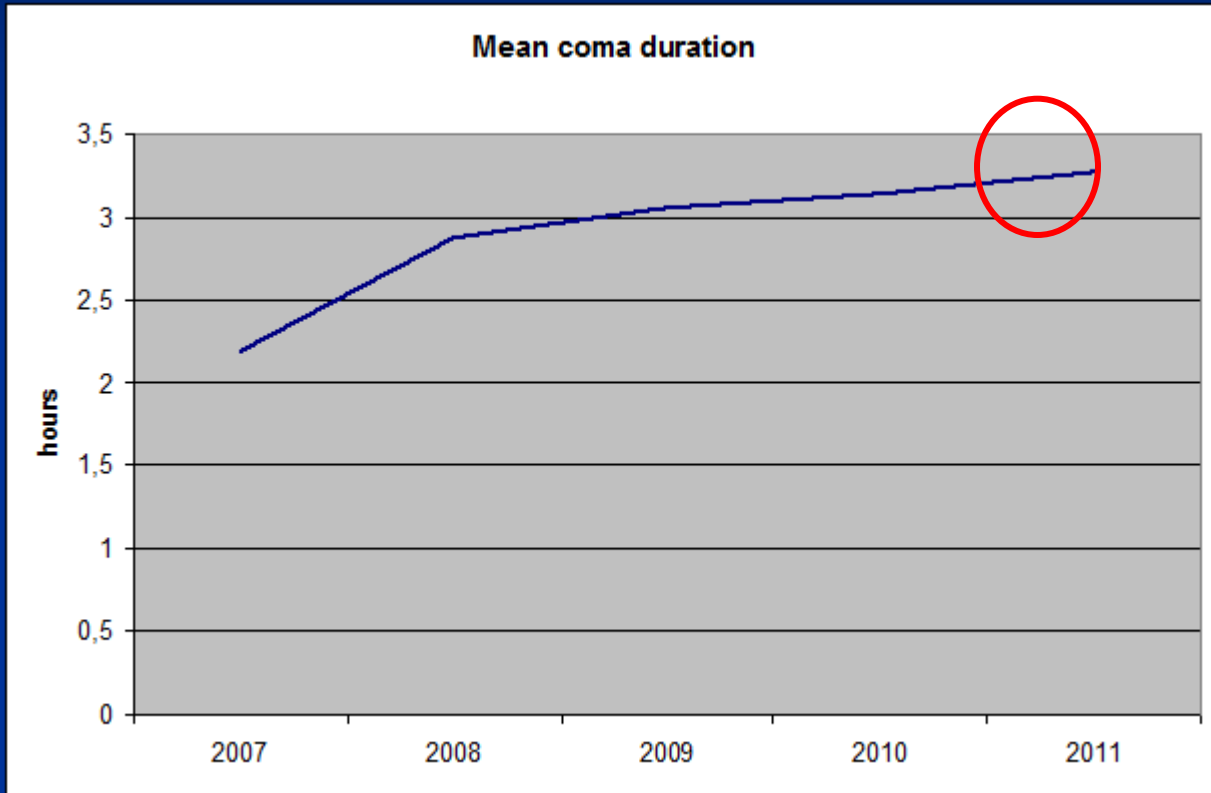


Mean age at admission



Mean duration coma (hr)

Mean duration of coma (hr)

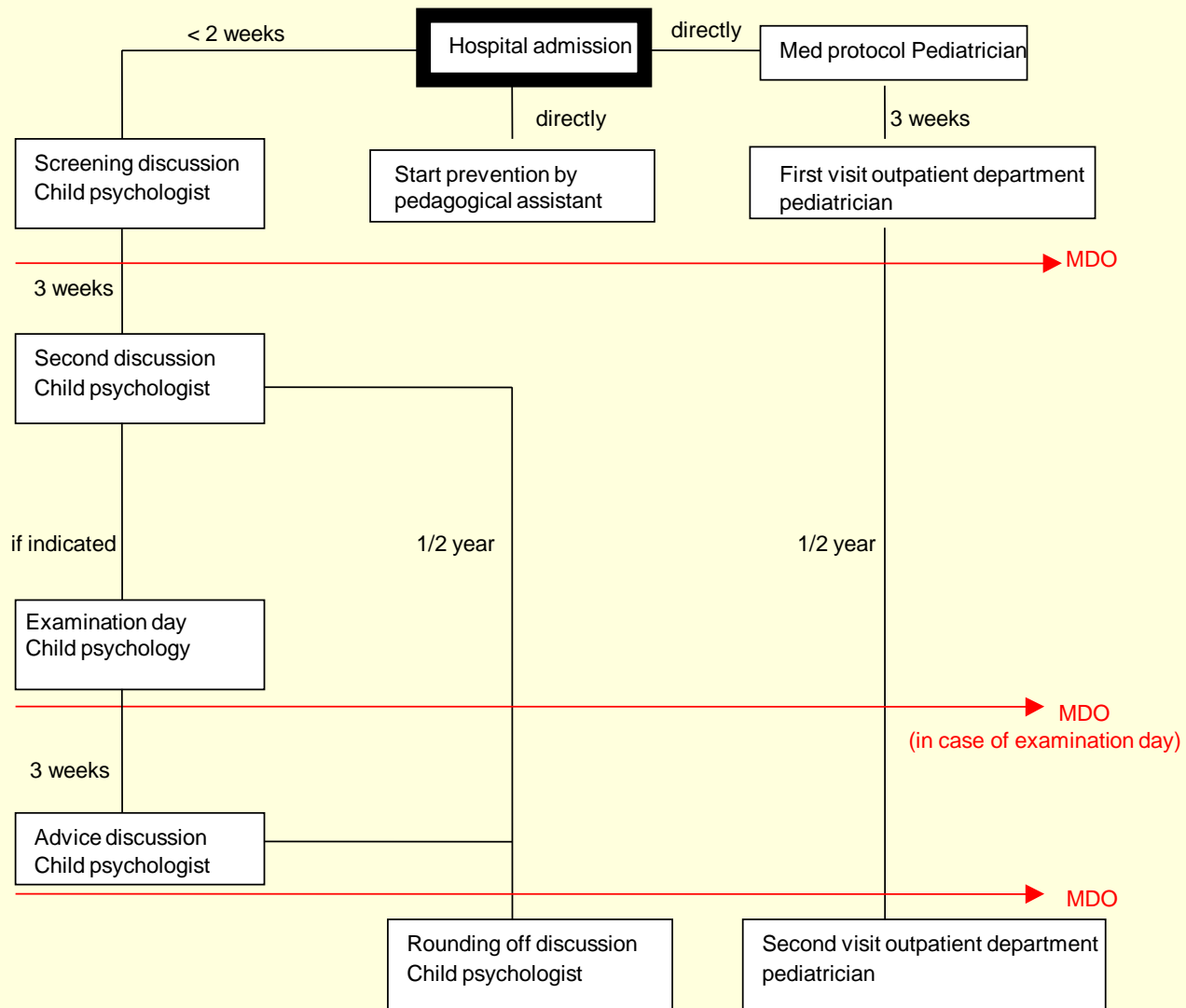


- **Dutch Pediatric Surveillance System (NSCK)**
- **Prevention Intervention System**

Prevention Intervention System

- **Collaboration Pediatric and Neuropsychological activities**
- **Uncover underlying pathology**
- **Prevent repetition of admission**
- **Transfer of knowledge to child and parents**
- **Investigates damage of alcohol on the brain**

Prevention Intervention System











Primary Aims program

- Reduction of the recurrence risk of admission
- Behavioral change in Youth
- Behavioral change in Parents
- Signal psychological and psychiatric problems

Primary Aims program

- Reduction of the recurrence risk of admission 97 %
- Behavioral change in Youth 85 %
- Behavioral change in Parents 82 %
- Signal psychological and psychiatric problems 89 %

Results In Toto

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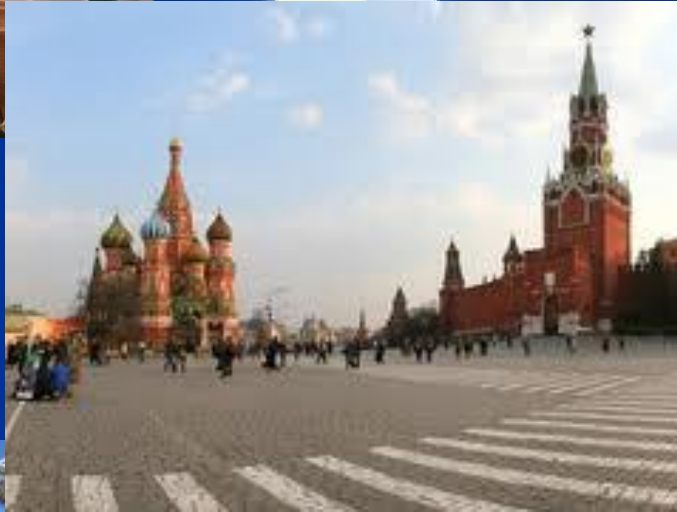
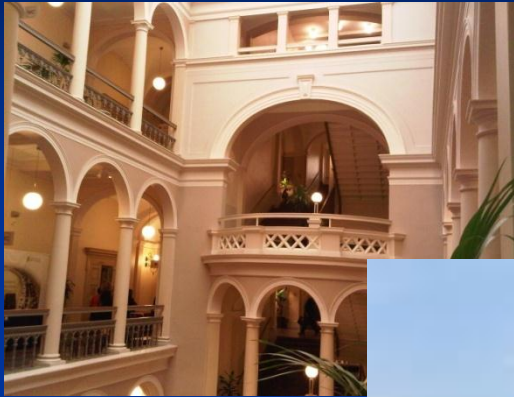
Interest from.....











"Building a Supportive Environment for Children"



13th Asian Pacific Congress of Pediatrics

and 3rd Asian Pacific Congress of Pediatric Nursing

October 14-18, 2009

Shanghai International Convention Center



Organized by the Chinese Pediatric Association under the Auspices of the Chinese Pediatric Association and the International Pediatric Association
Scientific Program managed by the International Pediatric Association

**The 13th Asian Pacific Congress of Pediatrics
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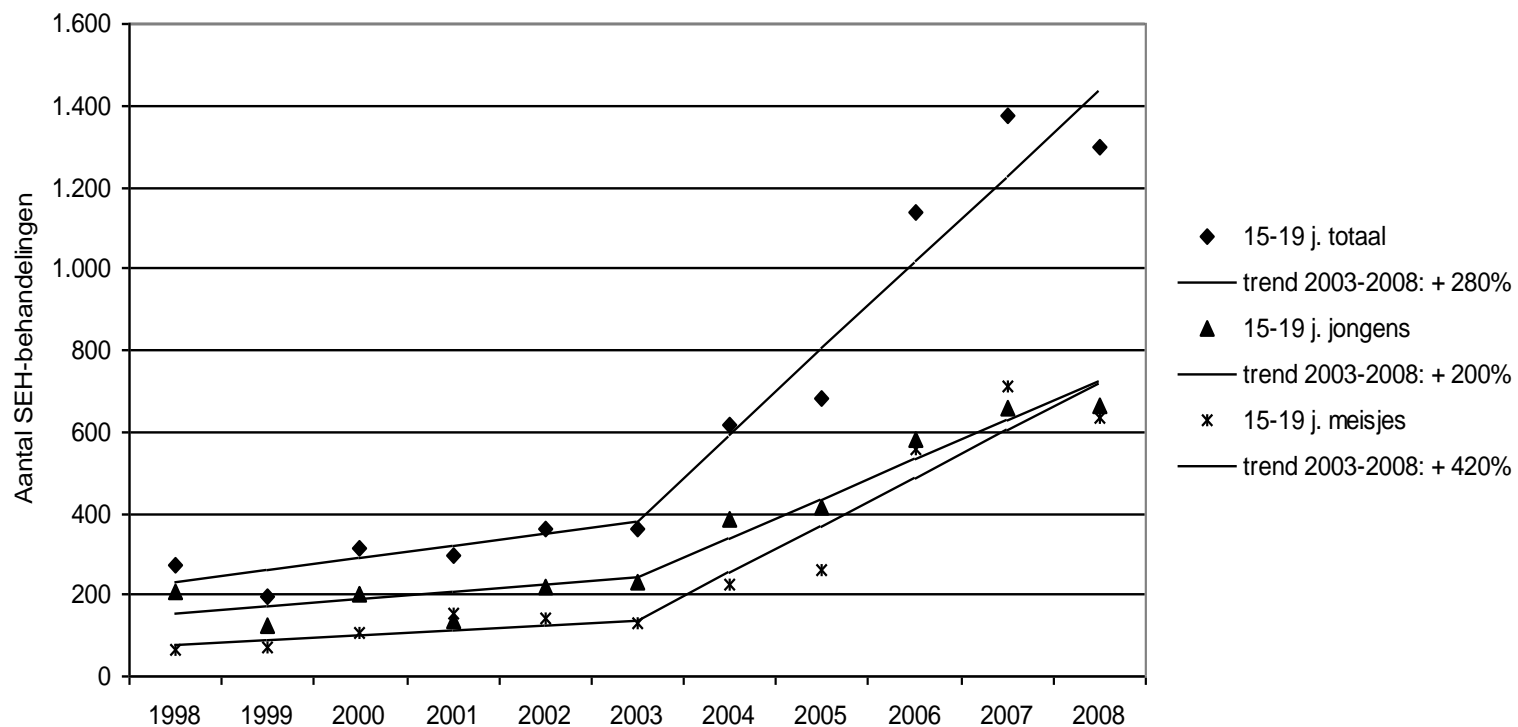
**October 14-18, 2009
Shanghai, China**

van der Lely RdGG 2013

We even studied...

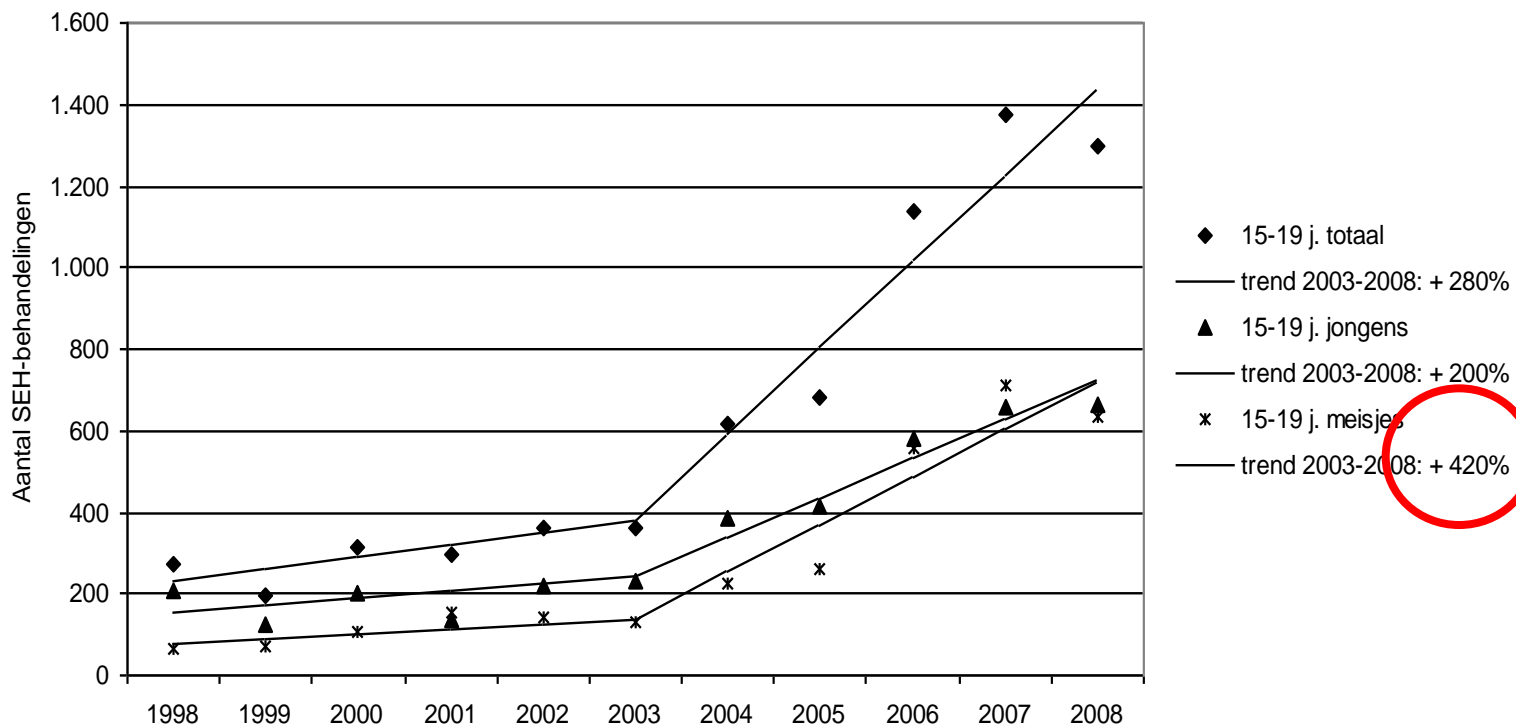
Number of alcohol related First Aid treatments among 15 – 19 yr olds

Trend in het aantal SEH-behandelingen i.v.m. een alcoholvergiftiging bij 15- tot en met 19-jarigen



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Summary

- **Dutch Pediatric Surveillance system:**
Alcohol intoxication among adolescents is an emerging problem.
- In the Netherlands, special policlinics for children with alcohol intoxication have already been established and are successful.
- Time for more European collaboration ! ?

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For further information...

Contact information

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Alcoholpoli - Youth & Alcohol polyclinic - Windows Internet Explorer wordt aangeboden door Reinier de Graaf Groep

Bestand Bewerken Beeld Favorieten Extra Help

Vorige Zoeken Favorieten

Adres <http://www.poliklinikjeugdenalcohol.nl/EN/clinic-for-youth-alcohol.html> Ga naar



The Project

Youth & Alcohol polyclinic

Background

Protocol

Participating Hospitals

Documents

Links

Working group




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Jeugd en alcohol

Youth & Alcohol polyclinic

In December 2006, the children's ward of Reinier de Graaf Groep established the first specialist surgery for children with alcohol problems in the Netherlands.

The surgery was established at the initiative of Dr. N. van der Lely (paediatrician) and Ms M.D.C. de Visser (child and youth psychologist).



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Internet


www.poliklinikjeugdenalcohol.nl

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**Thank you for your
attention**