

Making decision in MCI : no unlikely hypothesis !

Alive patients first !

Goal of MCI medicine : save most lives or
not to have too much avoidable death ?

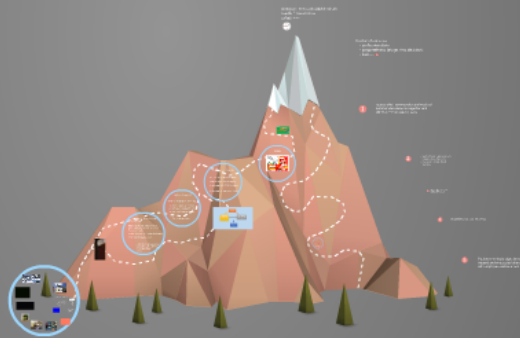
MCI definition and early recognition



"i do only what is scheduled"

"15 first minutes in the cosmos"

"concentration OR awareness"



An avalanche MCI in Savoie

François ALBASINI

MD

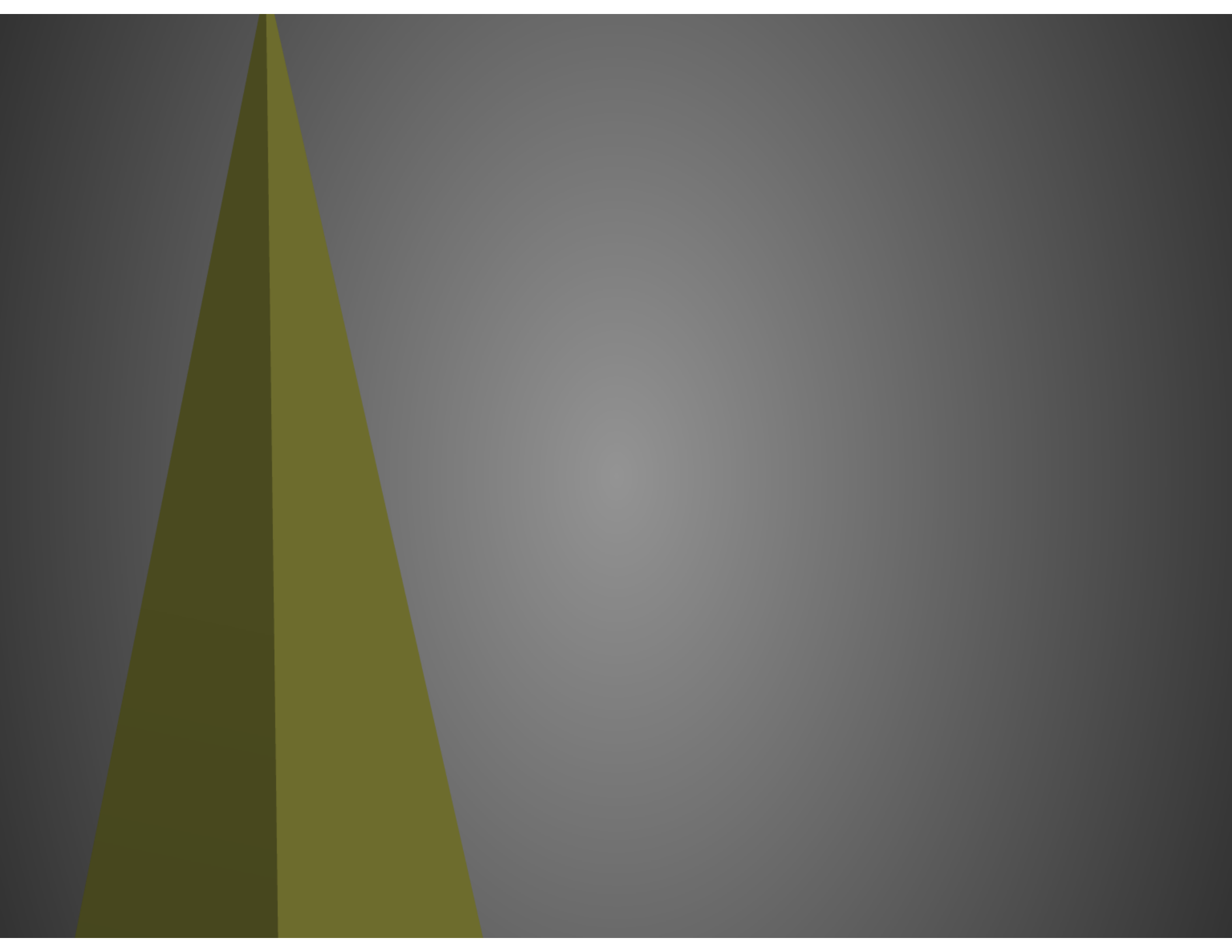
Saint Jean de Maurienne Hospital
France

SUMMIT



ICAR 2016
BOROVETS
BULGARIA

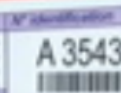






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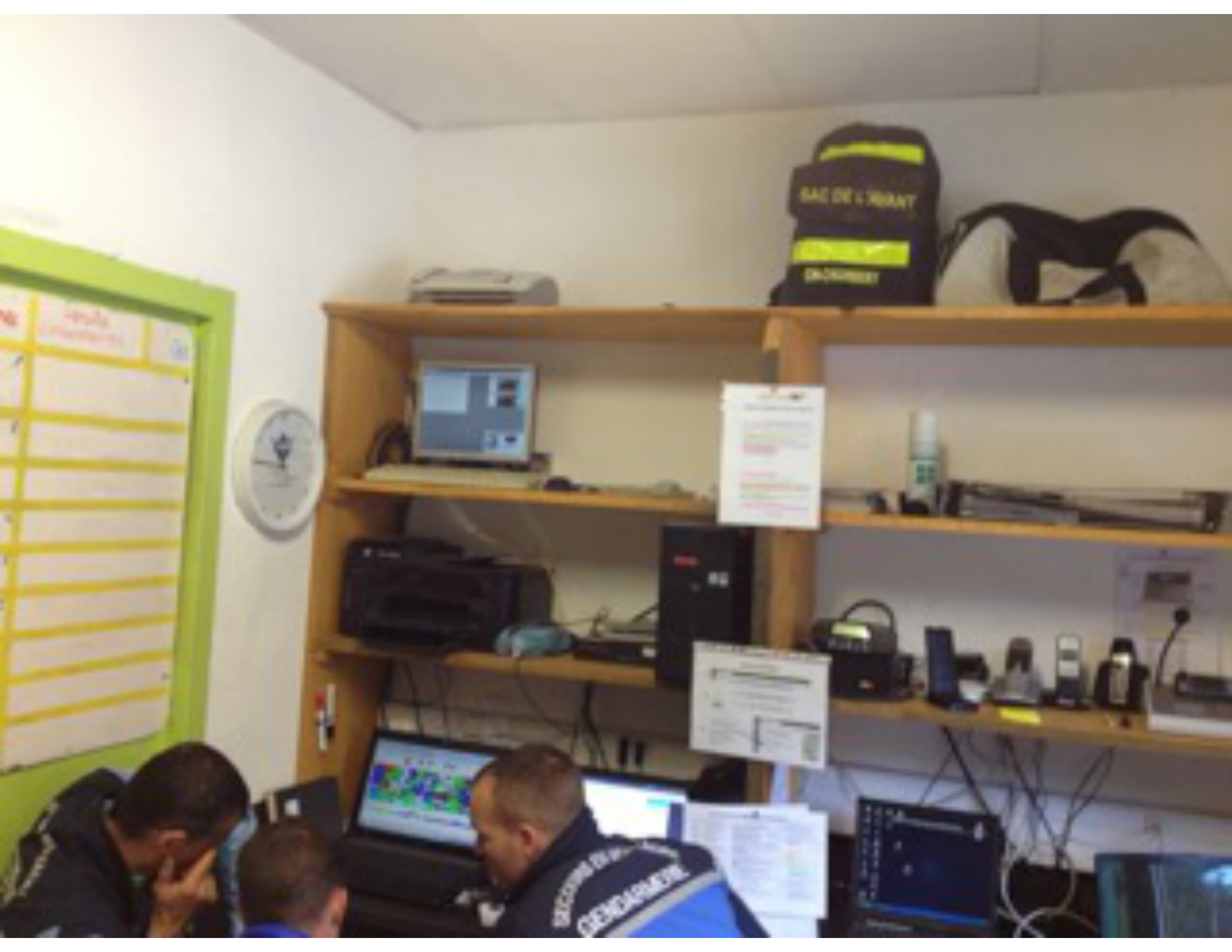
SYNTHESE VICTIMES

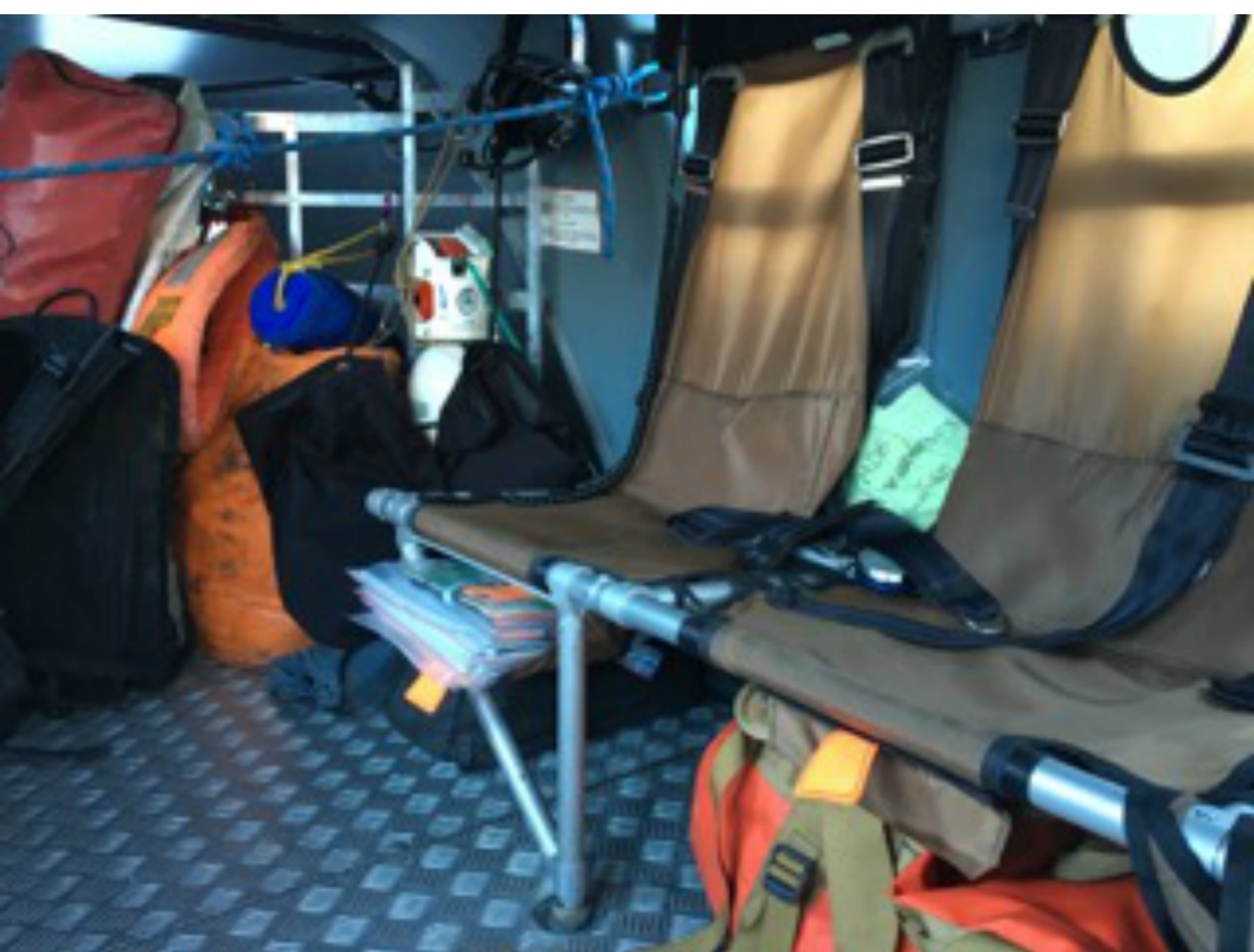
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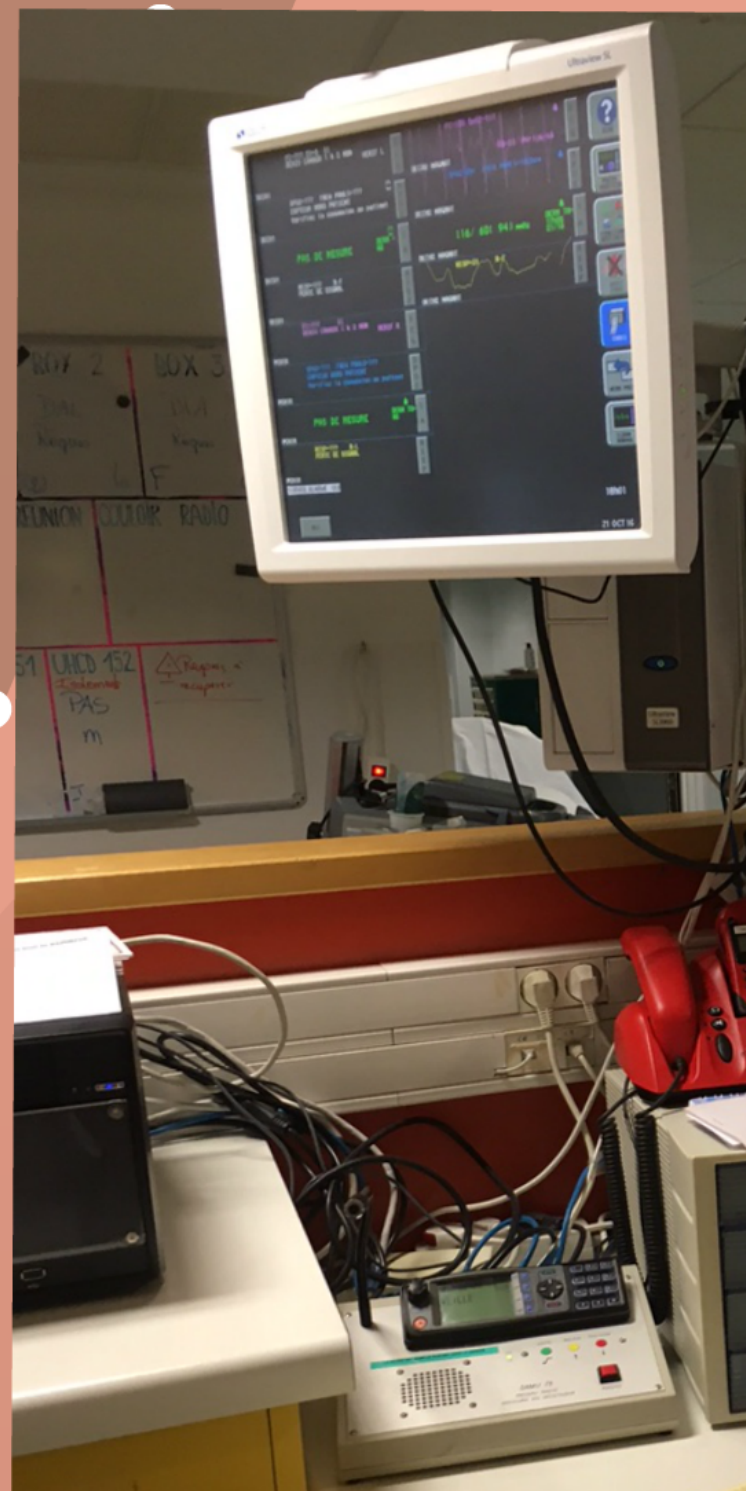
SAC DE L'AVANT

CH-CHAMBERY









On scene, a lots of decisions
are taken

chief commander of rescue team
chief of ski patroller rescue team of
nearest ski resort

first pilot of mountain rescue helicopter

first mountain rescue doctor

- reinforcement ressources
- gathering zones (PRV)
- collecting datas
- triage

mountain rescue doctor

- reinforcement resources
- gathering zones (PRV)
- collecting datas
- triage



At local hospital

"medical commander" decisions

Inform the director of hospital

Contact medical dispatch center

Contact level 1 trauma center

Transport on scene

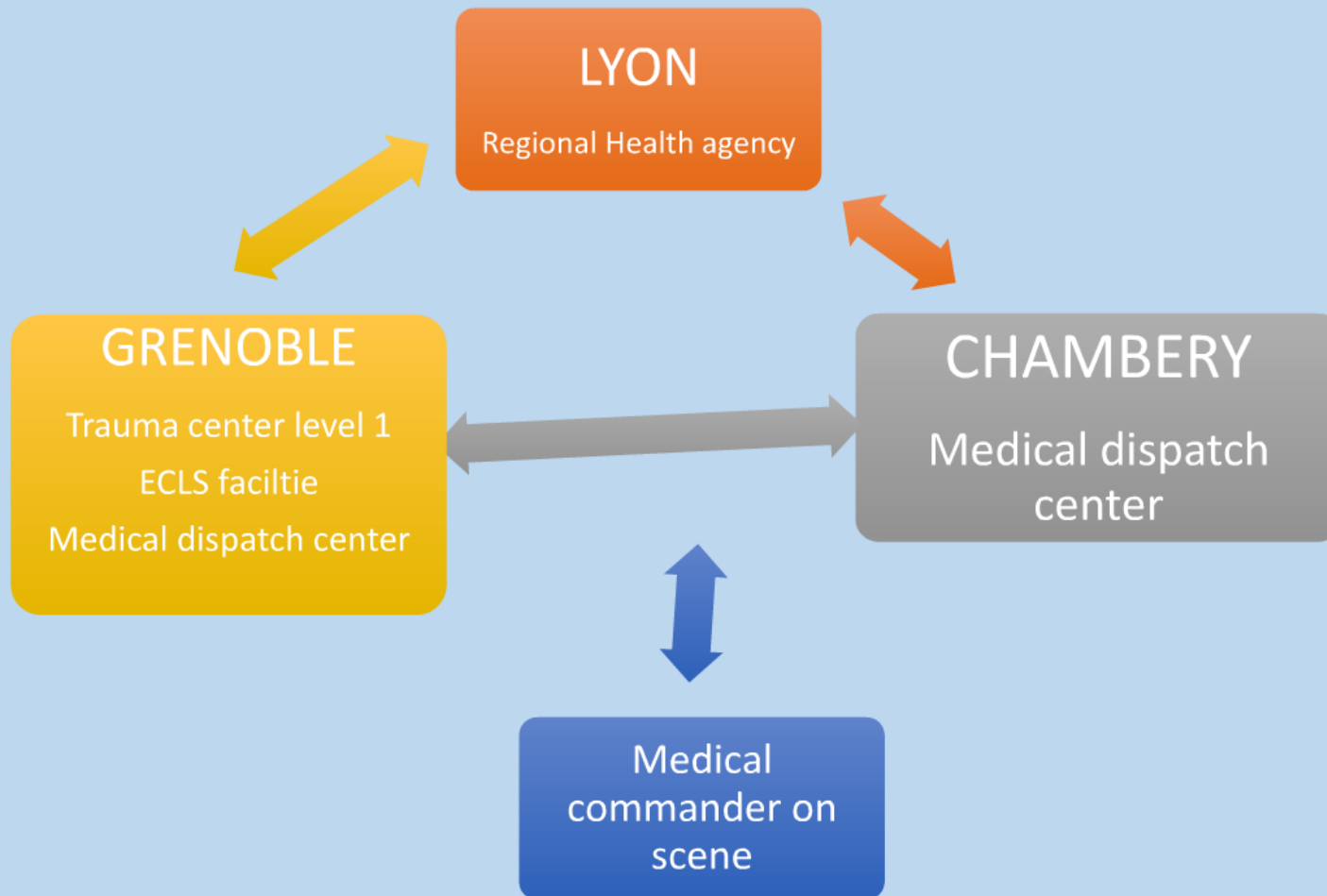
Level 1 trauma center

Inform the Regional health agency

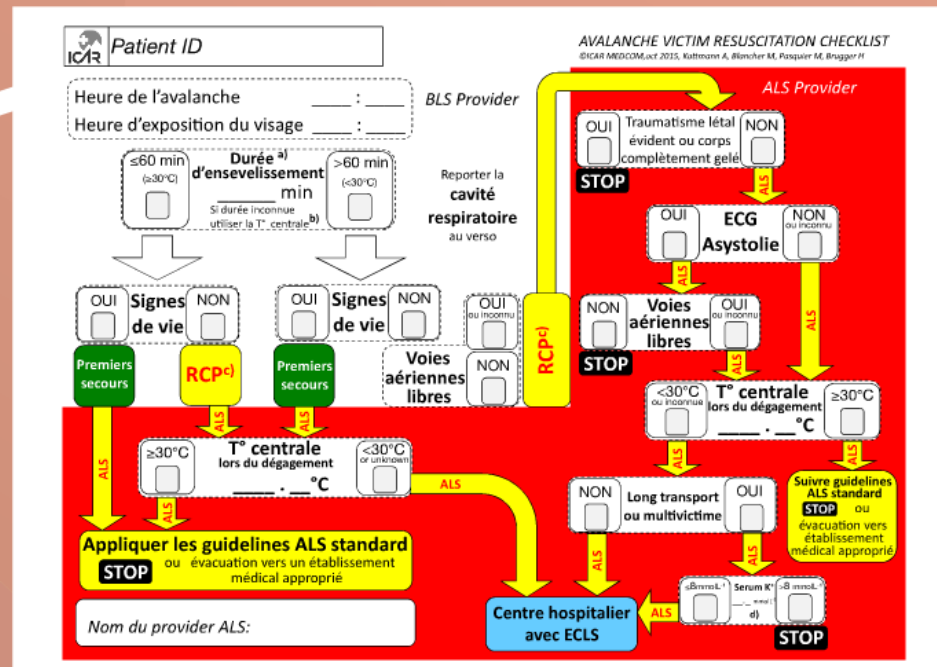
Stop non urgent cardiac surgery

Anticipating ECLS (7 ECMO devices)

Anticipating intensive care unit beds



Triage



~~53~~ peoples

52 peoples
(15H30)

About 34 buried....
About 31 peoples extricated by SELF RESCUE

Upper zone :

2 patients with vitals signs

3 patients buried under 3 meters, extricated without vital sign



Lower zone left side :

3 patients extricated with vital signs

ski patrol rescue

1 extricated

41 peoples evacuated to
Modane

Mountain rescue

3 extricated

11 triage

5 dead on scene

1 evacuated to Grenoble Hospital (dead)

1 evacuated to Modane then Grenoble Hospital*

1 evacuated to Saint Jean de Maurienne Hospital

Lower zone right side :

3 patients totally buried extricated without vital sign




Fire men ambulance :

Gathering zone Modane reinforcement
6 evacuated to Saint Jean de Maurienne

Autopsy : zero avoidable death
needs = resources
safety +++



Factor of success

- professionalism
- preparedness (triage, first decision)
- luck 

1

rescue chief commander and medical commander were not together and didn't communicate by radio



- medical team was enable to communicate by radio
- only one channel for al rescuers

3

only 3 patients tagged by
numbered MCI card



two patients counted two times

5

Patient with vitals signs but critic treated and evacuated after patient with asphyxic cardiac arrest

Disaster preparedness



Recognition



Safety



Initial response



Leadership and command



Effectiv communication



Triage



Organisation evacuation



Identification and traceability



Learning of experience



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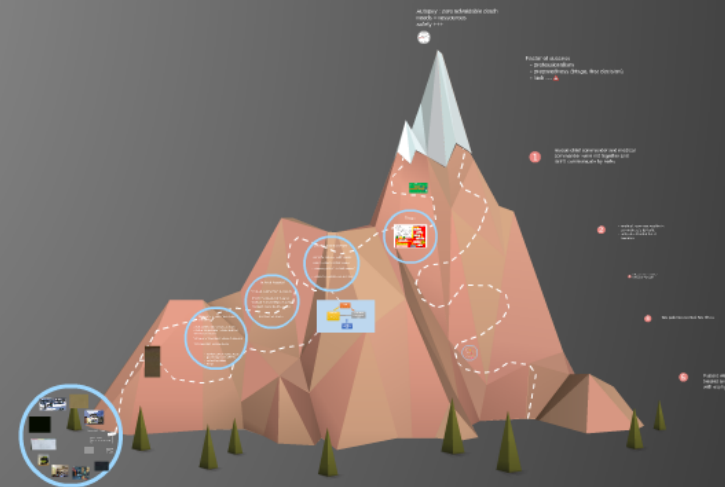
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lot's of casualtyor not
and/or lot's of ressources to coordinate
and/or large area
and/or complexity of "awareness of situation"
and/or lot's of decisions to take
and in a very short time

