



Waterpokken in de Tropen; Onschuldige kinderziekte?

Koen Hulshof
Public Health Saba

(potentiële) belangenverstrengeling	Geen / Zie hieronder
Voor bijeenkomst mogelijk relevante relaties met bedrijven	Geen
• Sponsoring of onderzoeksgeld • Honorarium of andere (financiële) vergoeding • Aandeelhouder • Andere relatie, namelijk ...	• Geen • • •

Nederlandse Tropen!



Waterpokken in de Tropen



- Gematigd: >95% immuun 12 jr
- Tropen: <50% immuun 12jr
 - Virus eigenschappen
 - Blootstelling
 - Klimaat
- Latere leeftijd van infectie → meer complicaties & meer zwangeren met varicella

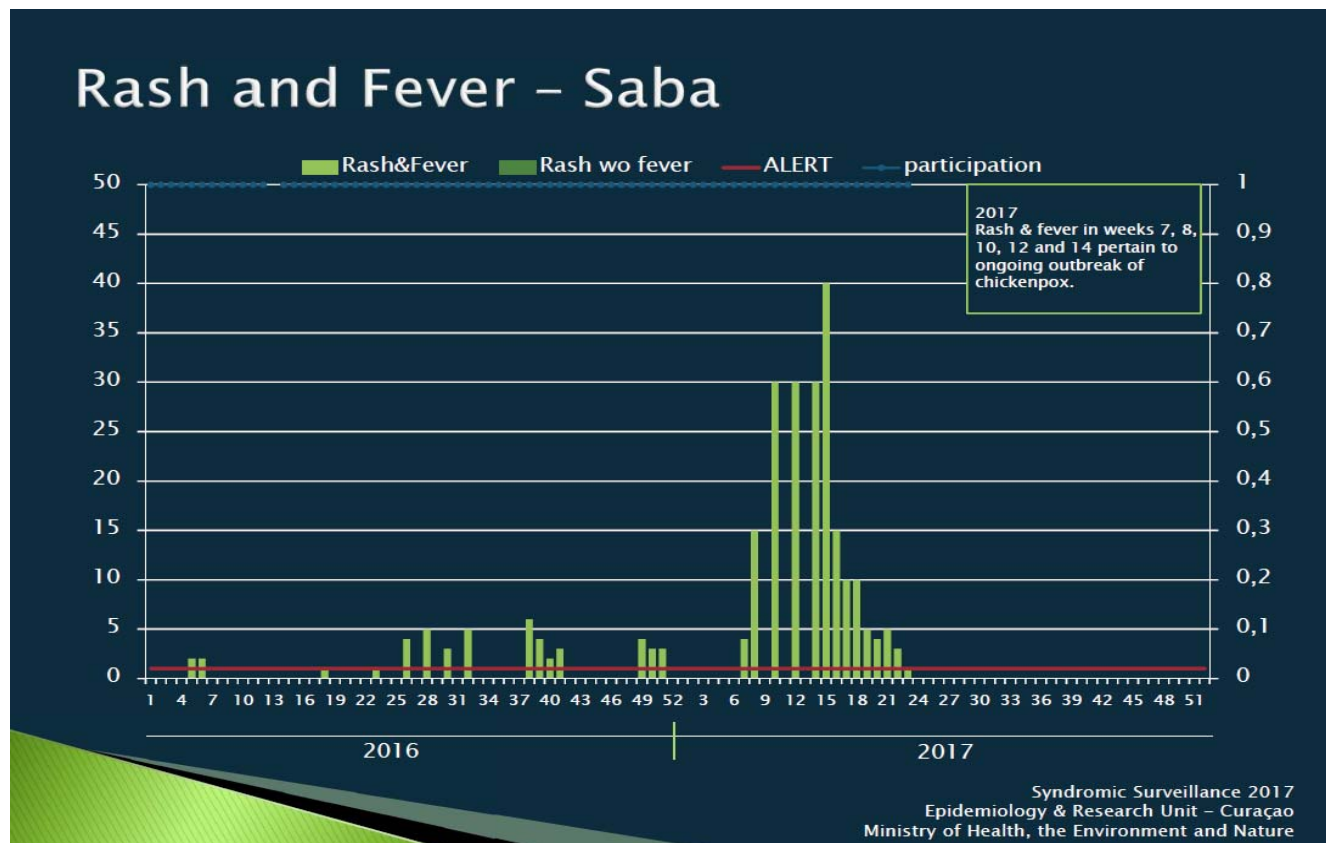
Waterpokkenuitbraak Sab



- ± 2000 inwoners
 - 350 <19jr
 - 400-500 studenten en docenten medical school



Waterpokkenuitbraak Saba



- Totaal ruim 250 zieken

Waterpokkenuitbraak Sab



- Vooral kinderen en hun ouders ziek
- 3 zwangeren met waterpokken
 - aciclovir
- Meerdere ouderen heftig ziek
 - valaciclovir
- 2 varicella pneumonieën medevacs
SXM

Water Pollution



- Zeer v
- Grote

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Julio Levenstone How can u limit it if they are told to go school or work

Like - Reply - Message - 42w

June Every Going down.... really PHD??? it is far from being under control. I will speak out on it because my child is now affected by it. If the first child that brought the pox to the island had been kept at home and not sent to school to share the germ, I'm sure this epidemic could of been avoided! Yes, I blame the child's parents for this outbreak!! People need to use common sense!

Like - Reply - Message - 41w

Public Health Department Saba Sorry to hear that Ms June. Allowing children back early is certainly not intended to have more children infected: it sounds counterintuitive indeed, but excluding children has just not been shown to slow down transmission within a school setting. Unfortunately, this outbreak shows that evidence based decisions do not always have the intended result. I hope your child will feel better soon.

Like - Reply - Commented on by Koen Hulshof [?] - 41w

Alison Hassell Ashley-Bree Hassell thank you because that is exactly what I was going to say! If a child is allowed to go to school that same child should be allowed to seek medical attention at the hospital. A little late to worry now though since it has been spread throughout the island, but I'm sure that was intended!!

Like - Reply - Message - 42w - Edited

Sandra Agatha Johnson Let's see. You will all need at least 3 people to come from Holland on an all expense paid vacation, to tell you in various public meetings how to handle chickenpox. Of course they might have to wait to arrive after the outbreak has truly gone down. An... See More

Like - Reply - Message - 42w

3 Replies

Julio Levenstone Kind a late

Like - Reply - Message - 42w

Debbie Fortune why dont they have the vaccinations? they are part of the kids reg vaccinations now here in the usa . time to get with the rest of the world . Im sure holland vaccinates against chicken pox along with measles and the rest of them.

Like - Reply - Message - 41w

View previous replies

Waterpokkenuitbraak Uitdagingen Saba



- Logistiek
 - Lab-bepaling immuunstatus >2 wkn
 - VZIG

Waterpokkenuitbraak Uitdagingen Saba



- Wering
 - Verschillende inzichten CDC-RIVM
 - Geen regionale richtlijnen
 - Geen wering → grootste uitbraak
 - Kleine eiland dynamiek
 - Airconditioning

Waterpokkenuitbraak Uitdagingen Saba



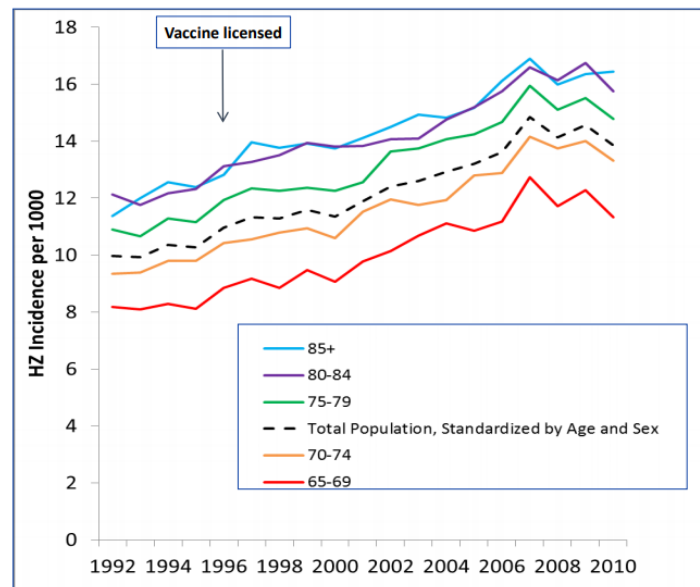
- Vaccinatie:
 - Deel van EPI/RVP in USA/Canada/Brazilië/Duitsland etc.
- Terughoudendheid elders:
 - Toename Gordelroos?
 - Gemiddelde leeftijd van infectie ↑?
 - Geen urgent gezondheidsprobleem

Waterpokken vaccinatie



- Effect op HZ

HZ Incidence, Medicare (Adults ≥ 65), 1992 - 2010



Hales C. et al., Ann Intern Med. 2013;159:739-745.

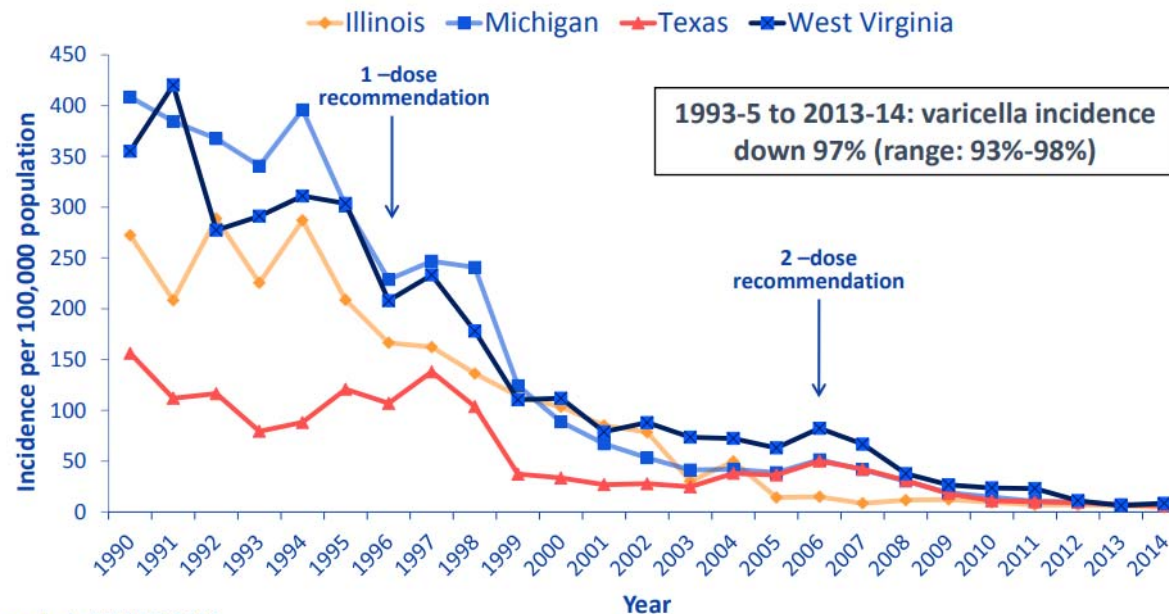
Hales CM, Harpaz R, Joesoef MR, Bialek SR (2013). Examination of links between herpes zoster incidence and childhood varicella vaccination. Annals of Internal Medicine. 159(11):739-45



Waterpokken vaccinatie

- Incidentie waterpokken in USA

Reported Varicella Incidence, 4 U.S. States 1990-2014



Lopez et al. MMWR 2016

Waterpokken vaccinatie

EXPERT REVIEW OF VACCINES, 2018
VOL. 17, NO. 2, 175–183
<https://doi.org/10.1080/14760584.2018.1418327>



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REVIEW



Varicella epidemiology in Latin America and the Caribbean

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Expert commentary: Varicella is a vaccine-preventable infectious disease, considered a 'benign disease' because of lower complication rates when compared with measles, pertussis. The incorporation of a two-dose varicella vaccine in national immunization schedules in all countries throughout LAC would be of great benefit to the health of the children.

at various regional medical conferences on the disease burden in LAC, the advances made by prevention programs, the available vaccines in the Region, and their immunogenicity, efficacy, effectiveness, and safety. The different national varicella-prevention vaccination programs were reviewed, as was available information regarding the impact of these programs on the epidemiology of varicella in those countries implementing a varicella vaccine strategy. Following that initial publication, an update was conducted, including data from additional countries in the Region.

Expert commentary: Varicella is a vaccine-preventable infectious disease, considered a 'benign disease' because of lower complication rates when compared with measles, pertussis. The incorporation of a two-dose varicella vaccine in national immunization schedules in all countries throughout LAC would be of great benefit to the health of the children.

epidemiology; seasonality;
complications



Conclusies

- Nederland ligt deels in de tropen!
- Waterpokken niet onschuldig
- Richtlijnen tegenstrijdig
- Varicella vaccinatie heroverwegen
 - GR werkljst 2019