

What mou









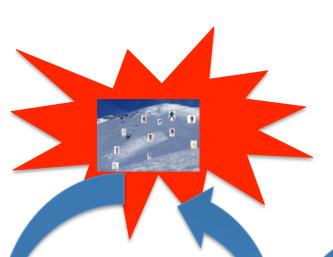




MCI in Mountain

☐ Around 15 major MCI in France over last 10 years General considerations ☐ few number of victims already MCI in mountain (10 to 15) ☐ MCI = When resources are missing to deal with the situation ■ Medical management = Medical care + Organization Each event is unique but principles are the same In mountain, even non injured people can die because they are exposed to fatal hazards

 ☐ Theoretical aspect of medical management





Appropriate Medical facilities

















Field coordination

Field commander and medical coordinator



Main commander + Dispatching med co







Medias



| Main Goals in |
|-------------------|
| disaster medicine |

Saving as many lives as possible

Focusing on organization instead of medical care

Changing spirit: from emergency medicine to disaster medicine

General concept

Setting up an efficient Rescue Chain

- Searching (location)
- Rescuing (first aid)
- Grouping
- Providing ID

- Sorting (triage)
- Treating
- Evacuating

First Step

Setting up rescue chain

Collecting information / Fast analysis / First decisions

First medical staff + rescuer on site

Second Step

Setting up commanding chain

Coordination /
Direction

Collecting and

Medical
Coordinator +
Operational
Commander

Third Step

Setting up communication system.

transmitting accurate information

Organising additional Human and logistical resource

Evacuating people to adapted medical facility

Fourth Step

Inform authorities,
Media communication
strategy

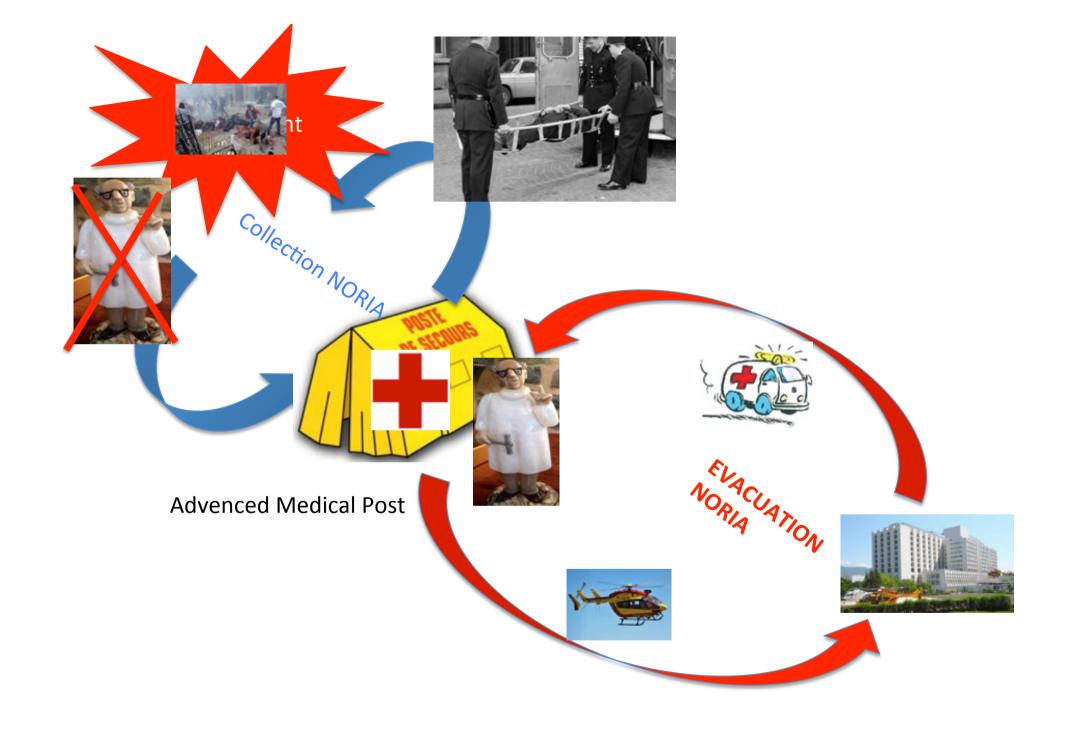
Strengthening process

Dispatching Med Coordinator

+

Main Commander

Fifth Step

















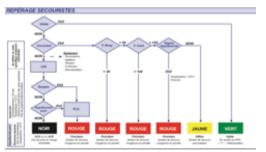




Search and Rescue



- Define order priority to transfer to AMP
- Survival Basic Life Support:
 - free airway,
 - Haemorrhage control,
 - Cold protection









Medical Triage





- Assessing medical condition
- Difining priority of patient treatment and evacuation (immediate care, urgent treatment, possible delay, out of ressources)

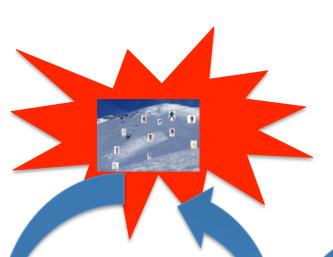




Advanced Medical Post

Stabilisation

Evacuation to adapted medical facility





Appropriate Medical facilities

















Field coordination

Field commander and medical coordinator



Main commander + Dispatching med co





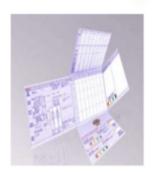


Medias



Tools







| N* Ordre | Secouriste | Équipe / Fonction | Heure d'entrée | Heure de sortie | Destination | DVA / Matériel | Divers |
|----------|------------|-------------------|----------------|-----------------|-------------|----------------|--------|
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| | PMA | | | | |
|-----------------------|------------------------------|------------------------------------|--------------------------------------|--|--|
| N°fiche de l'avant | horaine triage couleur | bfan | nédicalisation | | |
| 3408 | | fracture poignet | attelle/ morphine PO | | |
| 3424 | 12H20 | TRAUMA PSY | CUMP | | |
| 3421 | 12420 | TRAUMA PSY | CUMP | | |
| 3406 | 129/22 | TRAUMA PSY | CLMP | | |
| 3429 | | douleur respiratoire sans détresse | morphine PO | | |
| F730509 | 12925 | MUTISME | CUMP | | |
| F730507 | 12HB0 | TRAUMA PSY | CUMP | | |
| 3412 | 14H30 | THORAX DYSPNEE | 02 | | |
| 3444 | | ACR | | | |
| 3420 | | | | | |
| 3411 | 14H00 | TC GCS 15 NON FOC | | | |
| 3407 | 14H00 | TRAUMA MEDULARE | | | |
| 3437 | | | | | |
| 3434 | 14H40 | TRAUMA RACHS NON NEURO | | | |
| 3436 | 34H40 | SCALP SUTURE | | | |
| 3427 | | ABDOMEN AIGU INSTABLE | REMPLISSAGE | | |
| 3441 | 13H50 | COMA NON FOCALISE INTUBE | | | |
| 3430 | 14400 | FRACTURE JAMBE | IMMOBILISATION WP MORPHINE SUFENTA | | |
| 3440 | 14H05 | LUXATION EPAULE | REDUCTION | | |
| 3428 | 13H15 | BASSIN HYPOTENDU | IMMOBILISATIONS/ REMPLISSAGE/SUFENTA | | |
| 3438 | | TC CGS 14 | IMMOBILISATION | | |
| 3405 | | | | | |
| 3417 | 14H15 | FRACTURE BIMALLEGUAIRE | IMMOBILISATION ANALGESIE | | |
| | | | | | |





Simulations



Valloire 2014

La Grave 2014



Valfréjus 2013

What we have learned from simulations (1)

- ☐ Communication and Language: the key issue
- ☐Who's the boss? Leadership!
 - ☐ Decision making
 - **□**Coordination

- ☐Be prepared
 - □ Training
 - ☐ Adaptability to different situations, flexibility





What we have learned from simulations (2)

- ☐ Available **logistica**l items already prepared and adapted to wilderness Environment
- ☐ Medical Chart adapted to mountain MCI (hypothermia, avalanche...)
- ☐ Field **organization check-lists** adapted to mountain
- ☐ Available **Communication tools** and strategy

What we have learned from simulations (3)

☐ Impact point and Field
Management = Mountain
rescue job!



INTER AGENCY COORDINATION

☐ Evacuation = classical rescue department





Specific issue: Avalanche MCI

- ☐ Double « triage »: Searching and extrication strategy before medical triage
- ☐ Accidental hypothermia and Rescue collapse :

Not Black but Red! Good survival chance

□ Add Avalanche Icar Med com check -list to MCI Chart

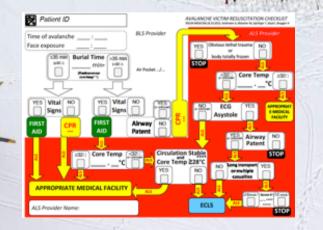


Photo: KB®



Training

- W Disaster medicine was skills to be added to advanced mountain medicine diploma.
- ☐ Principles of MCI management needs to be set up on every day base.

When resources < rescue needs

- ☐ Regular training
- ☐ Regular debriefing and experience sharing
- ☐ Do not forget psychological aspects

Conclusion

- ☐ Multi-casualty incidents happen in Mountain!
- ☐ Few people but big organization and a lot of rescuer.
- Difficult access and evacuation in wilderness environment.
- □ Adapting right resource to right person in order to save as many lives as possible. Good triage and organisation
- ☐ MCI in mountain : Mountain rescue job!
- ☐ Mountain Rescue Teams (Medical staff, rescuers, pilots) has to be familiar with Disaster management principles.

Thank you for your attention

ANMSM: The French Mountain Rescue Association