



International Avalanche Registry

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LOW INCIDENCE – HIGH IMPACT





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International Avalanche Registry

PRIMARY ENDPOINT: determine and compare

key characteristics

of pre-hospital care and

patterns of injury

SECONDARY ENDPOINT: determine the impact of

rescue strategies and

treatment recommendations

on patient's outcome



Structure

- General information, demography and consensus
- Patient related medical information:
 - Pre-hospital (Avalanche Checklist)
 - Pre-hospital (ALS)
 - In-hospital
 - Outcome
- Technical information:
 - Rescue details
 - Environment at the scene
 - Avalanche details
 - Prevention



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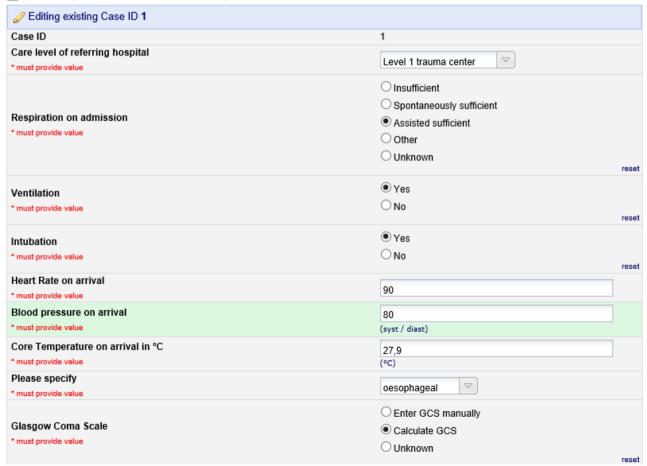
Prehospital Medical Data

Avalanche checklist ALS	
Obvious lethal trauma * must provide value	○ Yes ● No
mas provide raine	O Unknown reset
Body totally frozen	○ Yes ● No
* must provide value	Unknown
Constanting	○ >= 30oC
Core temperature * must provide value	○ < 30oC
	Unknown reset
	○ Asystole
ECG * must provide value	No asystole
	O Unknown
ECG first rhythm	PEA 🔛
	○Yes
Patent airway must provide value	○ No
- must provide value	Unknown reset
Circulation stable	○Yes
* must provide value	● No reset
	○ <= 8 mmol/l
Potassium	○ > 8 mmol/l
* must provide value	Unknown reset



In-Hospital Medical Data

E. Inhospital First Admission Hospital





Rescue Details

Search and rescue			
Number of victims	1		
* must provide value			
	☑ Eyes &ears		
	☑ Transceiver		
County of the American	✓ Probe		
Search strategies *must provide value	☑ Dog		
must provide value	✓ recco		
	Other		
	Unknown		
Way of finding/ extrication * must provide value	✓ Self-extrication		
	☑ By companions		
	☑ By rescue team		
	Unknown		
Extension of burial	Complete burial (head and chest buried)		
* must provide value	Complete burial (head and chest buried)		
Depth of burial	300		
* must provide value	(in cm)		
Number of rescuers on avalanche *must provide value	12		
	● Yes		
ALS provider presence during extrication * must provide value	○No		
	Ounknown		
	reset		
	OParamedic		
Please specify	Physician		
* must provide value	Other		



Avalanche Details

I. Avalanche Details

Case ID	1
Definitions see glossary EAWS (www.avalanches.org)	
Altitude of starting zone	3200 ×
* must provide value	(in Meters) [use "," for decimal]
Aspect	w 🔻
* must provide value	W
Slope gradient	30° - 35°
* must provide value	30 - 33
Type of avalanche	Slab avalanche
* must provide value	Sidb avaidiffile
Size of avalanche	Medium
Avalanche thickness	30
* must provide value	(in Meters) [use "," as decimal]
Avalanche trigger	Pomoto triggaring
* must provide value	Remote triggering
Alert mode	Pamota observer
* must provide value	Remote observer

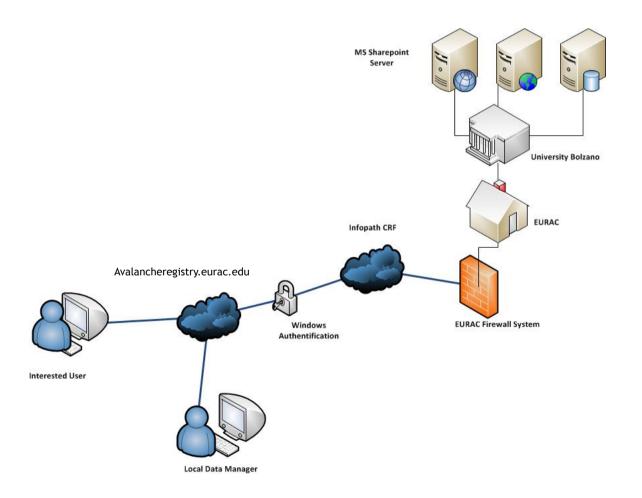


Prevention



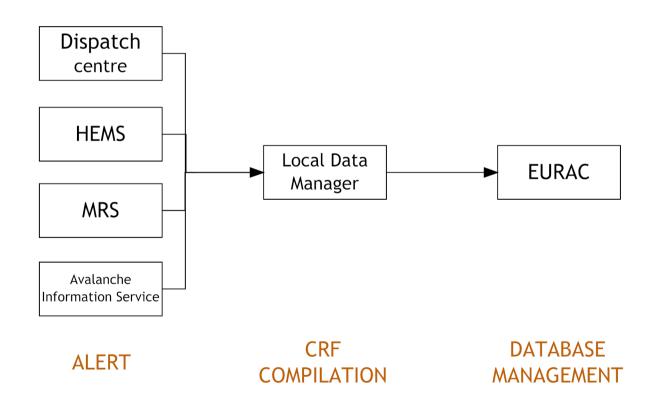


Data Flow





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To Do List

Study design CRF sheet

Web application ✓

LDM Recruitment

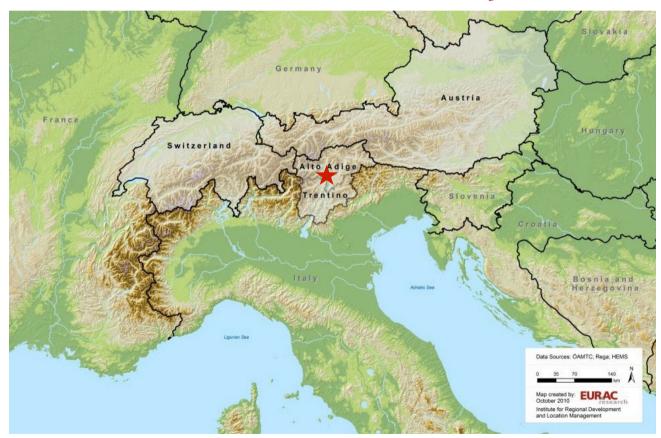
Ethical Committee's approval

Informed consent

Data collection

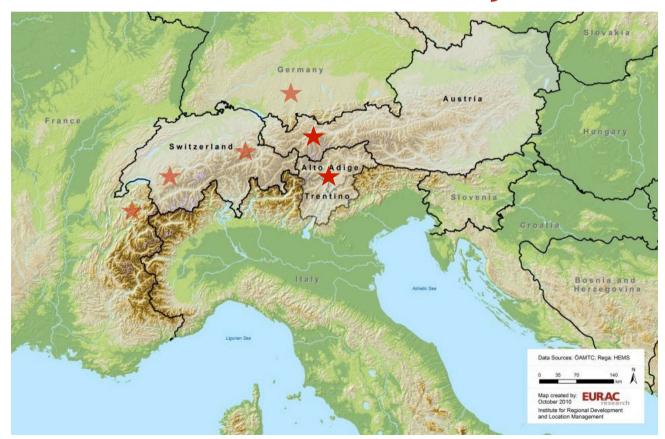


Prospective observational multicentre study





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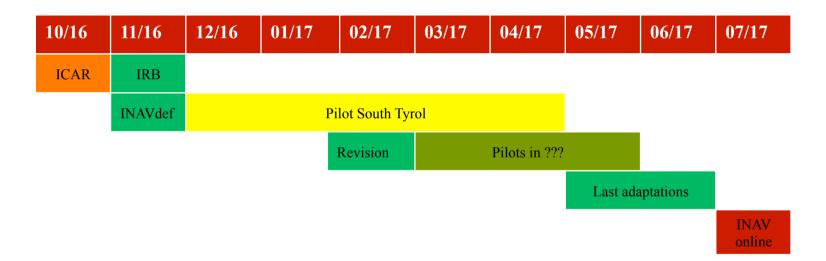


Timeline

10/16	11/16	12/16	01/17	02/17
ICAR	IRB			
	INAVdef	Pilot South		
				Revision

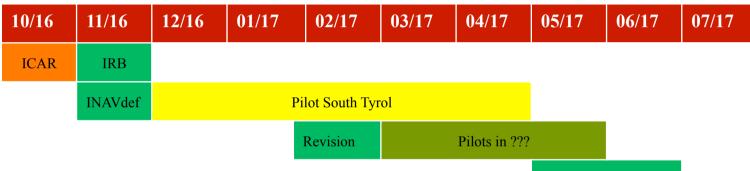


Timeline





Timeline





Last adaptations

INAV online

