

Avalanche Victim Resuscitation Checklist

Avalanches in Switzerland 2014 - 2015

From theory to practice



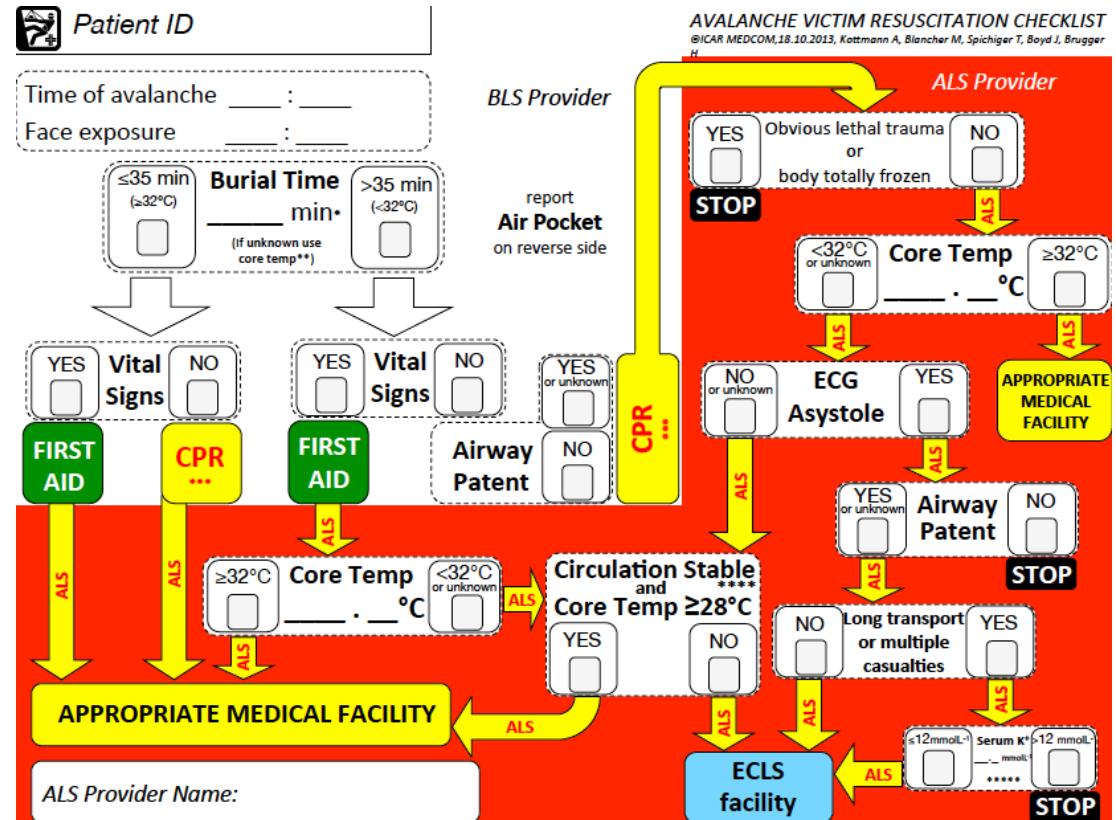
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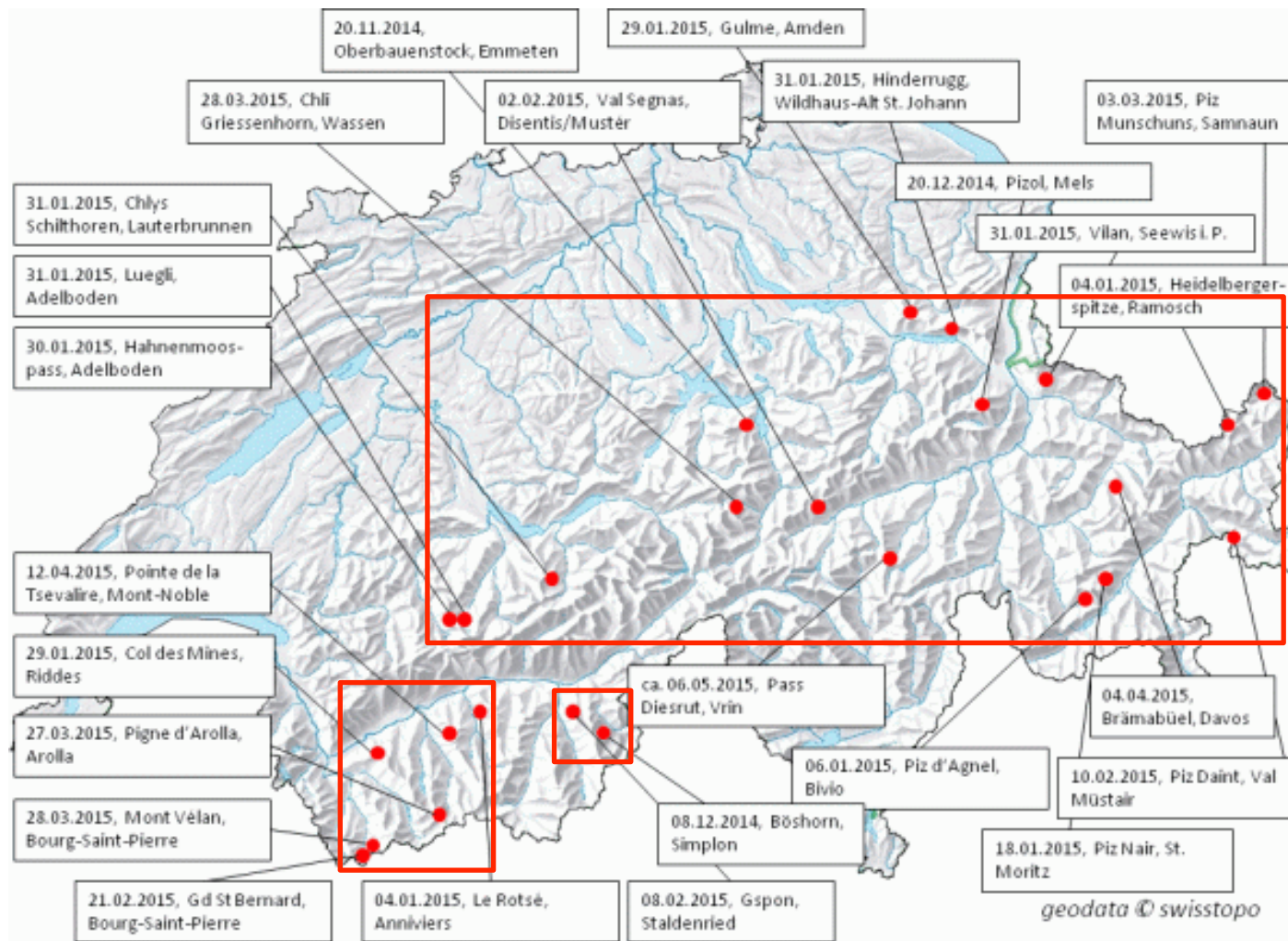
Concept approved by ICAR MedCom in 2014

But is it working in the real world?

First steps for testing in Switzerland 2014 - 2015 winter saison



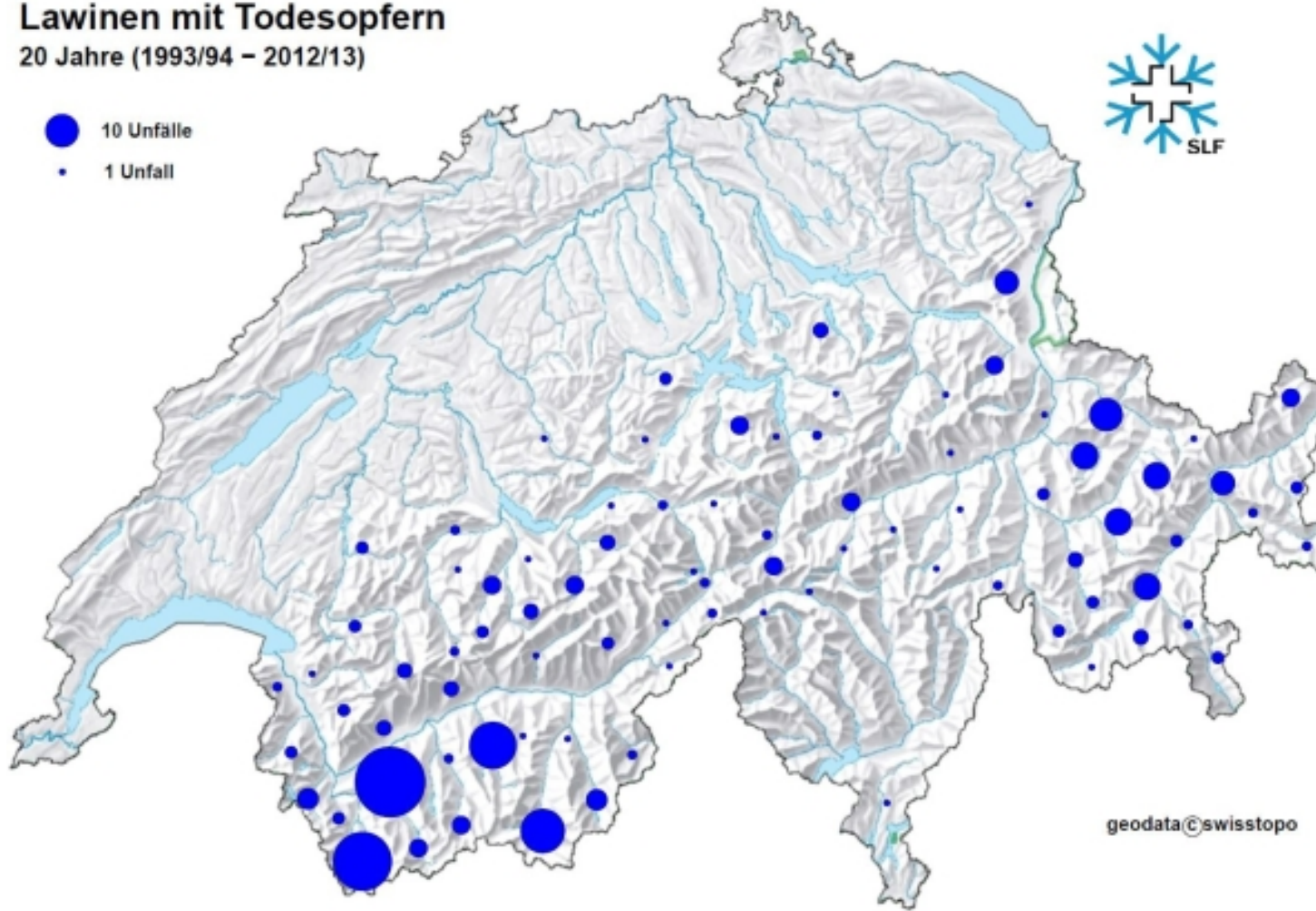
Avalanche death 2014-2015



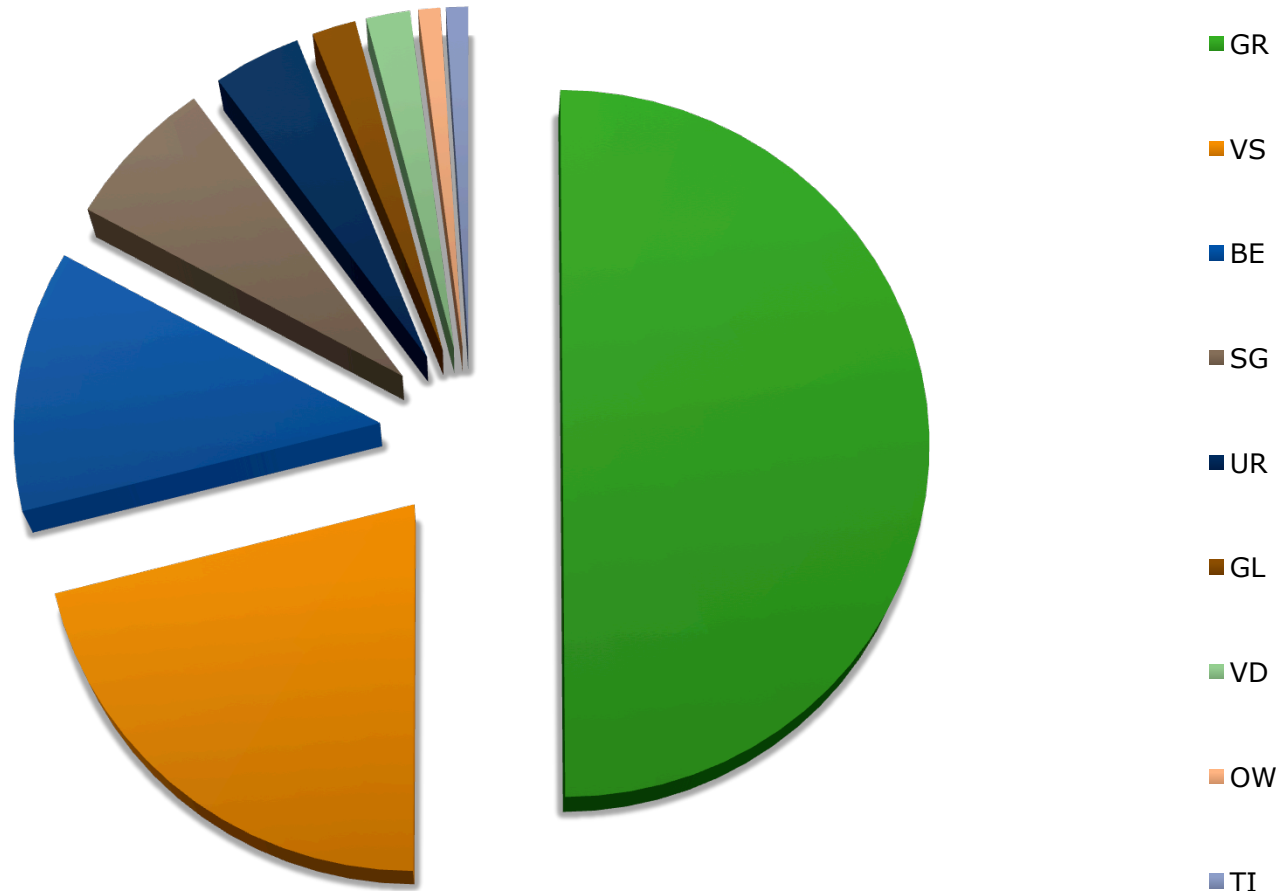
Distribution

Lawinen mit Todesopfern
20 Jahre (1993/94 – 2012/13)

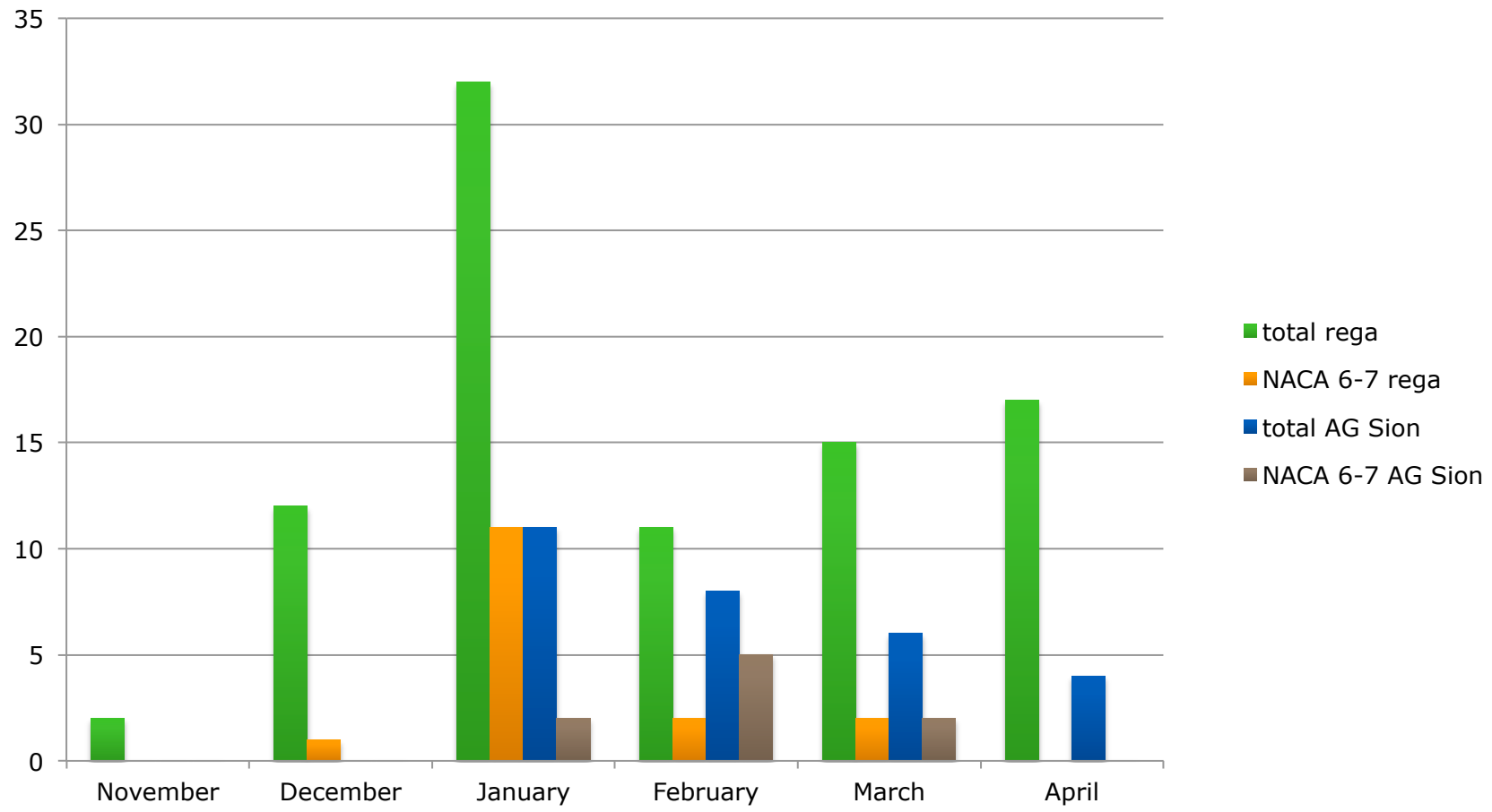
- 10 Unfälle
- 1 Unfall



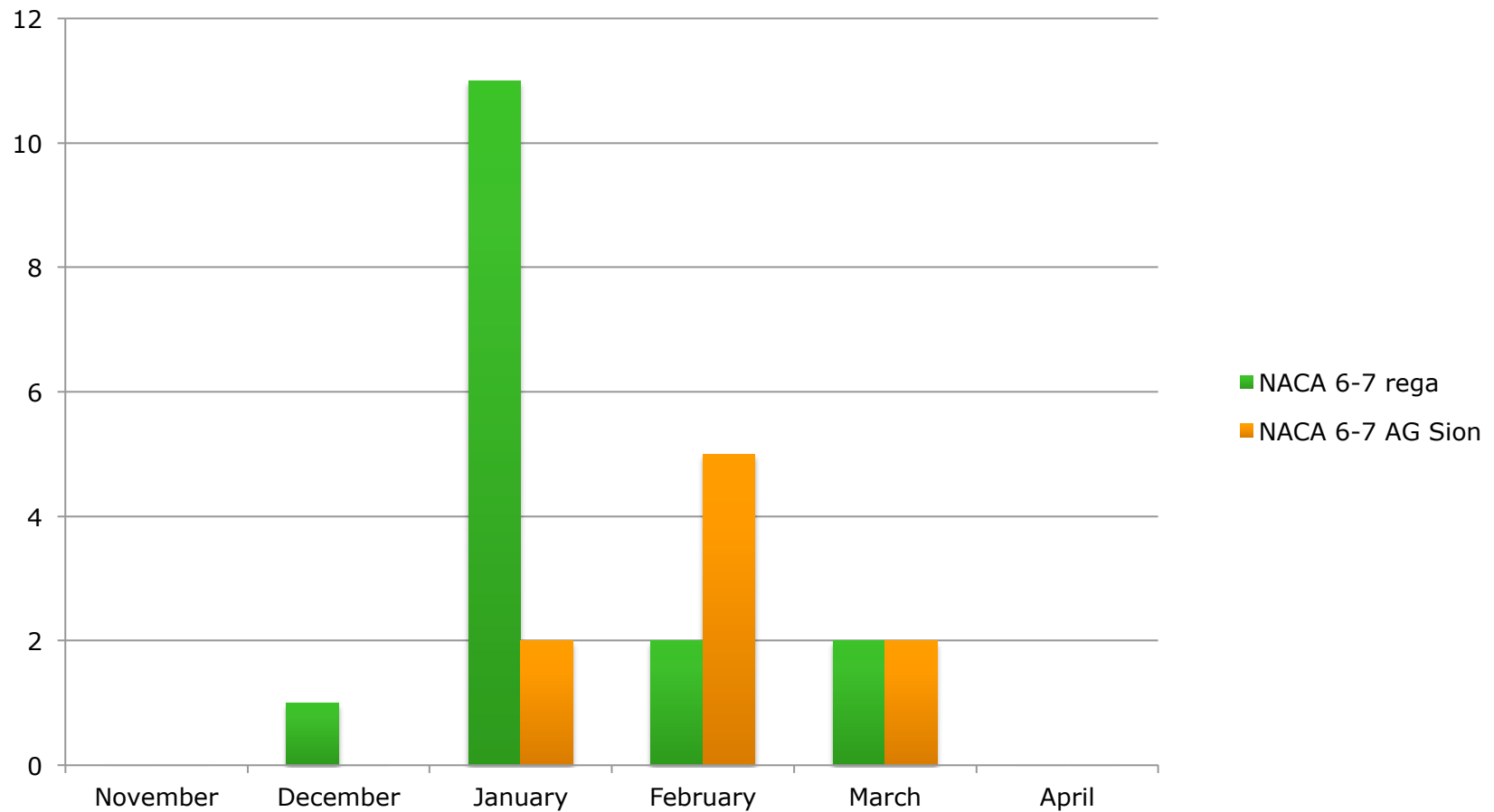
Distribution 2014-2015



Avalanches 2014-2015

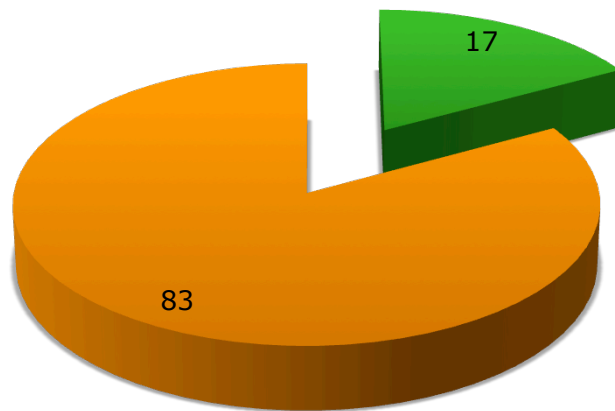


Avalanches with resuscitation



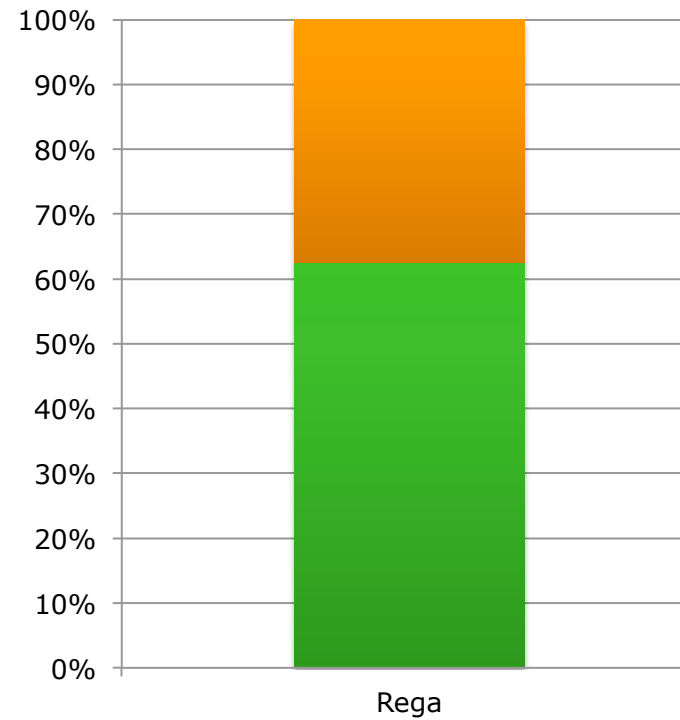
Rega n=16 / AG Sion n=9

Adherence in Switzerland



n=100 avalanches

■ AVRC ■ X AVRC



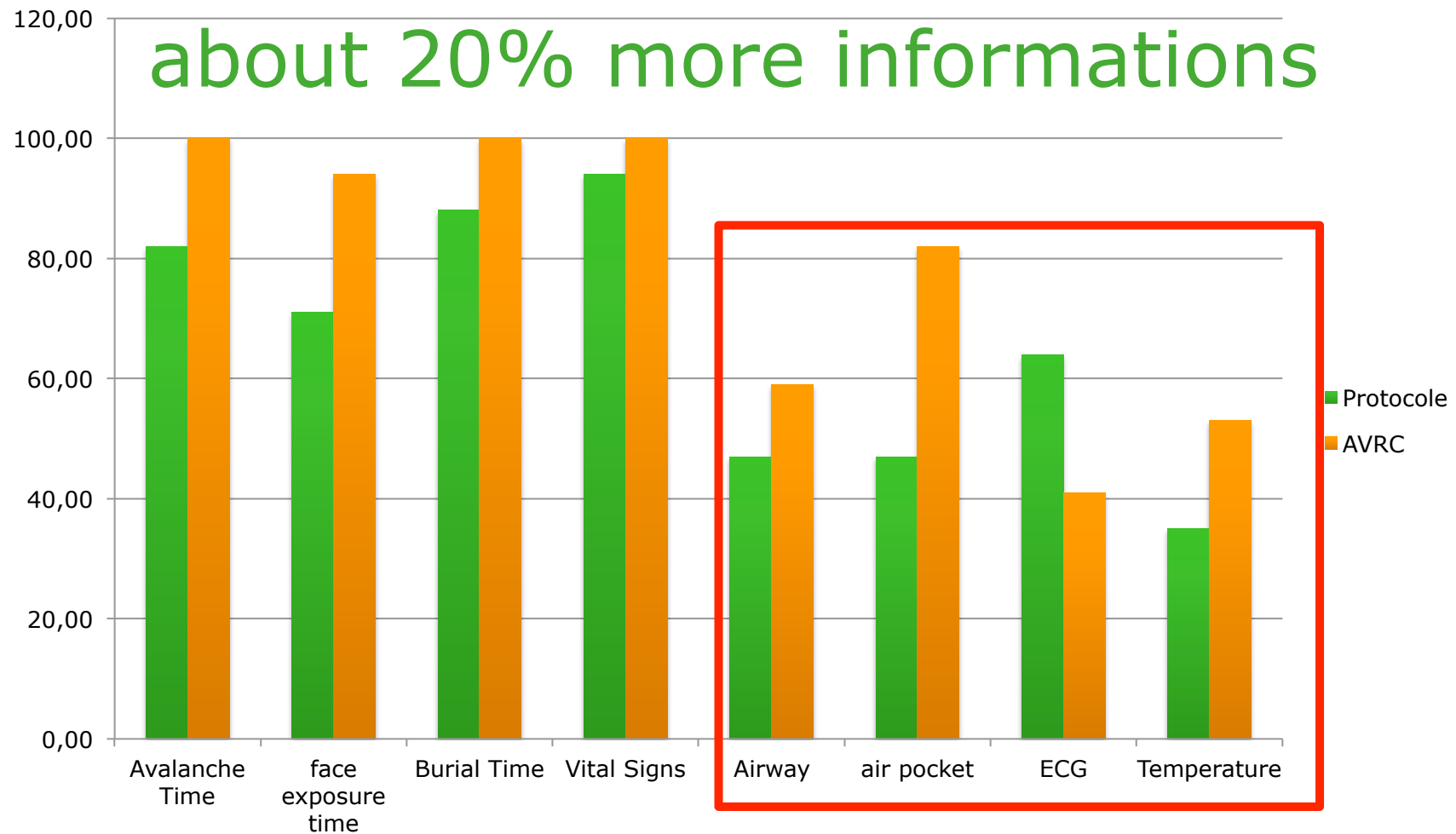
n=16 NACA 6/7

First experience in the field

- Mostly first time use
- Teaching ppt was sufficient to manage the case
- The AVR Checklist helped the HEMS doctor
- Mostly filled out with pencil
- During flight to hospital or at the hospital
- Sometimes used as a guide but not filled out.

Results Avalanche Victim Resuscitation Checklist

Information on Check list Vs Informations on medical file same sample



n = 15 mission where Checklist has been used

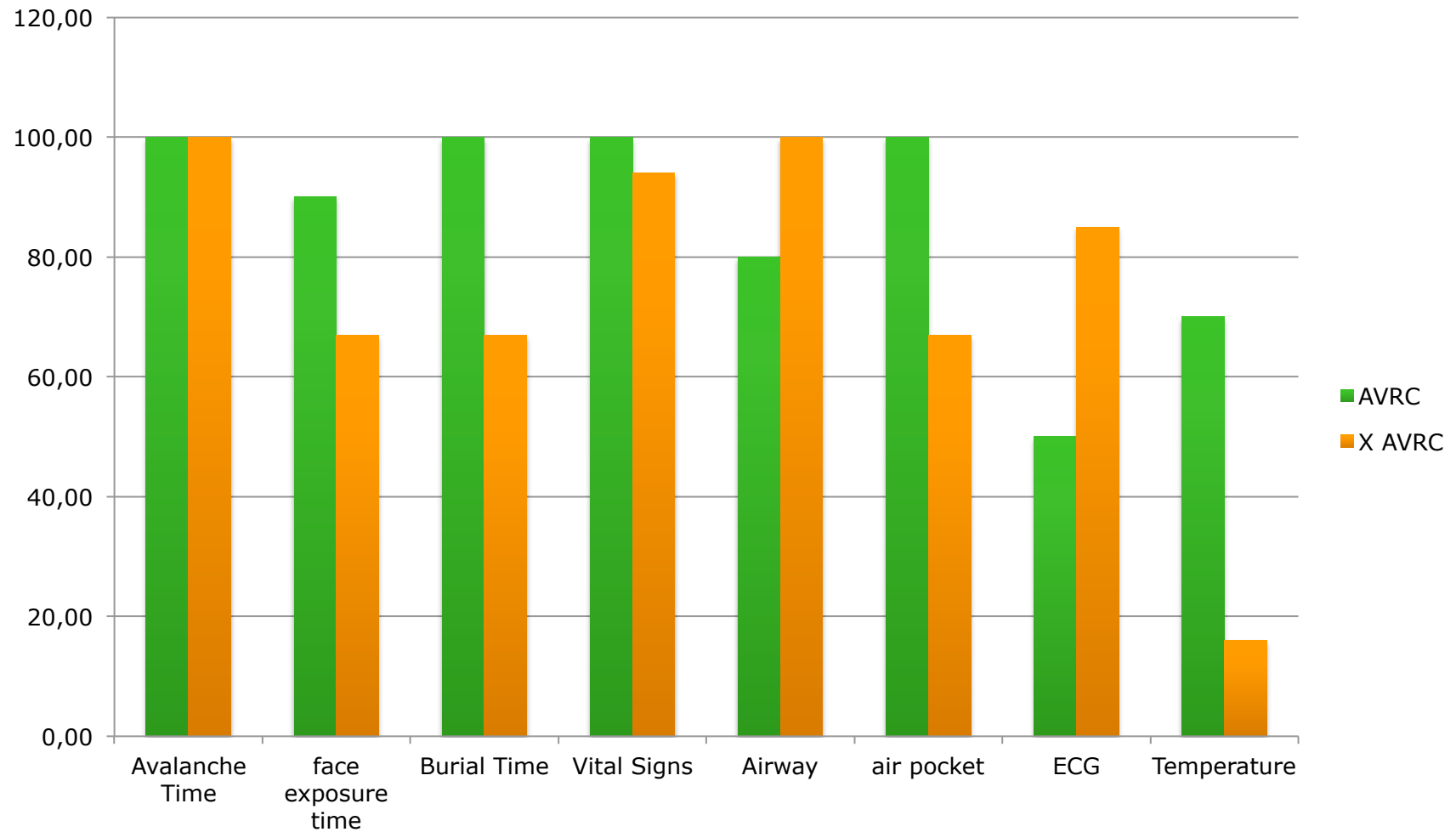
Results

Avalanche Victim Resuscitation Checklist

- 100% treated respecting the algorithm
- Checklist works: more information for same patient

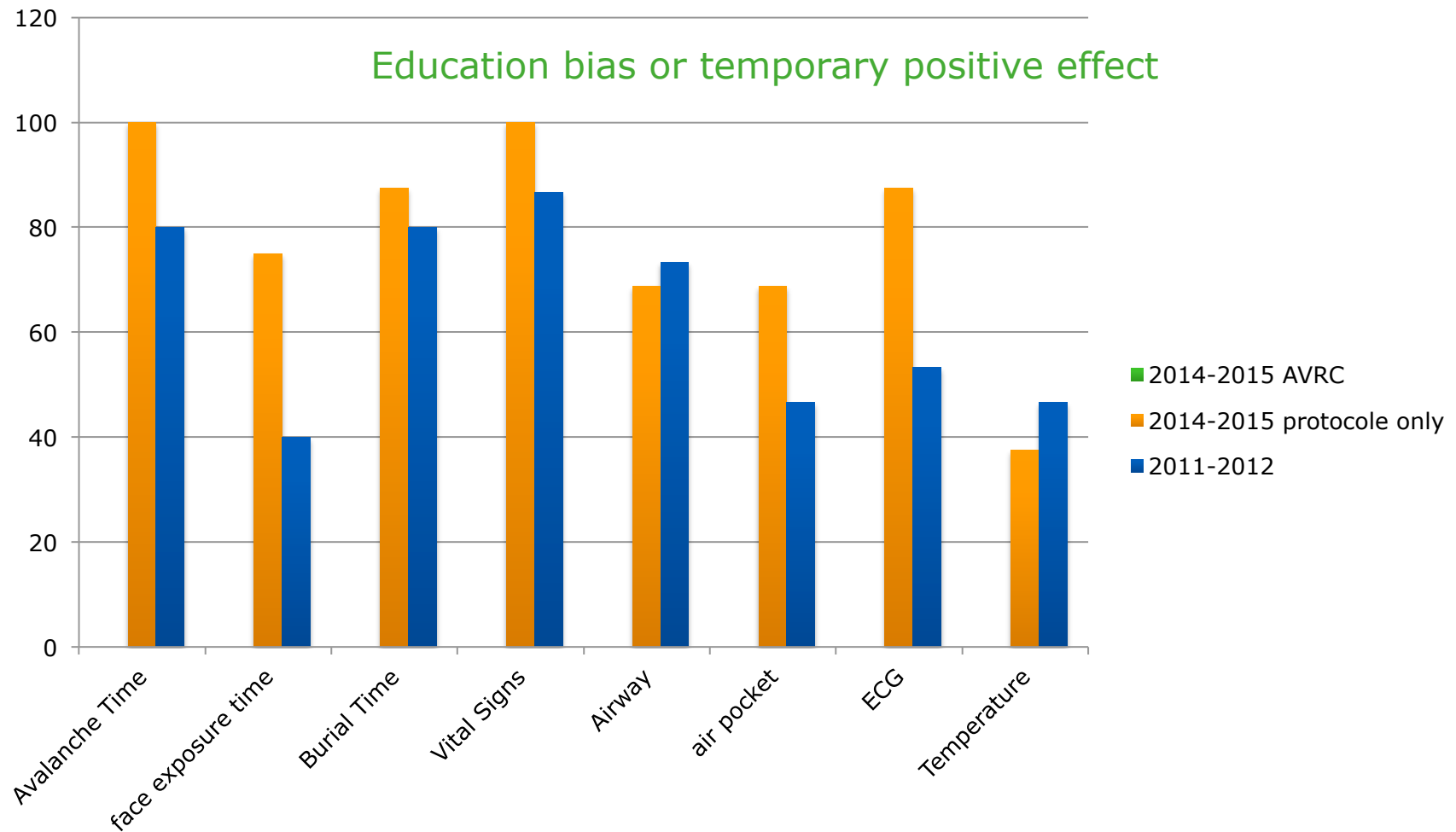
Results Avalanche Victim Resuscitation Checklist

Available Informations when using the Checklist Vs NOT USING



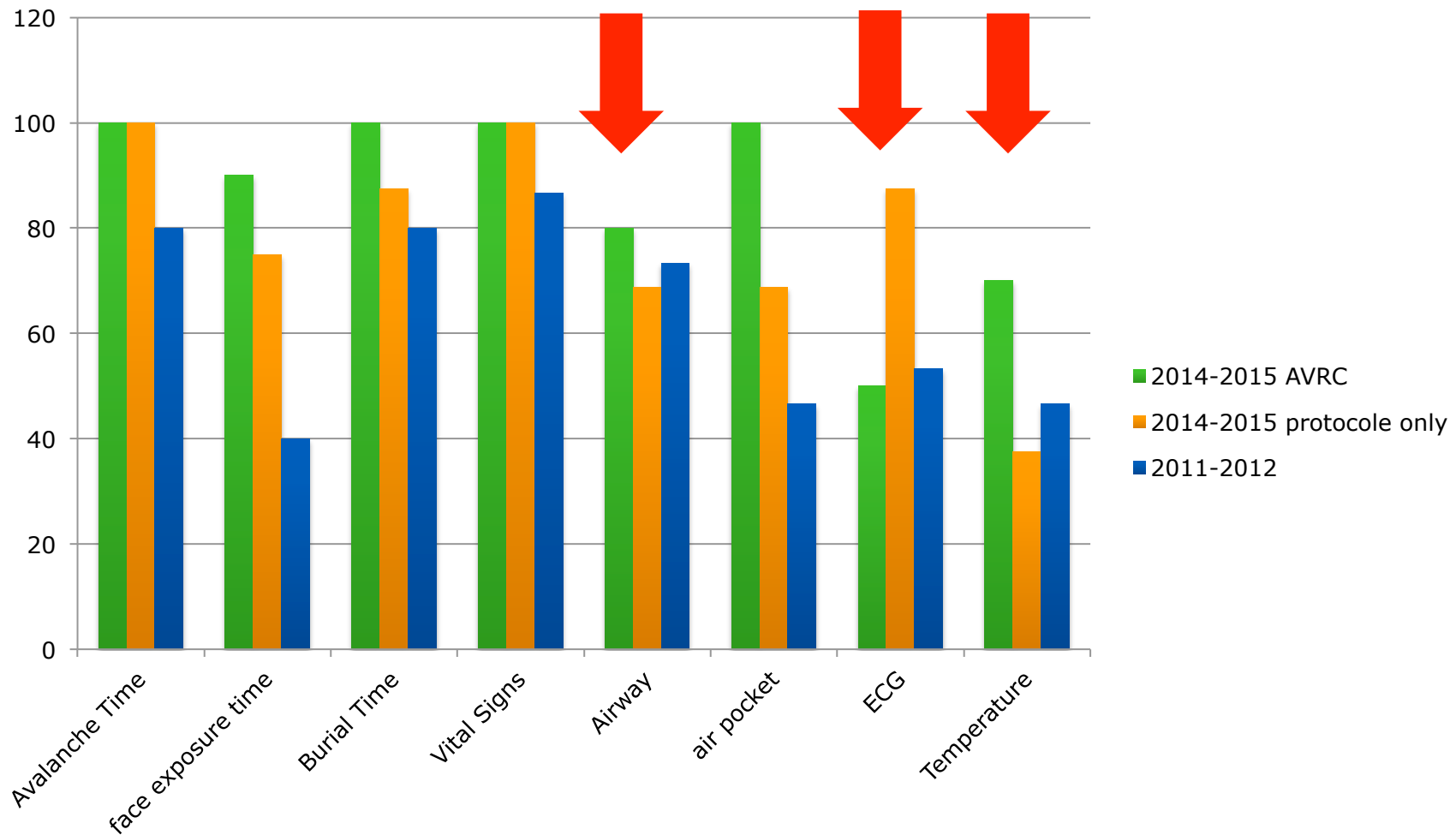
NACA 6/7 rega: AVRC = 10, X AVRC = 6

Results Avalanche Victim Resuscitation Checklist



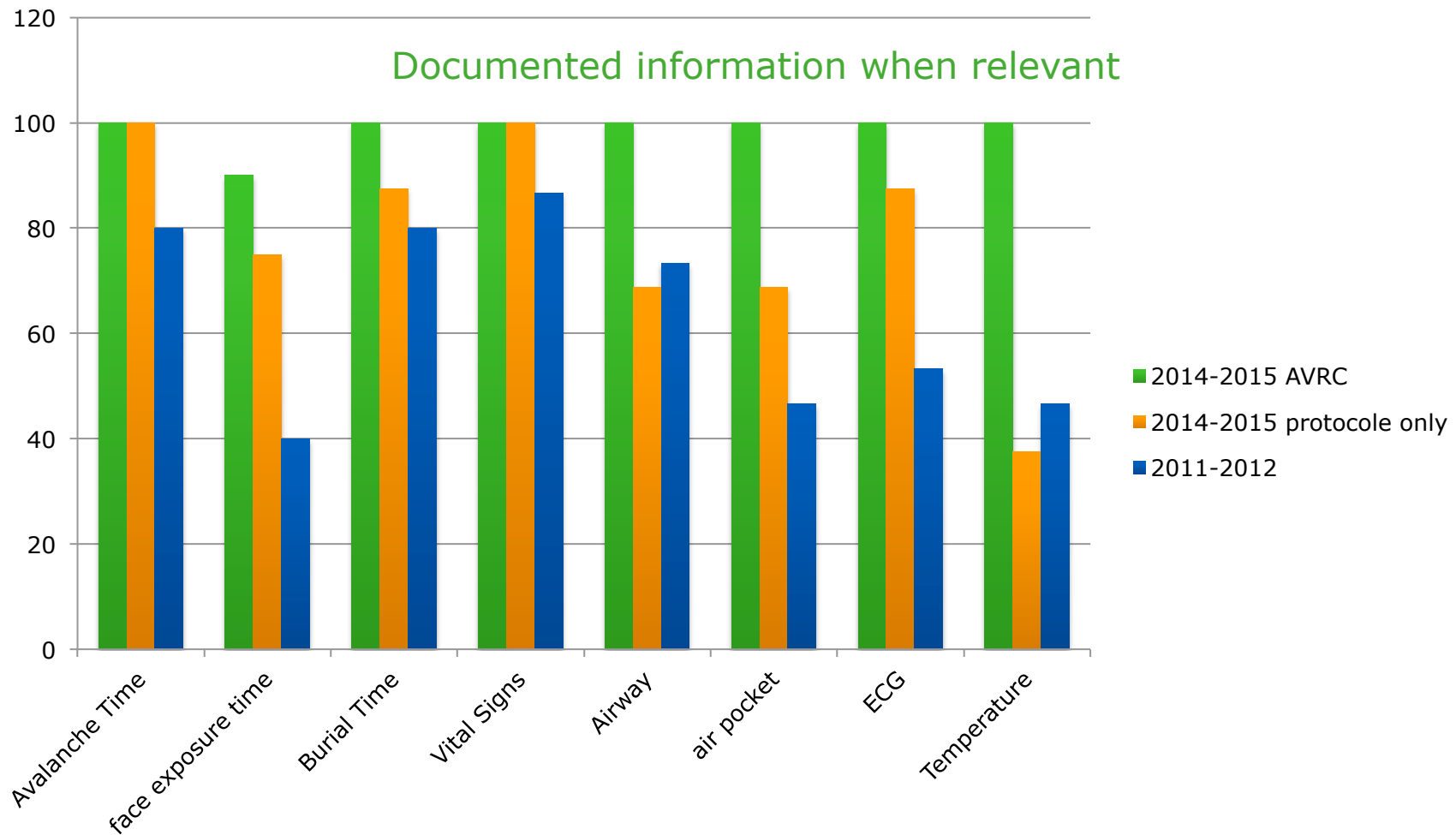
NACA 6/7 rega: 2014-2015: n=16
AVRC: n=10
2011-2012: n=15

Results Avalanche Victim Resuscitation Checklist



NACA 6/7 rega: 2014-2015: n=16
 AVRC: n=10
 2011-2012: n=15

Results Avalanche Victim Resuscitation Checklist



NACA 6/7 rega: 2014-2015: n=16
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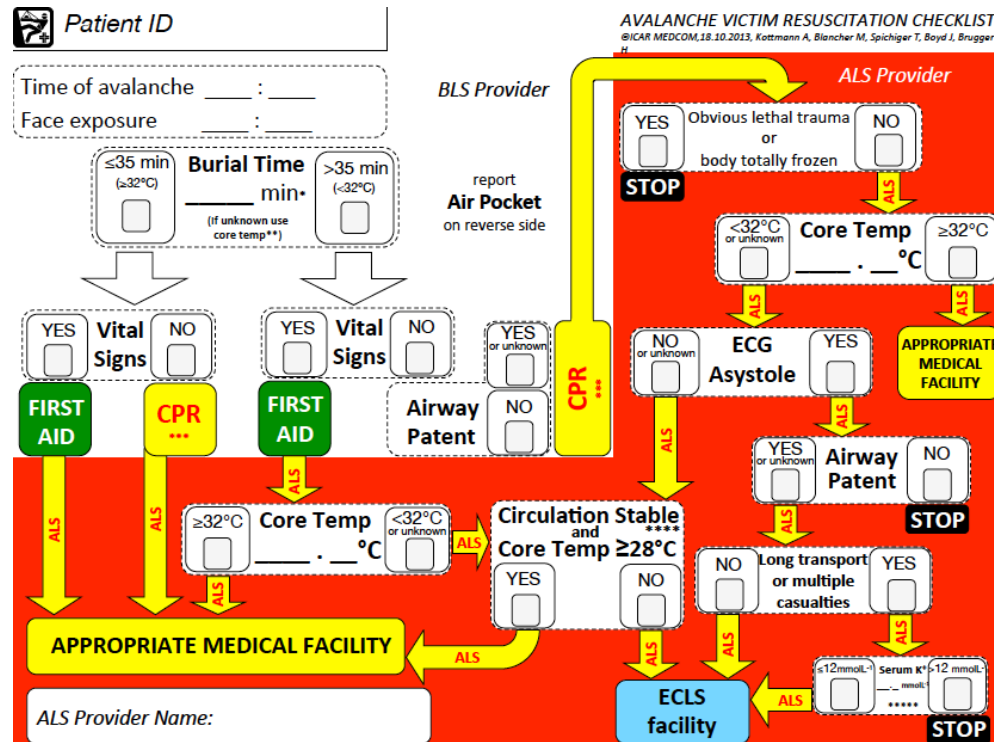
Discussion

- Positive Education effect
- Awareness of the time cutoff
- A cross is also an information
- No information = unknown = a cross = better chance possible = information created
- Informations directly and easily accessible (burial time)

Future

- Adapt to ERC Guidelines 2015

Today

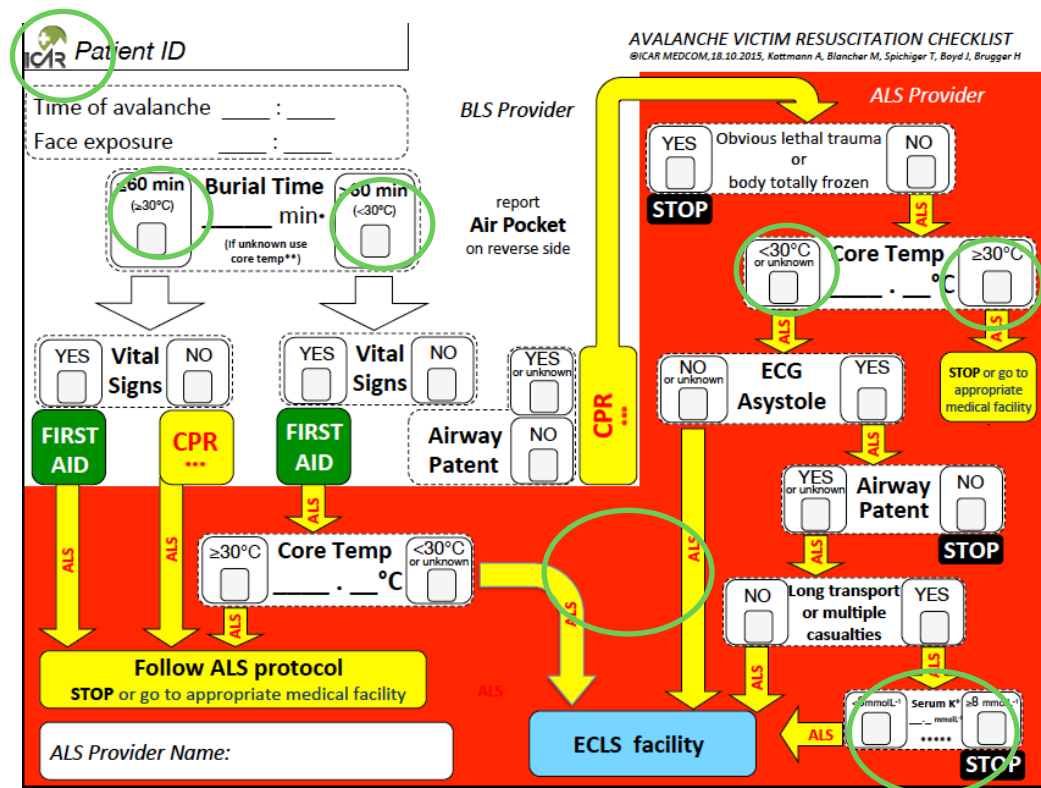


Future

- Adapt to ERC Guidelines 2015

Tomorrow ?

Values can change but framework don't



Future



- Big evaluation study in France / Switzerland 2015-2016

Want to be part of it ?

- New challenges
 - Alpine Rescue Switzerland
 - Mountain Rescuer (helicopter rescue specialists)
 - Avalanche dog handlers
 - Ski Patrollers
 - Questions?

Avalanches in Switzerland

2014 – 2015

Introducing the Avalanche Victim Resuscitation Checklist



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