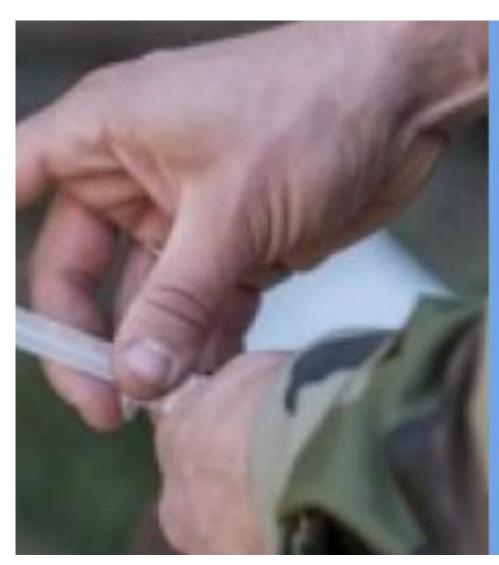




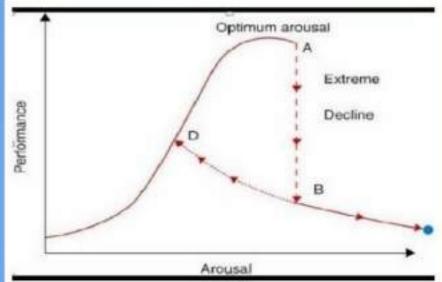


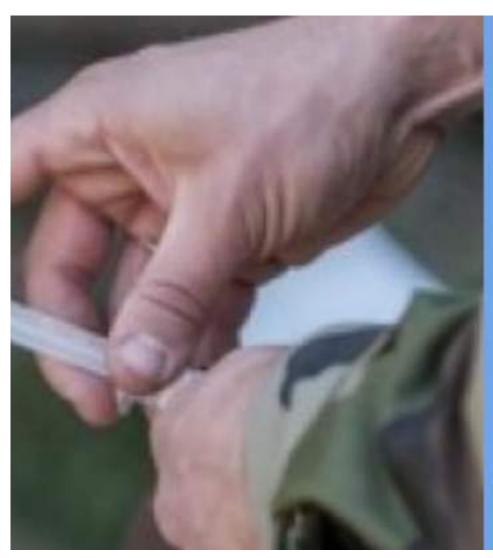
Underperformance:
Acute and considerable
decrease in skill execution
when self-expected
standards are normally
achievable



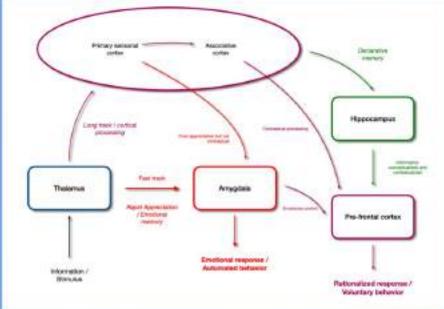


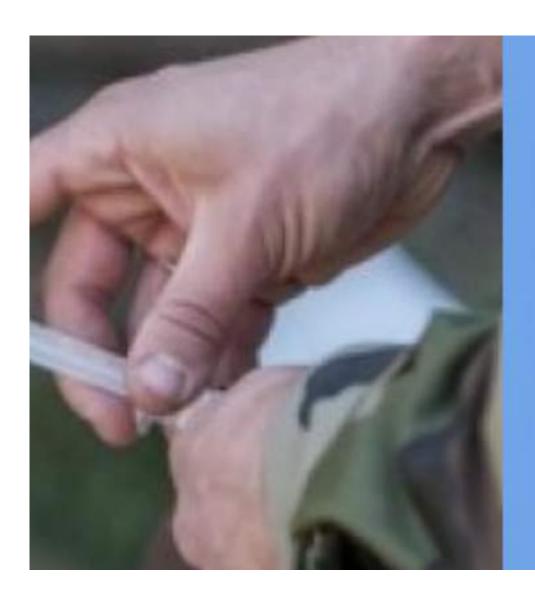
# Catastrophe theory









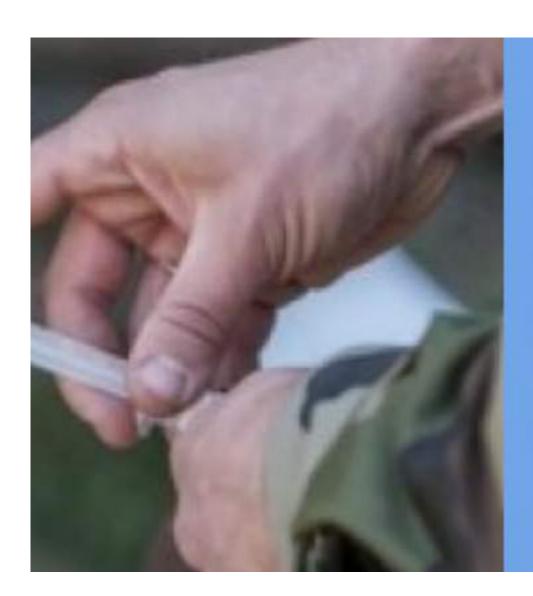


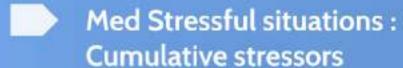


#### Med Stressful situations : Trauma triggers

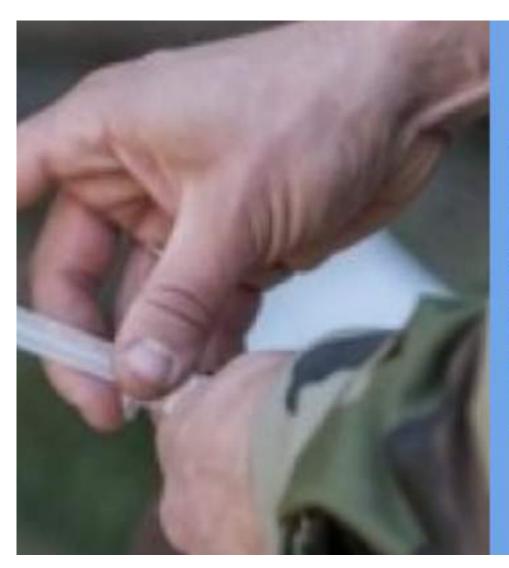
- Multiple wounded
- Pediatric deaths or disease
- High number of deaths
- Massive casualties triage
- Colleague(s) deaths or disease
- Being wounded oneself
- Feeling his own life's threatened







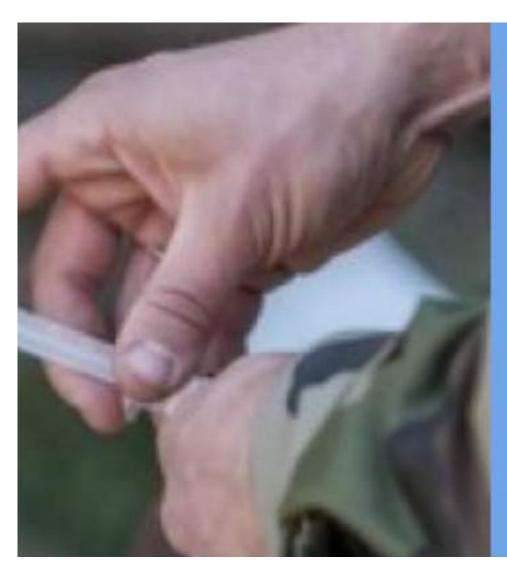
- Painful patients/yelling/crying
- Have to abandon some patients
- No possibilities to perform sufficient care
- Multiple contacts with patients' families
- Doing things outside our skills
- Unhealthy / unsafe working conditions
- Concern for loved ones
- Fear of infectious/toxic agents





## Stressful situations

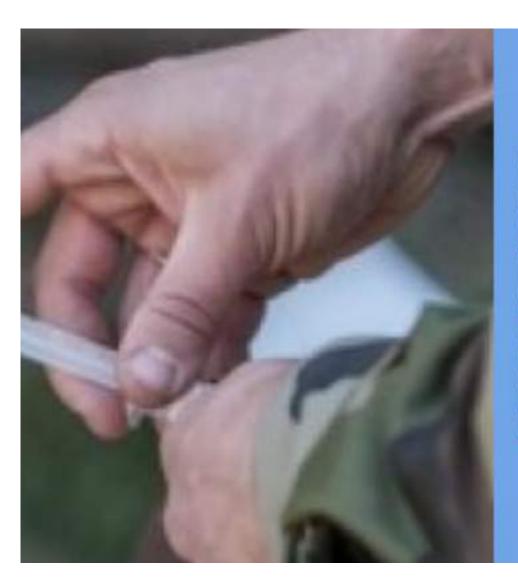






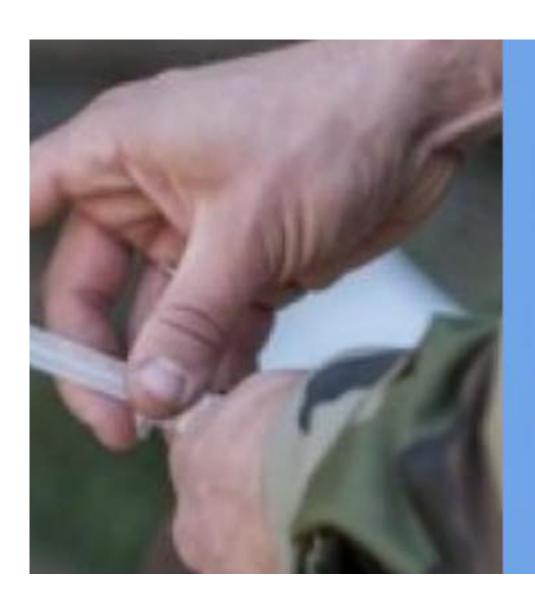
## Stressful situations

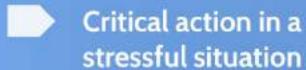




# Critical action in a stressful situation



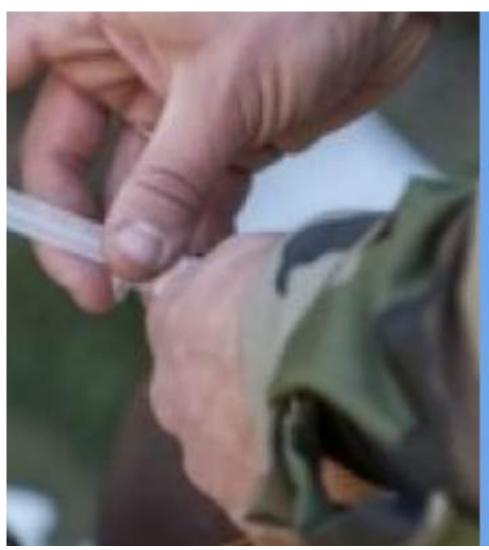




- Require full attention on the process
- Result expected
- Negative consequences in case of failure
- Can compromise the action of the whole team





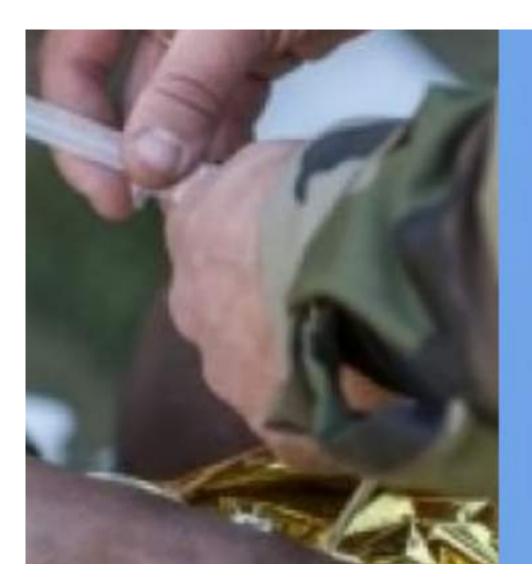


#### Components of Mental Performance





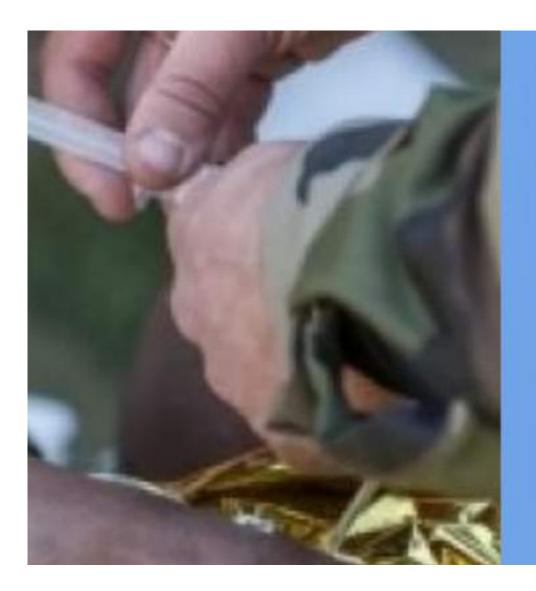






#### **ANTICIPATE**

- Emotional response Irritability, Anger, Sadness, Guilt, Worry, Fear, Apathy, Hate, Complaint, Blame
- Cognitive response
  Confusion, memory
  problems, attention or
  concentration difficulties

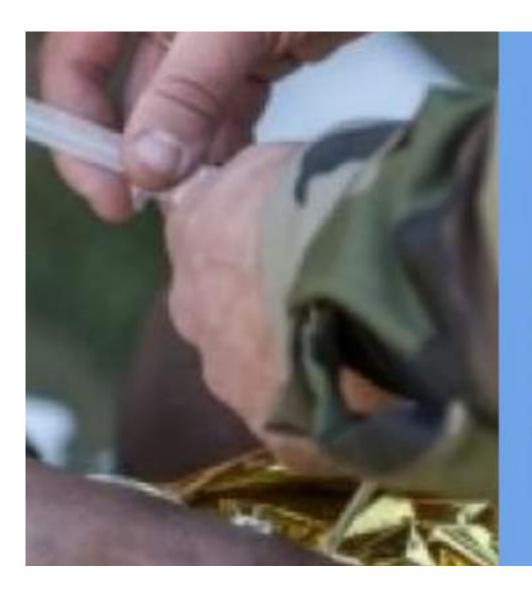




#### **ANTICIPATE**

- Physiological response
  Pain, muscle tension, feeling
  of intense physical fatigue,
  difficulty falling asleep,
  watery eyes
- Behavioral response

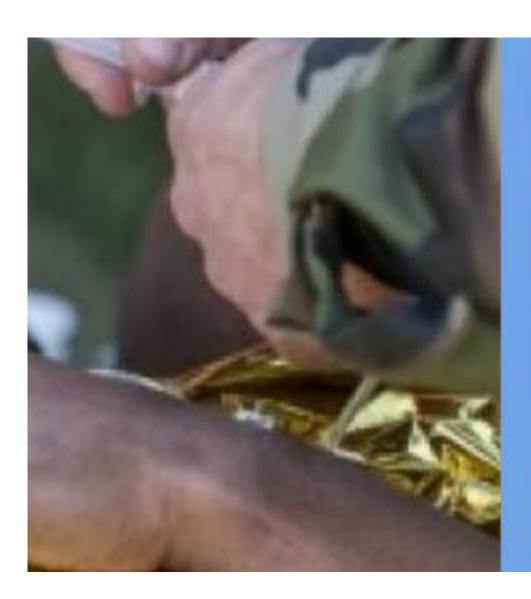
  Expressions of anger/
  irritability, alcohol/drug use,
  heavy smoking, withdrawal,
  isolation, over-investment in
  work, self-abandonment





- What are my expected stress responses?
- What will be the most stressful aspects for me during the crisis?
- Who are the people who can support me during the crisis / who can I contact if I need help?
- What coping tools and strategies do you already identify as useful for you?
- What are my resilience factors and strengths to cope with the crisis?







#### **Breathing techniques**

Randomized Controlled Trial > Neurol Sci. 2017 Mar; 38(3):451-458. doi: 10.1007/s10072-016-2790-8. Epub 2016 Dec 19.

#### The role of deep breathing on stress

Valentina Perclavalle 1, Marta Blandini 2, Paola Fecarotta 8, Andrea Buscemi 2, Donatella Di Corrado 4, Luana Rentolo 2, Fulvia Fichera 2, Marinella Coco 5

Affiliations + expand

PMID: 27995346 DOI: 10.1007/s10072-016-2790-8

 JBI Database System Rev Implement Rep. 2016 Jun;16(6):1367-1372. doi: 10.11124/JBISSBI-2017-000477.

Effectiveness of diaphragmatic breathing on physiological and psychological stress in adults: a quantitative systematic review protocol

Susani Hopper \* 3, Sherrie L Murray \* 7, Luczlie R Ferrara \* 3, Joanne K Singleton \* 3

Athliations + expend

PMID: 29894405 DOI: 10.11124UBBRIR-2017-003477

