

## Descent of 2000 m within 5 Minutes - Hyperbaric Rescue Bag

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11<sup>th</sup> Hypoxia  
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## Acute Mountain Sickness: AMS



*"I was unable to sleep and  
passed so bad a night that  
I would not wish it on my  
worst enemy."*

Dr. Jacottet 1881  
Vallothütte (4362 m)

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## Therapy of AMS: Descent

- night, bad weather
- dangerous route, rough terrain
- splitting of the group
- patient is unable to walk
- descending first requires ascending
- ... etcetera – etcetera - etcetera

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## Limitedness of Drugs + $O_2$



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## Hyperbaric Rescue Bag e.g. Gamow / Certec -Bag



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... really  
comfortable

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## Hyperbaric Rescue Bag

### Gamow

6.5 kg

cylindrical

139 mbar 104 mmHg

2.5 x 0.6 m

foot pump

2,808.81 \$

Weight

Design

max. Pressure

Dimension

Handling

Price

### Certec -Bag

4.8 kg

conical

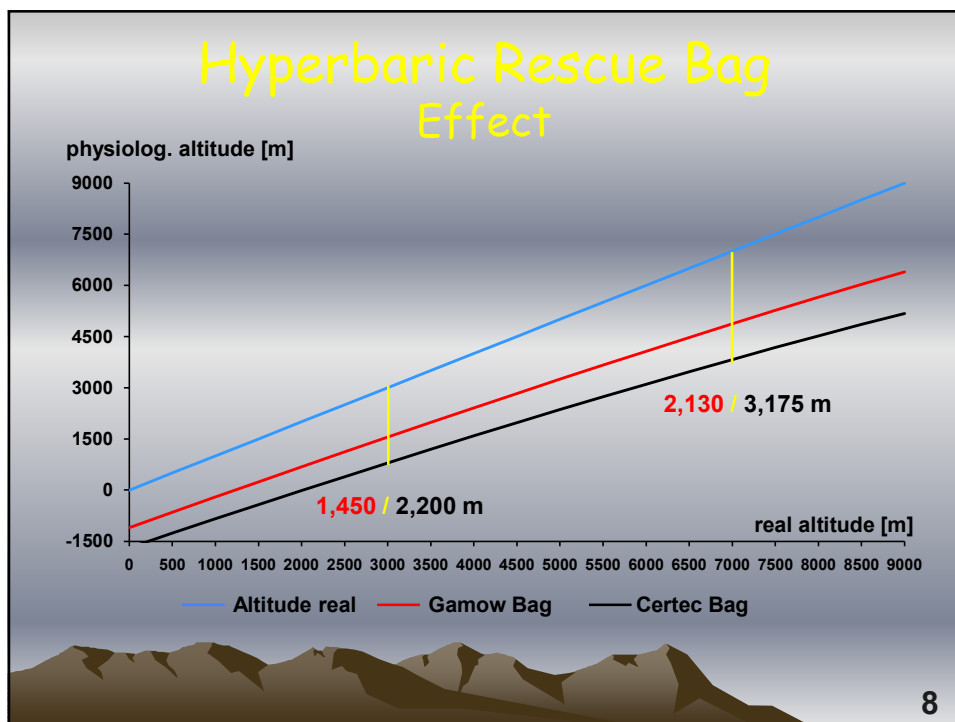
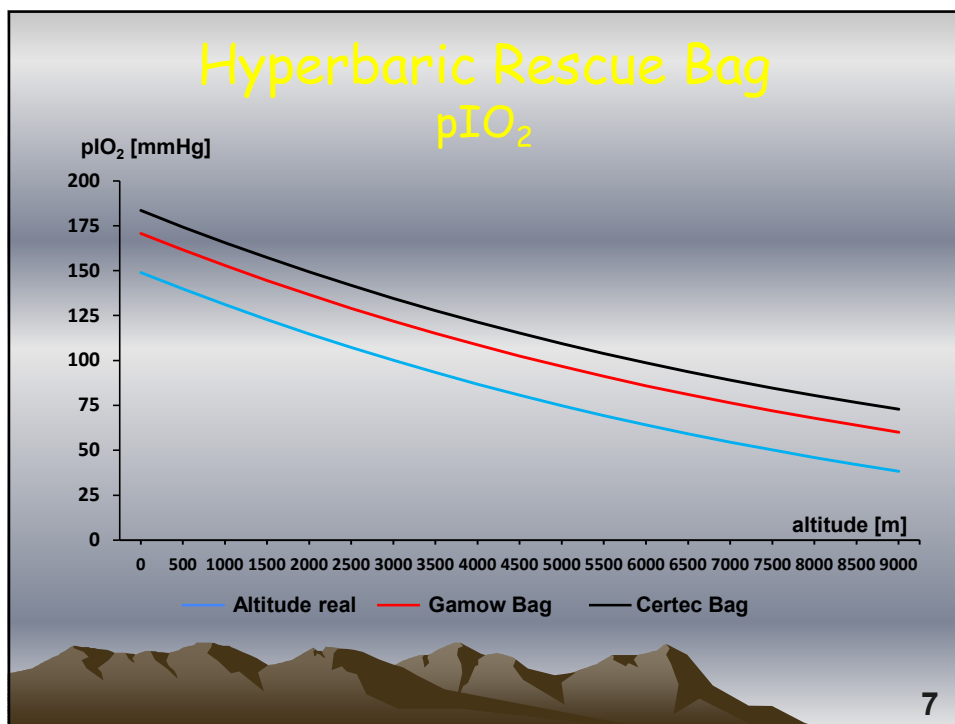
220 mbar 165 mmHg

2.2 x 0.65 m

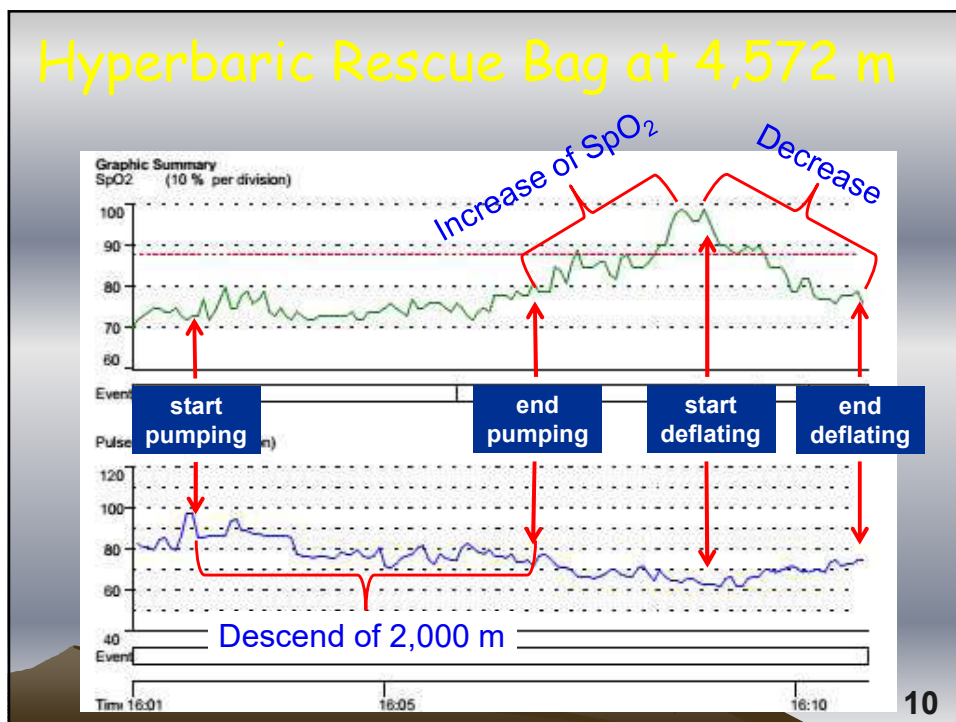
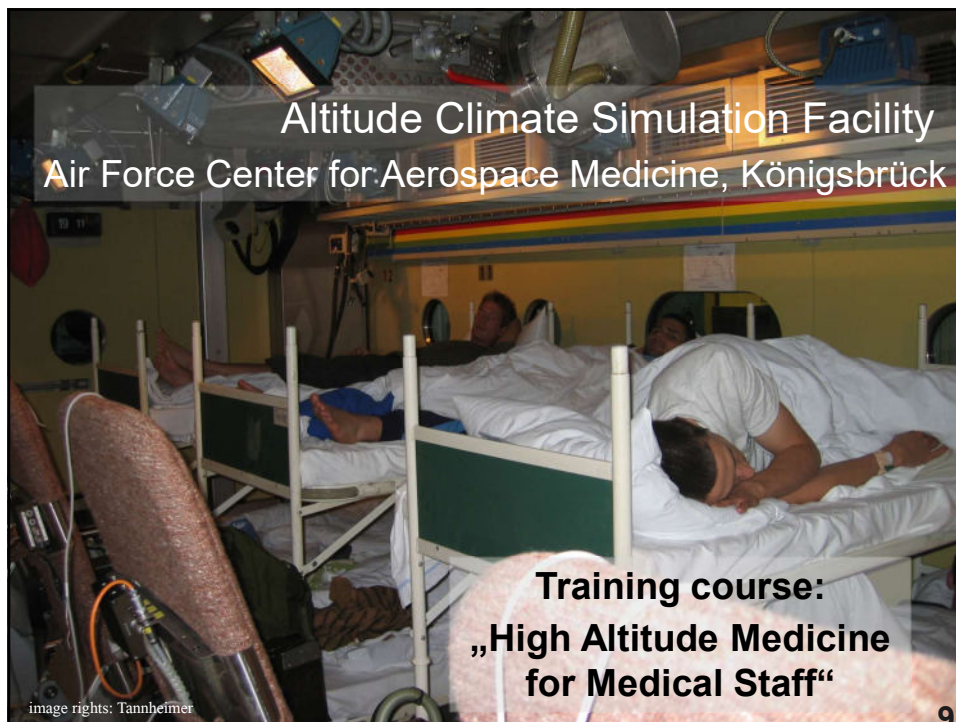
hand pump

4,820.40 €

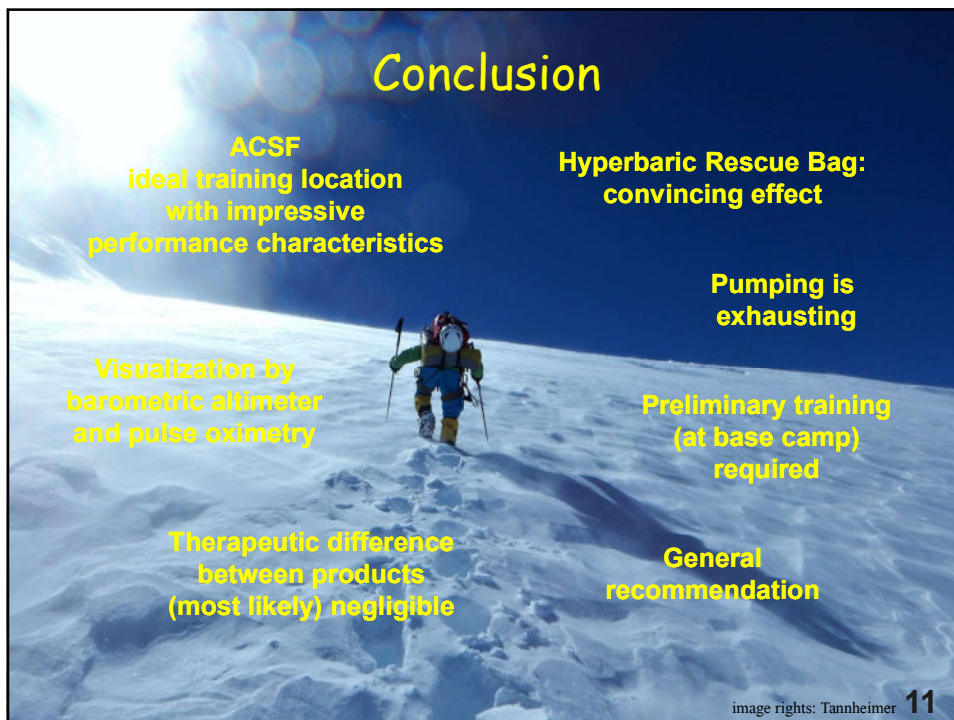
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# Conclusion



**ACSF**  
ideal training location  
with impressive  
performance characteristics

**Hyperbaric Rescue Bag:**  
convincing effect

**Pumping is**  
exhausting

**Visualization by**  
barometric altimeter  
and pulse oximetry

**Preliminary training**  
(at base camp)  
required

**Therapeutic difference**  
between products  
(most likely) negligible

**General**  
recommendation

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# Thank you for your attention

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