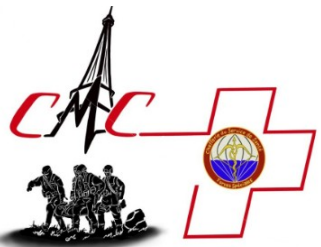


# M<sub>odule</sub> de C<sub>hirurgie</sub> V<sub>itale</sub> 22

## 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

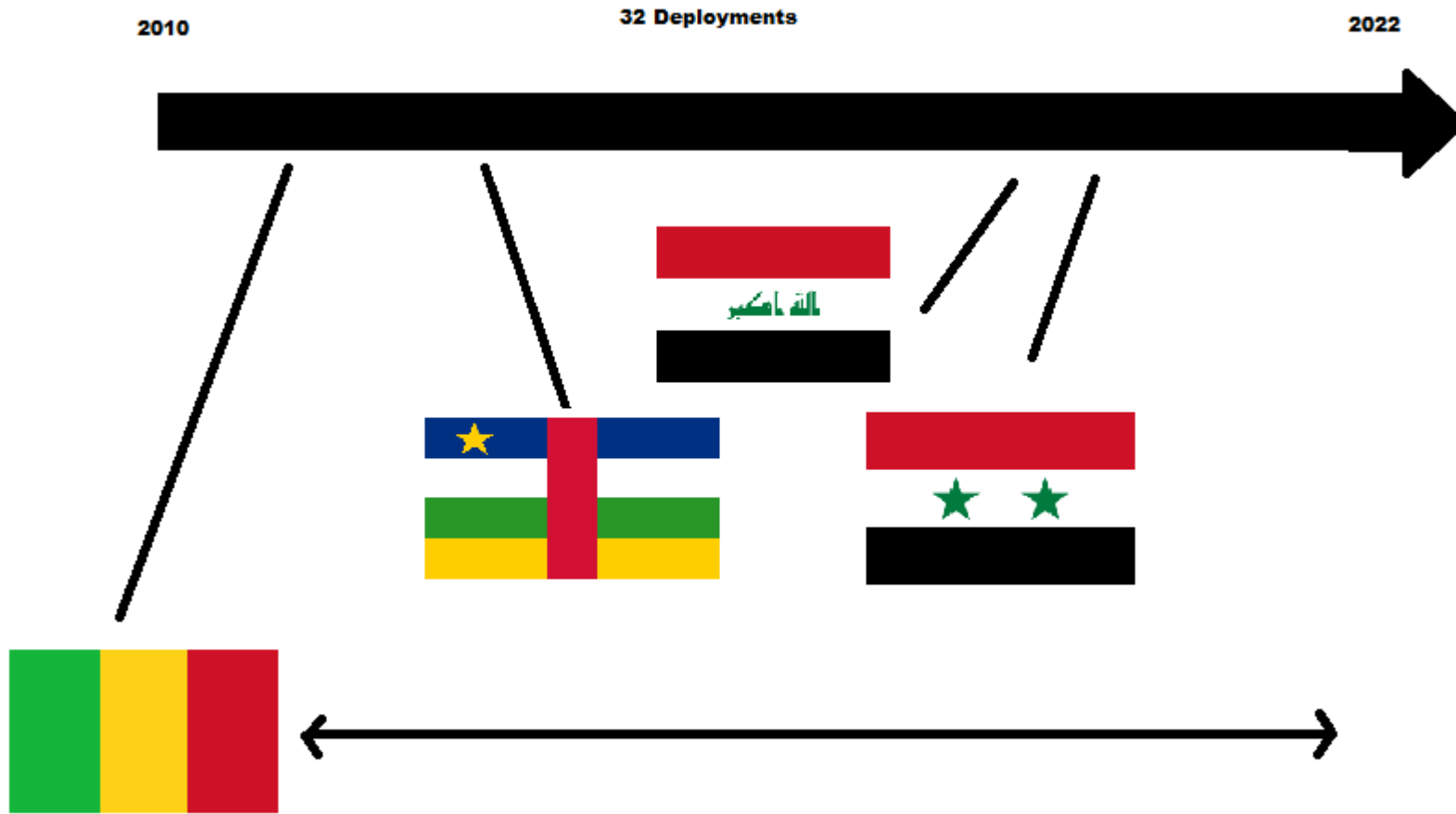


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# The Module de Chirurgie Vitale : a Swiss army knife for counter-insurgency operations surgical support



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**



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



**2x T1/ alpha casualties**



**Team + equipment = 1 helicopter**



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**Autonomy + discretion / 6h**



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**Versatile**



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**2x T1/ alpha casualties**



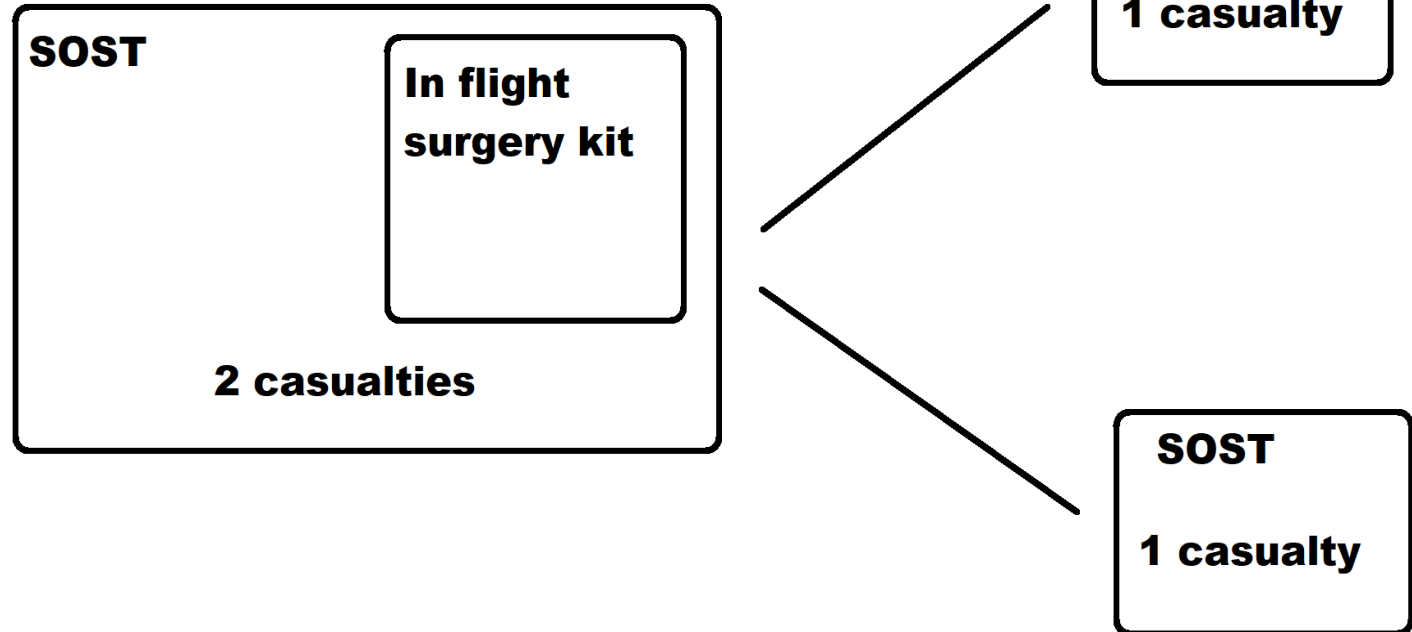
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# The Module de Chirurgie Vitale 2022 : an answer to operational needs



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**Versatile**



**Robust**





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



**2x T1/ alpha casualties**



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**Improved ergonomics**



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



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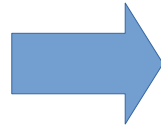
**Improved ergonomics**



**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

