

National campaigns to promote hand hygiene in Belgian hospitals: A continuous project.

« YOU ARE IN GOOD HANDS »

Background

Proper hand hygiene means:

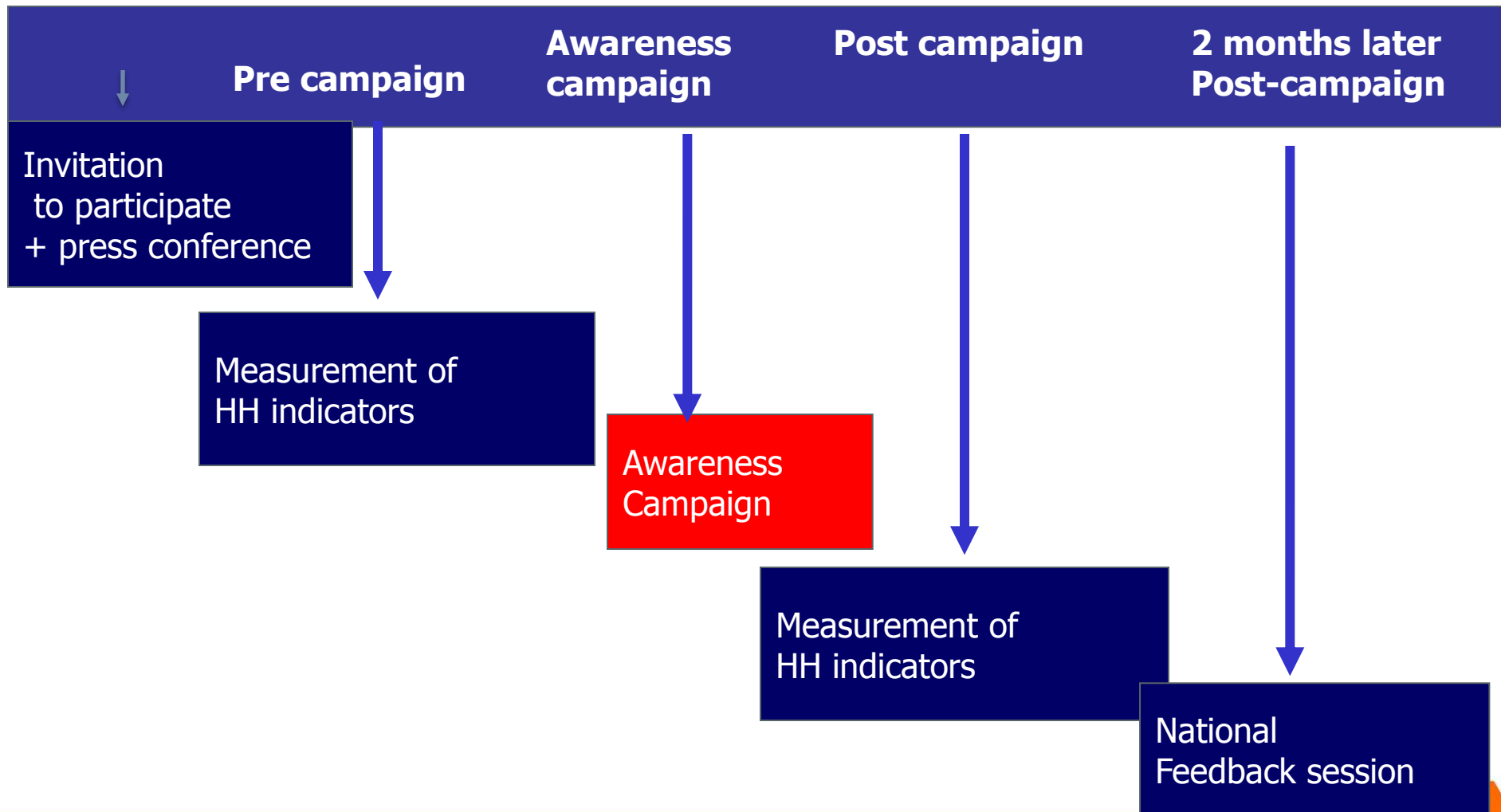
- ✓ Lower rates of HCAI (1.4 million affected worldwide)
- ✓ Shorter hospital stays
- ✓ Lower hospital cost

In Belgium*:

- 7.2% of hospitalised patients → almost 400M Eur/Yr.
- 1st campaign to promote HH in 2005
- Raise awareness on good HH practices
- Target HCWs and patients
- 46.9% compliance *before* campaign

* Point Prevalence Survey of Healthcare-associated Infections and Antimicrobial Use, ECDC, 2011
Impact on mortality and costs, KCE, 2008 , Belgium.

Planning



Campaign messages

Campaign	Messages
First	Hand hygiene, just do it ... and with alcohol rubs
Second	Hand hygiene, do it correctly
Third	Hand Hygiene, without jewels and with appropriate use of gloves
Fourth	Doctor, don't forget, it works and you are a role model
Fifth	Hand hygiene, do it certainly before any contact with the patient
Sixth	Hand hygiene, together with the patient



- > Infections
- > Hand hygiene

- > What can I do ?
- > The hospitals

- > For kids
- > Cough hygiene

[HOMEPAGE](#) [CONTACT US](#)

Discover your role in infection prevention !

[What can I do ?](#)



**Hand hygiene: talk about it to your healthcare provider.
Let's avoid infections together !**

Data entry and Feedback ([NSIHweb II](#))



- Available since the 5th campaign
- Compatible with mobile gadgets
- Userfriendly, password protected for secure data transfer
- Allow entry of accumulated data
- Data upload possible for denominator and hand alcohol data
- Possibility of data entry and feedback out of campaign
- Real time feedback
- Possibility to download own data for hospital analysis

Choisir période (Campagne ou Hors-campagne) :

Campagne

Choisir une période :

Post Campagne 2014

Choisir données pour tout l'hôpital, toutes les unités, ou pour une unité spécifique :

Unité

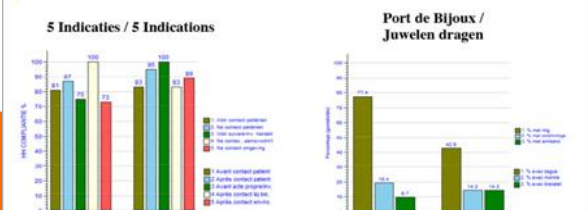
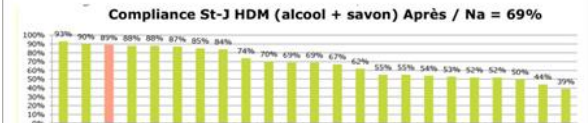
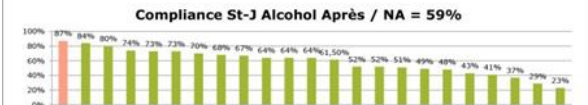
Choisir unité :

441

Type du fichier :

RTF

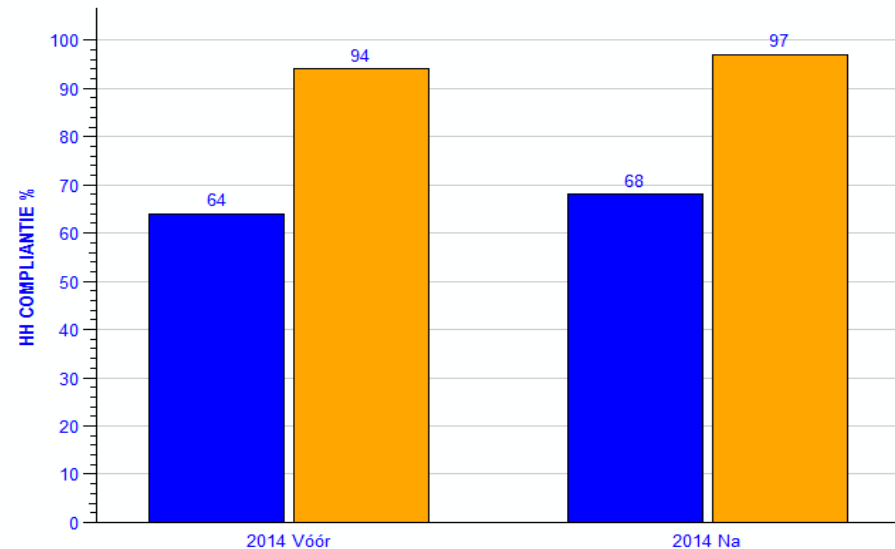
Génère



Globale percentage van handhygiëcompliance

Periode	Aantal geobserveerde eenheden (n)	Aantal geobserveerde opportuniteiten (n)	Totale observatieduur (Uren)	Observatieduur/ 10 opp. (Minuten)
2014 Vóór	2	639	22.1	21
2014 Na	2	190	3.0	9

Periode	Aantal geobserveerde opportuniteiten (n)	Handhygië Alcohol + zeep (n)	Globale percentage van compliance (%)	Handhygië Alcohol (n)	Percentage alcohol/alcohol+zeep (%)
2014 Vóór	639	408	64	383	94
2014 Na	190	130	68	126	97



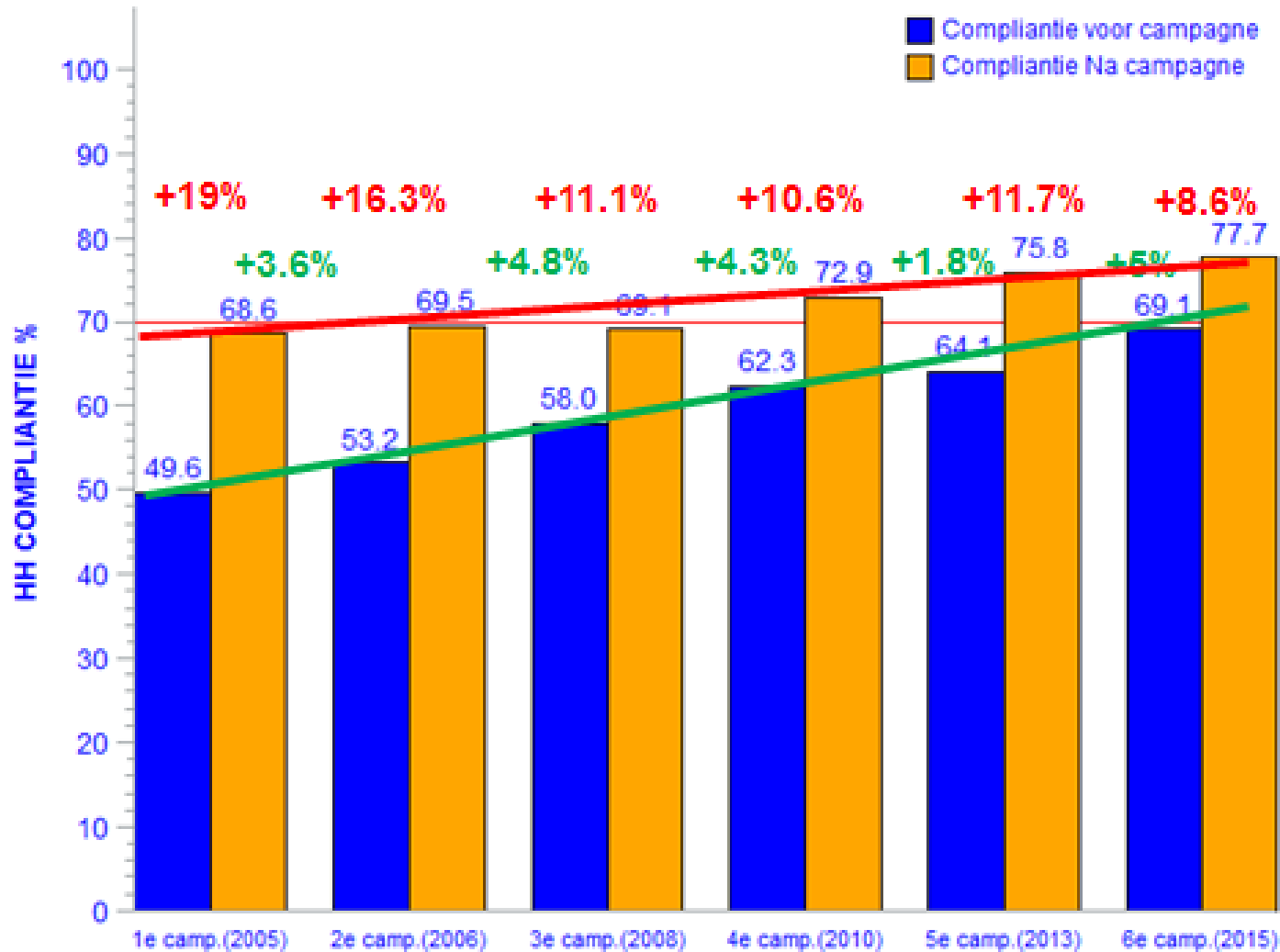
RESULTS

Participation/Number of opportunities

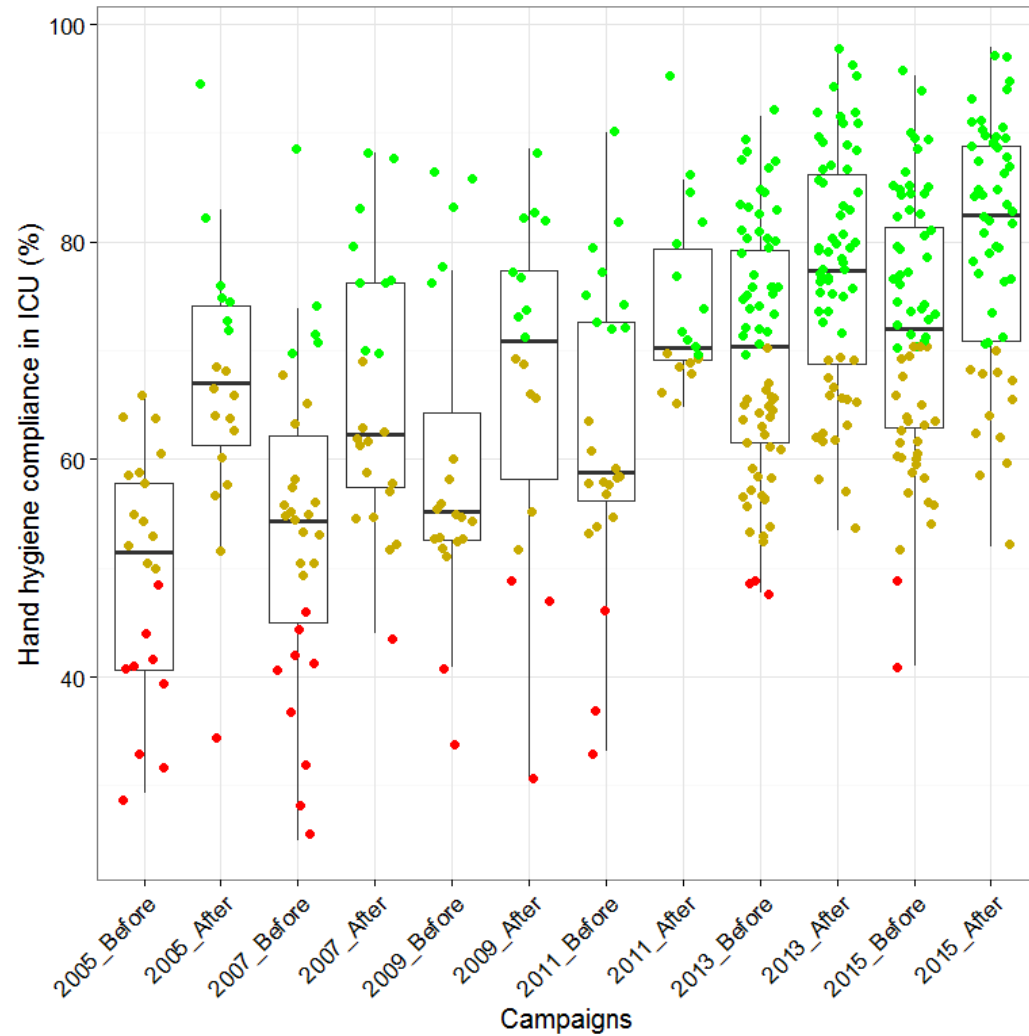
± 79%

Campaigns	Number of opportunities	
	Before campaign	After campaign
2004-2005	73 663	72 705
2006-2007	88 480	84 883
2008-2009	107 653	109 826
2010-2011	89 583	79369
2012-2013	123 204	115 599
2014-2015	117 411	104 186

HH compliance before vs after campaign



Compliance in ICU



Out of Campaign

	Number of Hospitals	Number of opportunities	Compliance %
Period 1*	40	32390	70
Period 2*	71	47360	71

*Period1 = Observations from 01/07/2013 – 09/11/2014

*Period2 = Observations from 01/07/2015 - 31/08/2016

- ✓ Compliance not very different from campaigns
- ✓ Need for more hospitals to use tool out of campaigns

Campaigns were successful

- High participation rate
- Increase of HH compliance at short and long term
- Alcohol rub is widely used
- Physician compliance increased during IVth campaign

To be improved:

- HH compliance before contact
- More data entry out of campaign

Perspectives: The 7th campaign

Measurement	Periode (dates)
Pre campaign	14/11/2016 – 18/12/2016
Campaign	27/02/2017 – 31/03/2017
Post campaign	15/05/2017 – 18/06/2017

Patient is partner in HH

- ❖ Measurement of the impact of the campaign on the patient via a patient survey.

Implication of hospital management

- ❖ To show everyone (also the patient) that hand hygiene is a priority for patient safety
- ❖ HH improvement has to become an institutional project

New **e-learning modules** for healthcare workers education.

The Hand Hygiene working group



Francine De meerleer

Aldo Spettante

Patricia Taminiau

Roger Haenen

An Willems

Tina Debeer

David De Wandel

Leen Popleu

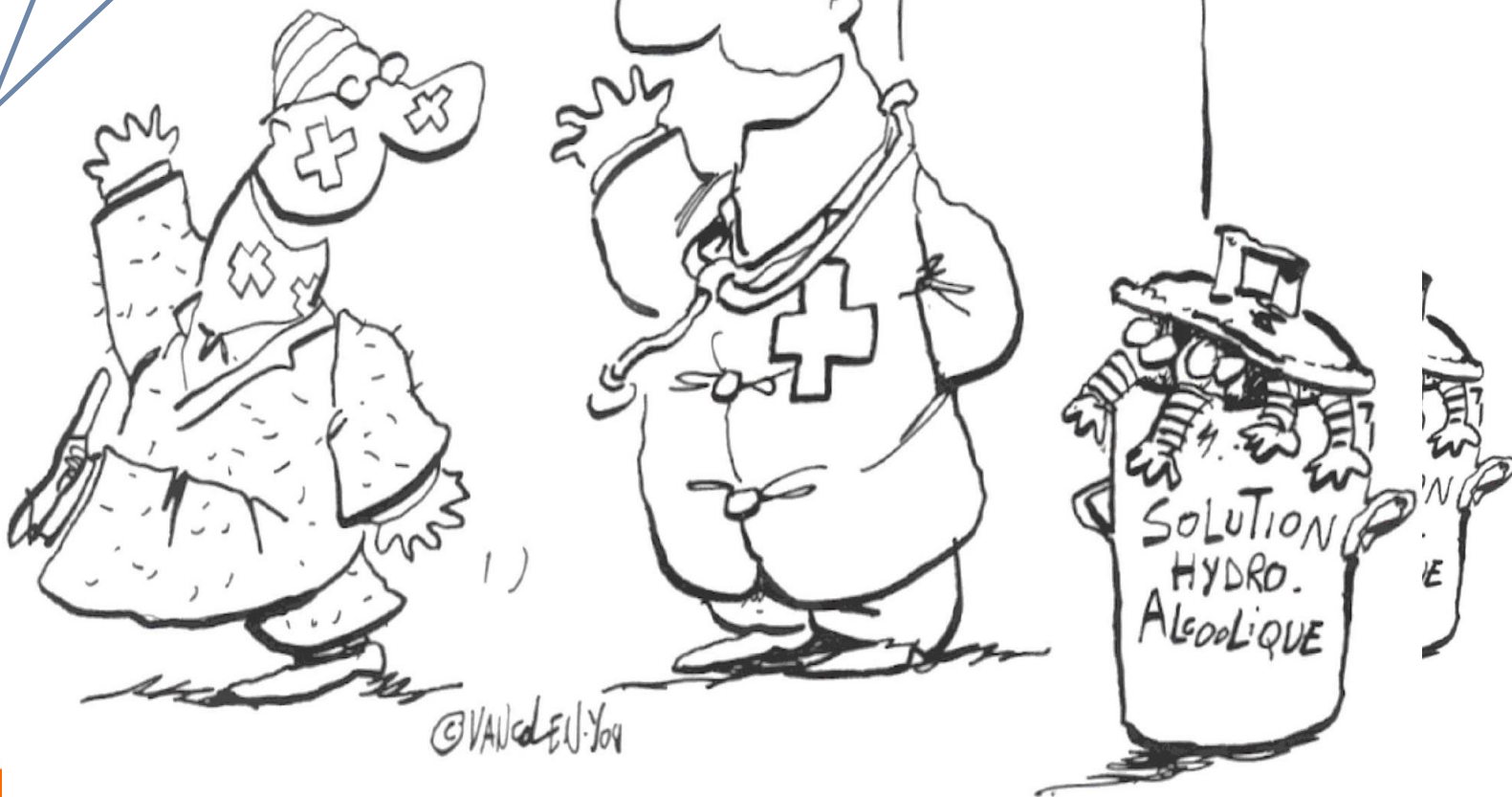
Boudewijn Catry

Sylvanus Fonguh

Anne Simon

Annie Uwineza

Merci de votre attention et
beaucoup de succès pour
la 7^{ème} campagne!



Thank you.



NL:

<https://www.youtube.com/watch?v=EpO5kfU0EdU>

FR:

<https://www.youtube.com/watch?v=6r63HXUMn1g>