

M_{odule} de C_{hirurgie} V_{itale} 22

French SOST next gen



- No conflict of interest

- A brief history of French SOST
- New challenges
- MCV 22

The Module de Chirurgie Vitale : a Swiss army knife for counter-insurgency operations surgical support

- 4 (=>5) men/women team
- 2x T1 / 12h
- Inflatable tent
- Electricity = generator
- In-flight surgery : add on
- > 1000 kg
- >1 helicopter

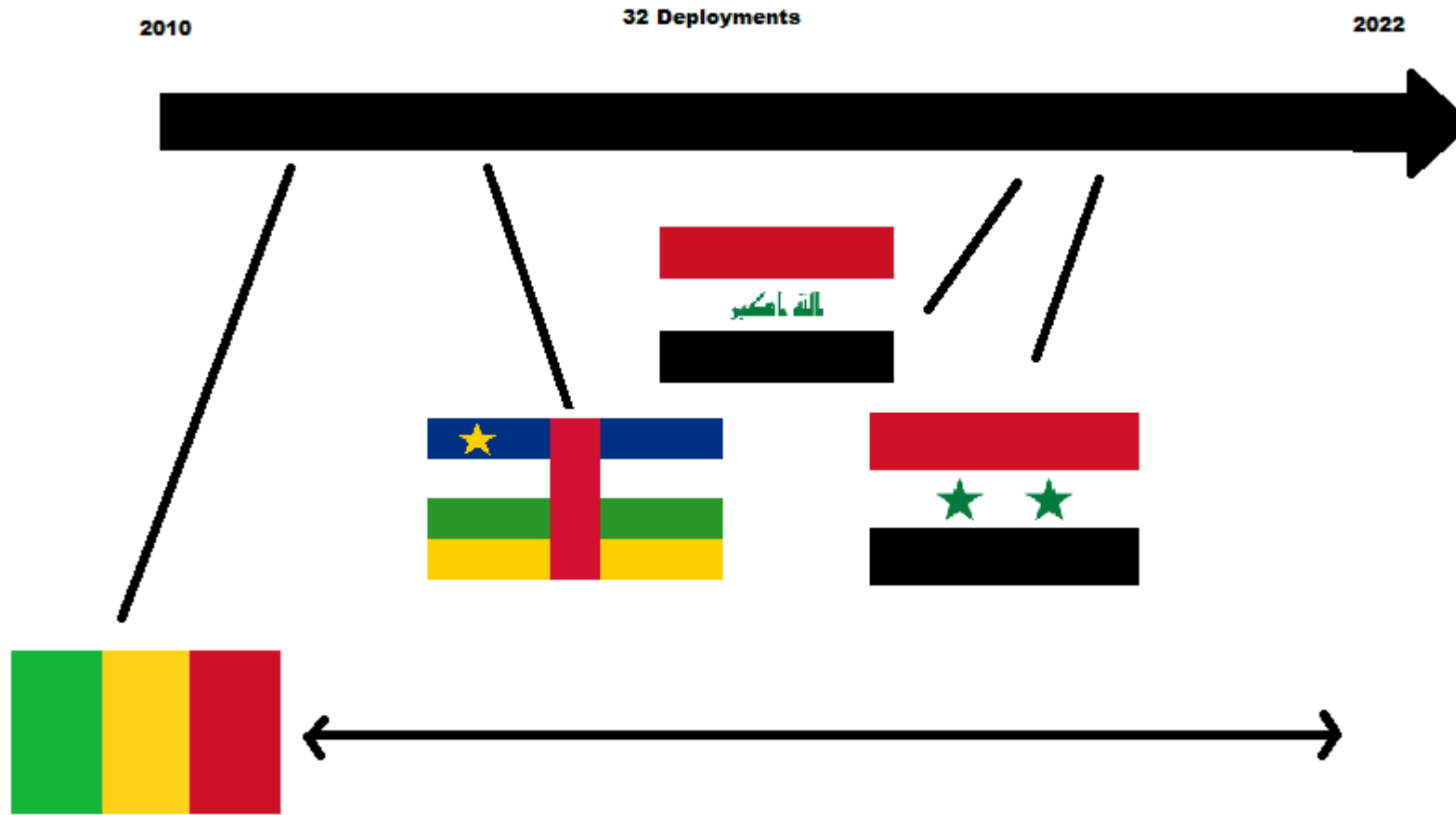


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Deployment of the Surgical Life-saving Module (SLM) in 2017: lessons learned in setting up and training operational surgical units

Injury 2019

New challenges

- Lighter footprint
 - Multi-national missions
 - Mentoring



New challenges

- Lighter footprint
- High Intensity Warfare



New challenges

- Lighter footprint
- High Intensity Warfare
- Guidelines

JOINT TRAUMA SYSTEM CLINICAL PRACTICE GUIDELINE (JTS CPG)



Austere Resuscitative and Surgical Care (ARSC) (CPG ID:76)

This CPG provides guidance for Austere Resuscitative and Surgical Care (ARSC) teams.

New challenges

- Lighter footprint
- High Intensity Warfare
- Guidelines
- Evidence based medicine

"Austere surgical teams must be experts in both clinical and tactical aspects of their missions"

The Module de Chirurgie Vitale 2022 : an answer to operational needs



2x T1/ alpha casualties



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Team + equipment = 1 helicopter



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Autonomy + discretion / 6h



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Versatile



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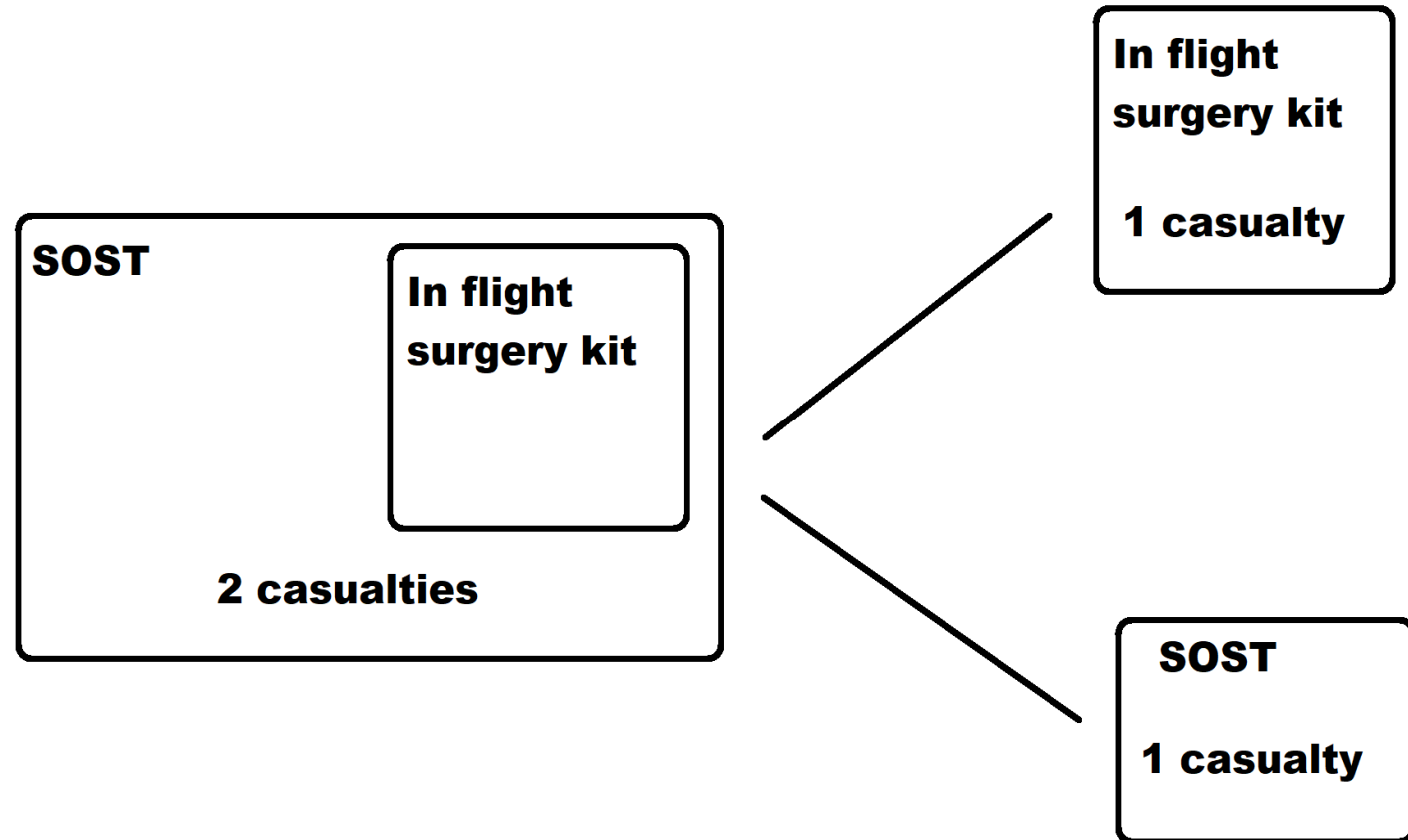
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Robust



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Improved ergonomics



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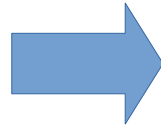
Improved ergonomics



Integrated training doctrine



- 4 (=>5) men/women team
- 2x T1 / 12h
- Inflatable tent
- Electricity = generator
- In-flight surgery : add on
- > 1000 kg
- >1 helicopter



- 5 men/women team
- 2x T1 / 6 h
- lightweight tent
- Electricity = battery
- In-flight surgery : integrated
- 650 kg
- 1 helicopter

Conclusion

- **1 objective**
 - be mission ready
- **2 medical priorities**
 - Surgery
 - Transfusion
- **3 tactical imperatives**
 - Transportability
 - Autonomy
 - Discretion

