

A black and white photograph showing the dark silhouette of a mountain range against a bright, hazy sky. The mountains are jagged and stretch across the horizon. The overall mood is serene and majestic.

INNOVATIONS AND EVOLUTIONS IN MOUNTAIN EMERGENCY MEDICINE

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INNOVATIONS AND EVOLUTIONS IN MOUNTAIN EMERGENCY MEDICINE

- 1. Organization**
- 2. Medical equipment aspects**
- 3. Professional skills and procedures**
- 4. Research and publishing**
- 5. Medical education,
International diploma of Mountain
Emergency Medicine**

There is only one emergency medicine, but circumstances and conditions of work are different



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**Medical treatment in
the mountain
environment is
different to that in
other rescue
operations**

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1. ORGANIZATION ASPECTS (1)

- **Integration of mountain rescue services into state/regional/local emergency medical systems**
- **»Time is life« in emergency medicine**
- **»The doctor to the site of the accident as soon as possible«.**

1. ORGANIZATION ASPECTS (2)

- **More and more better skilled doctors**
- **Great value of other team members:
mountain rescuers, mountain guides,
paramedics, emergency medical
technicians...**



Time is life in emergency medicine !

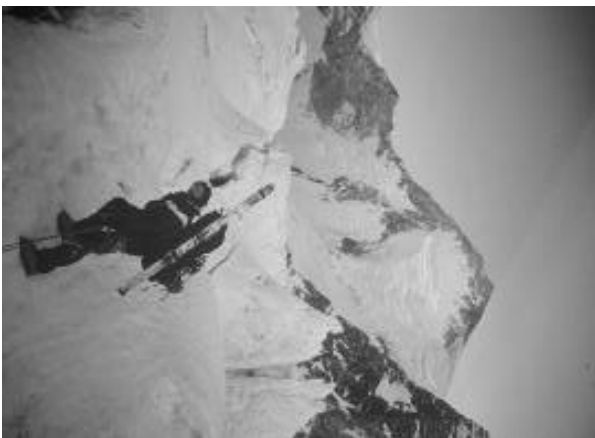
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The doctor to the site of the accident !





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MOUNTAIN RESCUE DOCTOR:

- **Must have technical mountain knowledge and experience...**
- **Must be comfortable in exposed situations ... conscious of his own safety ... able to work under extreme conditions..."**



The doctor to the site of the accident !

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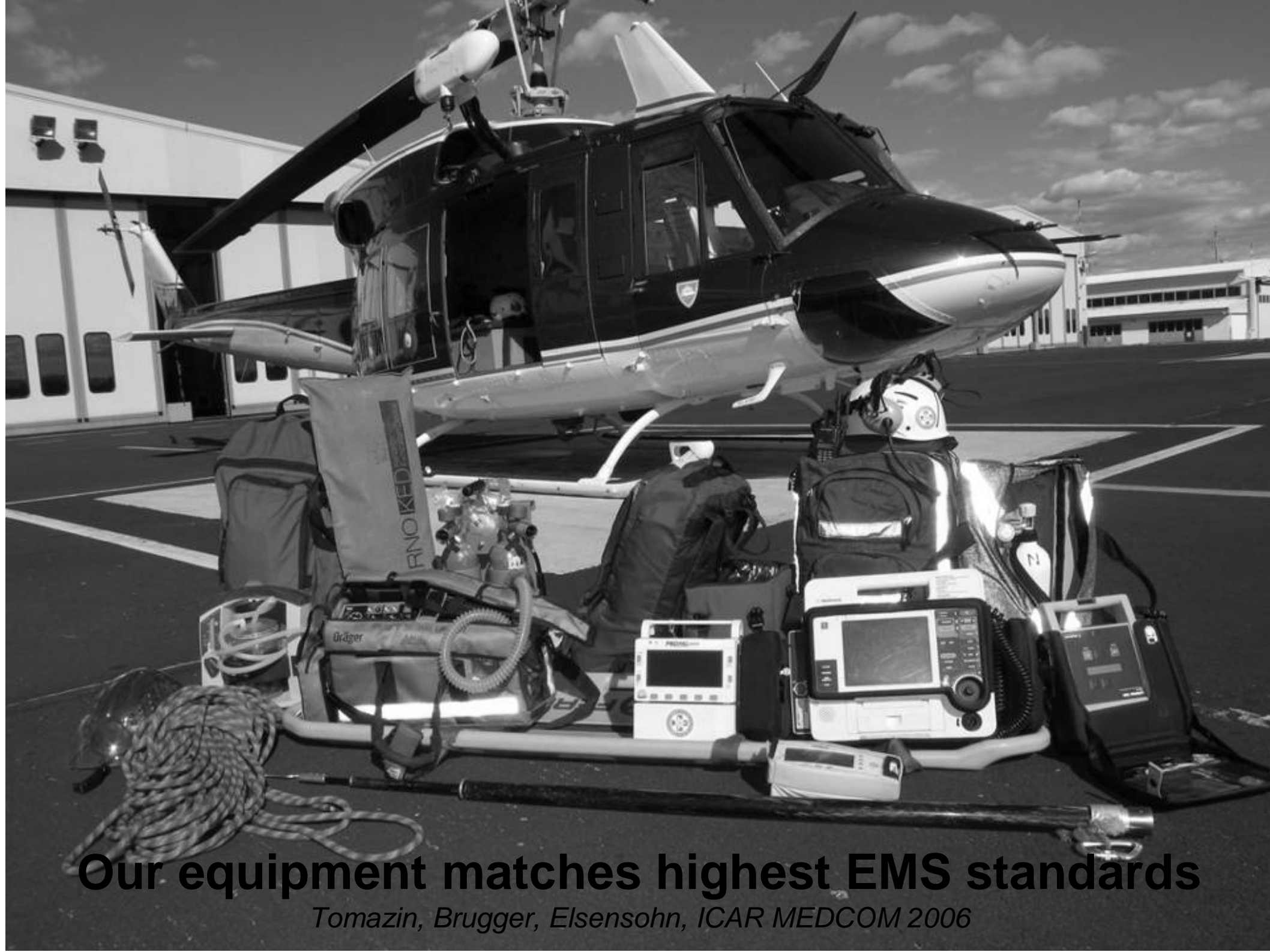
2. MEDICAL EQUIPMENT

- **Mountain rescue doctors, paramedics, rescuers and helicopters are better equipped than ever before**
- **Our equipment matches Emergency Medicine (EMS) standards in urban areas**
- **The equipment is lighter, more durable and offers many diagnostic / therapeutic procedures**

We are better equipped than ever before



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Our equipment matches highest EMS standards

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Light!



Robust !

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**offers
many
diagnostic
and
therapeutic
procedures**





Doctor's rucksack

**Slovenian (best?) solution:
doctor has his/her own
(personal)
completely equipped
rucksack
all the time**

Advantages:

- available 24 hours per day
- complete familiarity with the contents
- responsibility

Main disadvantage:

- expensive

Doctor's rucksack

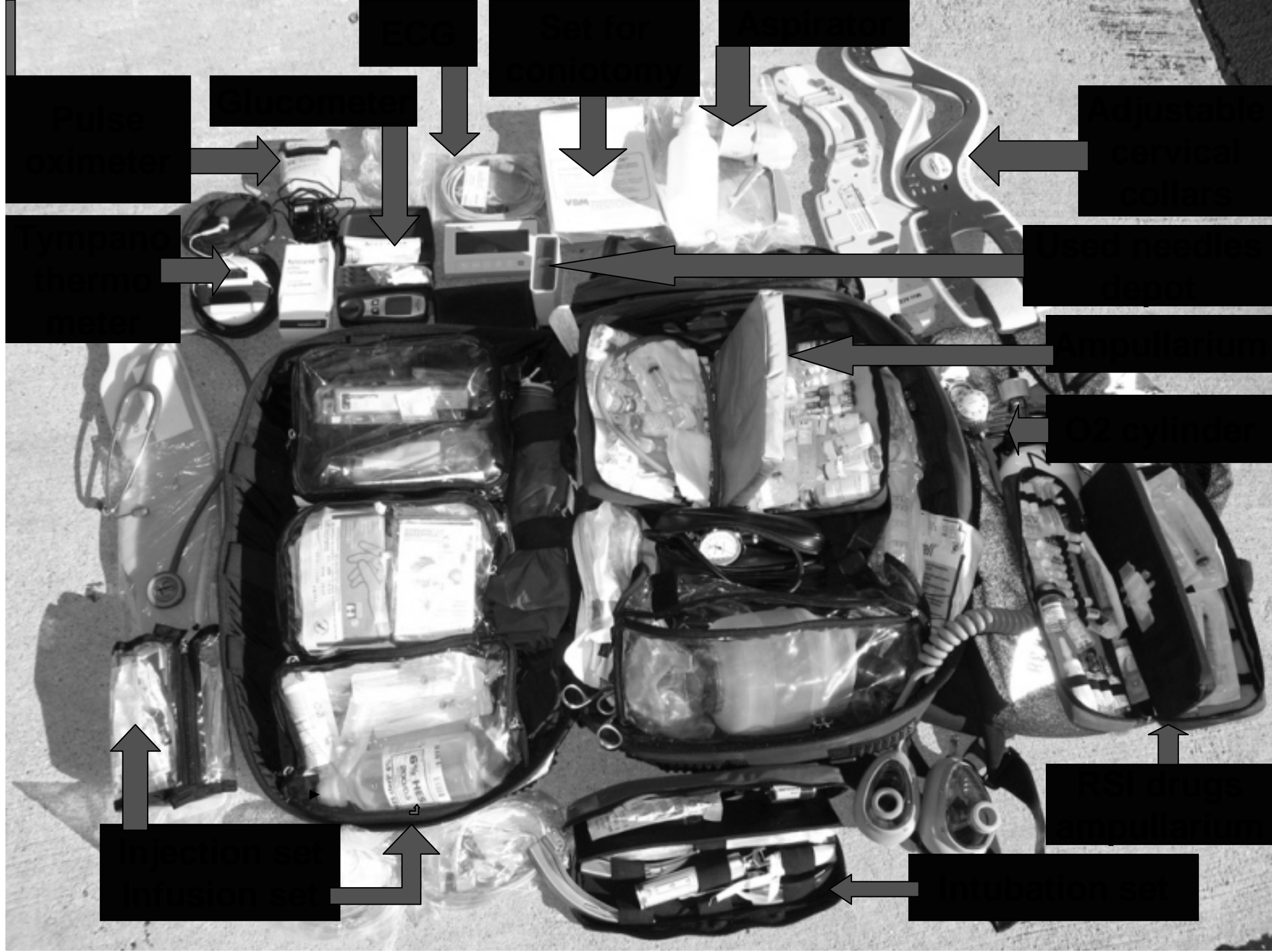


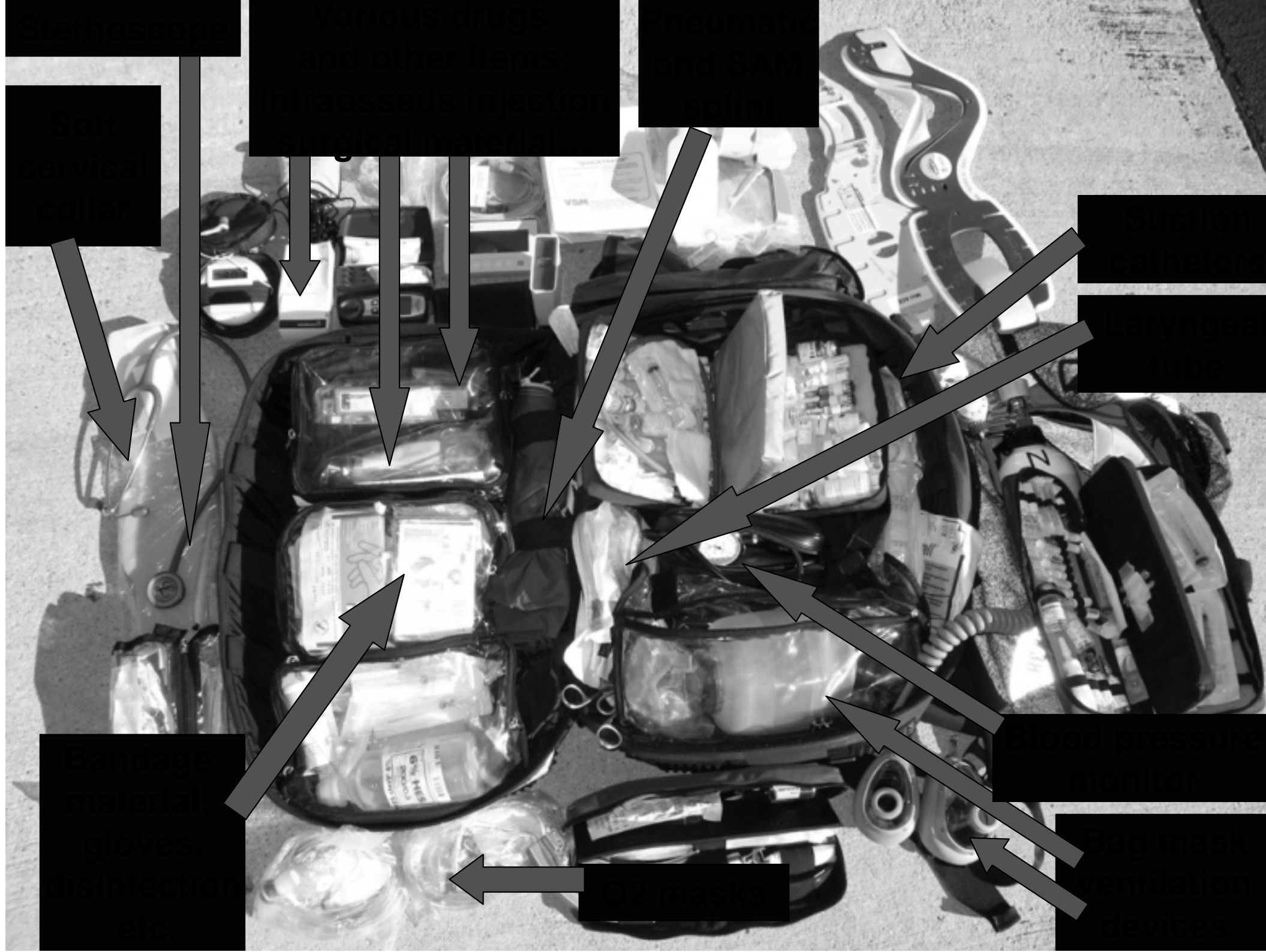
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Doctor's rucksack



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3. PROFESSIONAL SKILLS / PROCEDURES

- **Diagnostic procedures:** status, RR, core temperature, ECG, oximetry, capnometry, etc....
- **Therapeutic procedures:** resuscitation if necessary, RSI, oxygen delivery, analgesia, sedation, fluid resuscitation, symptomatic therapy, cardiac pacing, immobilisation, etc...

**Many mountain rescue doctors work
in other emergency medical services**

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