





Institut national de la santé et de la recherche médicale

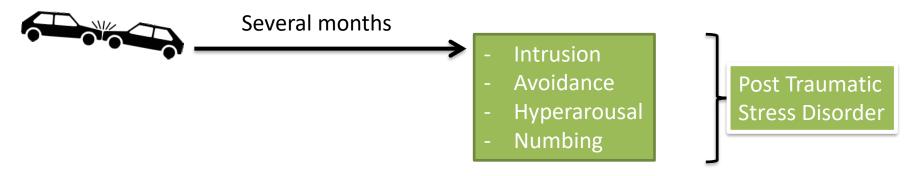




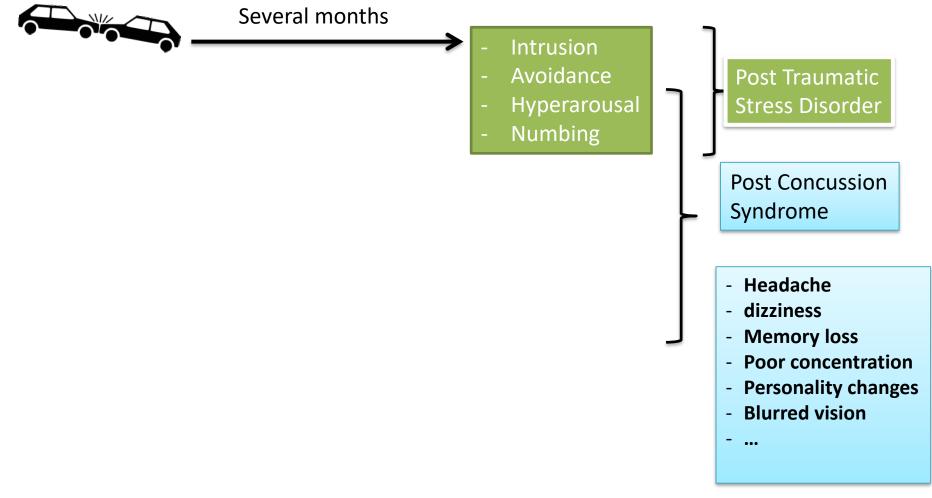
SOFTER Project

Symptoms Following Trauma: Emergency Response

Several symptoms



Several symptoms



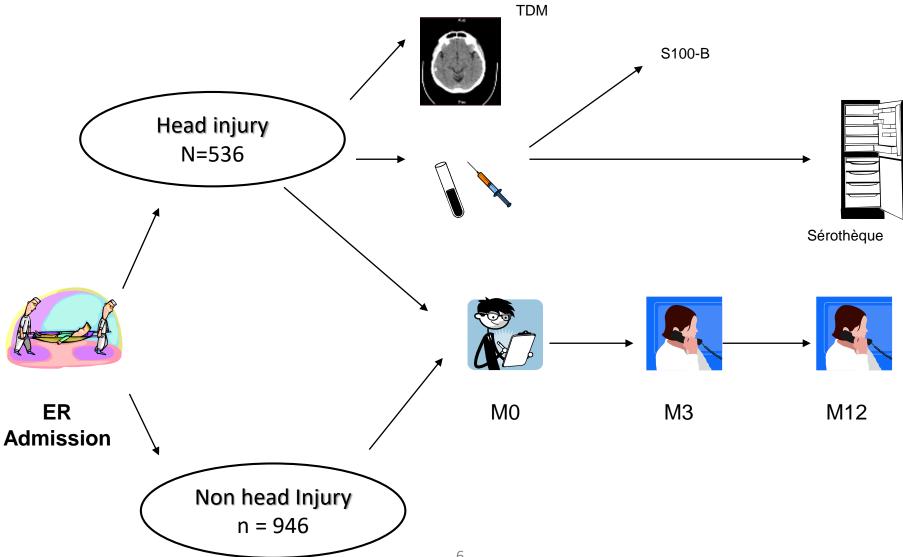
PERICLES Study

set of symptoms 3 months after the injury event among head injury patients among non-head injury patients

J Head Trauma Rehabil 2013



Pericles : Protocol





Formerly Archives of General Psychiatry

Original Investigation

Association of Symptoms Following Mild Traumatic Brain Injury With Posttraumatic Stress Disorder vs Postconcussion Syndrome

Emmanuel Lagarde, PhD; Louis-Rachid Salmi, MD, PhD; Lena W. Holm, DrMedSc; Benjamin Contrand, MPH; Françoise Masson, MD; Régis Ribéreau-Gayon, MD; Magali Laborey, PhD; J. David Cassidy, PhD, DrMedSc

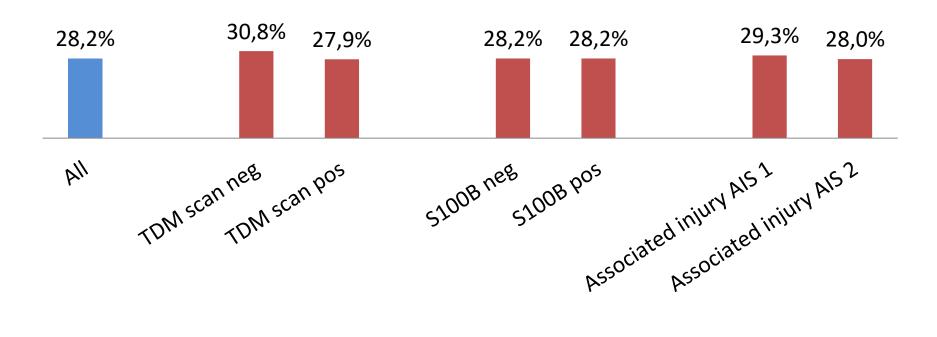
IMPORTANCE A proportion of patients experience long-lasting symptoms following mild traumatic brain injury (MTBI). The postconcussion syndrome (PCS), included in the *DSM-IV*, has been proposed to describe this condition. Because these symptoms are subjective and common to other conditions, there is controversy whether PCS deserves to be identified as a diagnostic syndrome.

Table 3. Proportion of Participants With PTSD and PCS at the 3-Month Follow-up

	Meeting Syndrome Definition at Month 3, %		
Criteria	Head Injury (n = 534)	Nonhead Injury (n = 827)	
PCS			
Rivermead ^a	28.7	22.9	
DSM-IV ^a	21.2	16.3	
ICD-10 ^a	53.4	43.1	
Laborey ^a	27.5	14.9	
PTSD DSM-IV ^a	8.8	2.2	
Intrusion	33.7	25.2	
Avoidance	20.4	6.9	
Hyperarousal	24.7	18.5	

"Post-concussion syndrome" at 3 months :

No association with severity

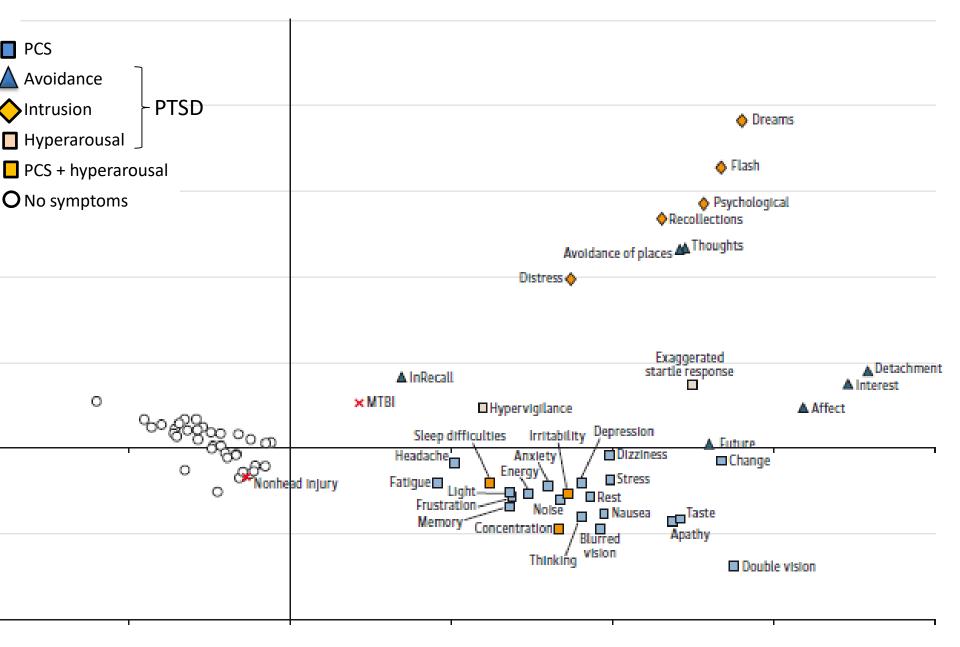


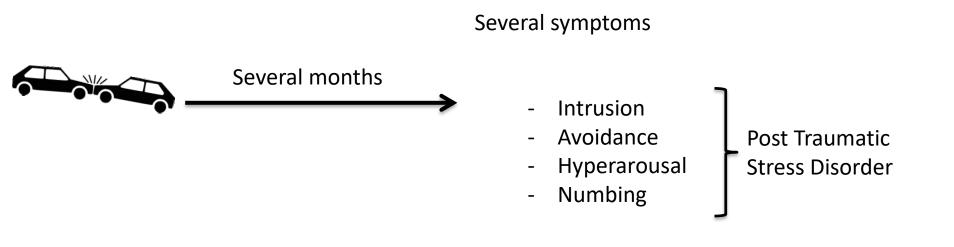
Associated with preexisting health condition

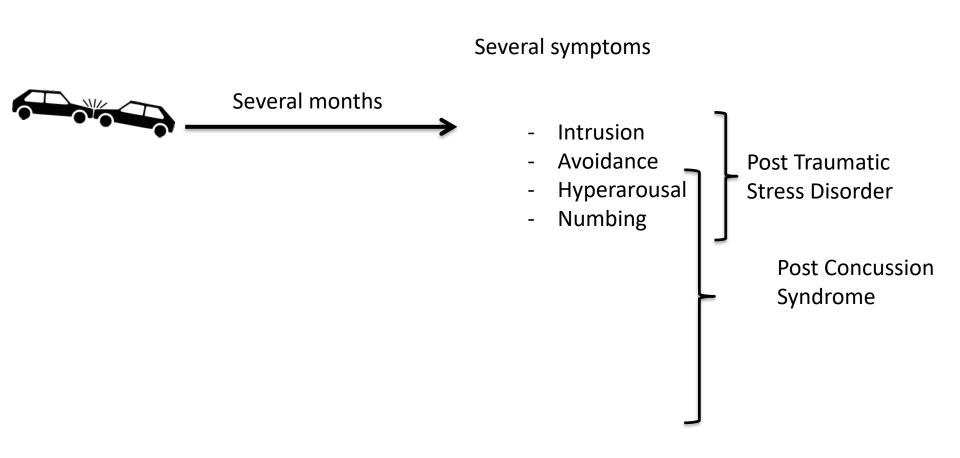
			PCS (DSM-IV)
Variable	No.	%	OR (95% CI) ^a
Causal event			
Assault	71	28.2	2.17 (1.18-3.99)
Road crash	253	19.8	1.32 (0.88-1.98)
Fall	533	19.7	1 [Reference]
Other	479	13.6	0.89 (0.60-1.3)
Health condition before trauma			
Excellent/very good	565	12.6	1 [Reference]
Fair	653	19.7	1.56 (1.12-2.16)
Poor	118	33.9	2.69 (1.65-4.38)
History of anxiolytics consumption			
Yes	148	34.5	2.10 (1.39-3.18)
No	1188	15.9	1 [Reference]

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Post concussion syndrome

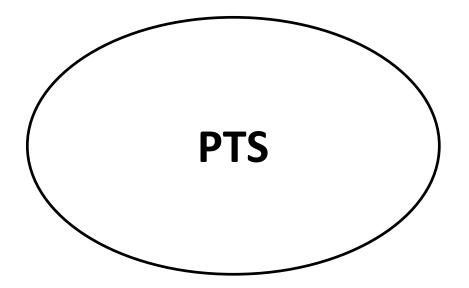




Post traumatic syndrome (PTS)

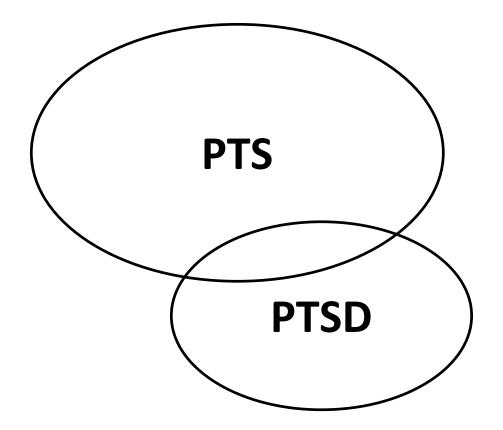
Post concussion syndrome

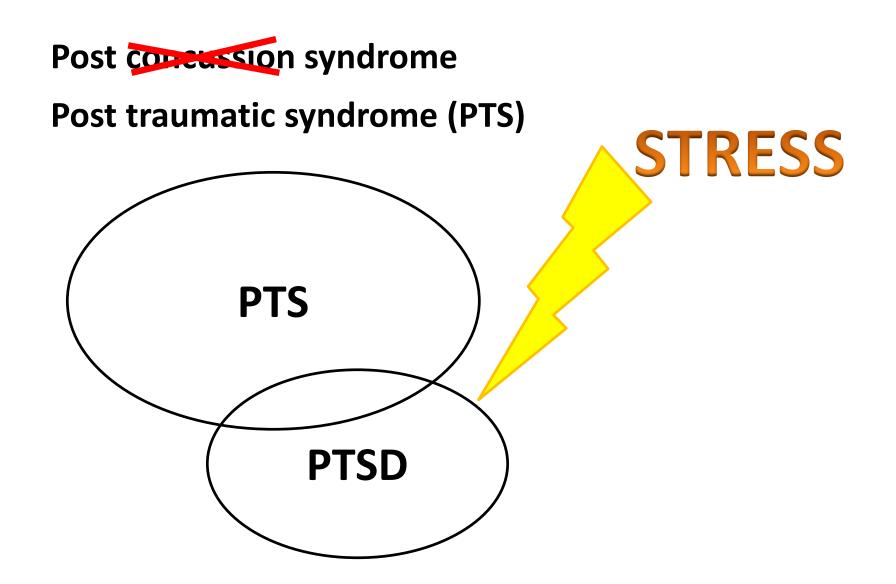
Post traumatic syndrome (PTS)

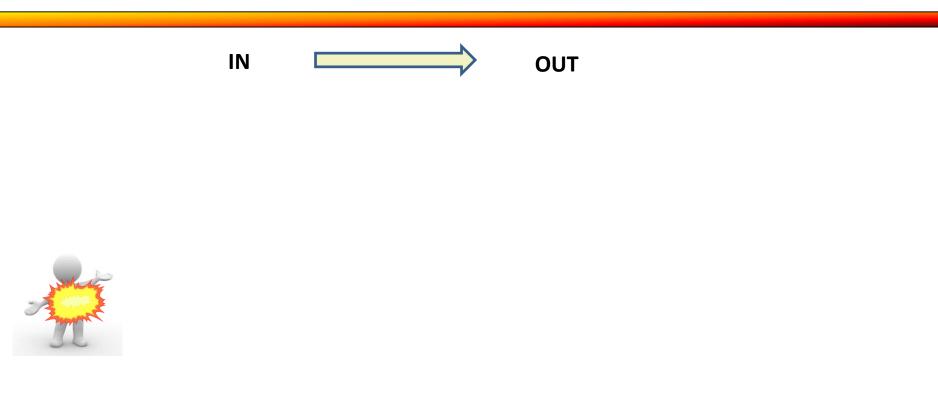


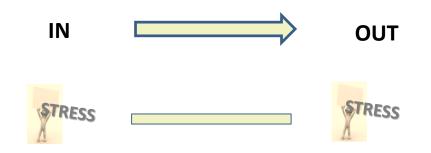
Post concussion syndrome

Post traumatic syndrome (PTS)

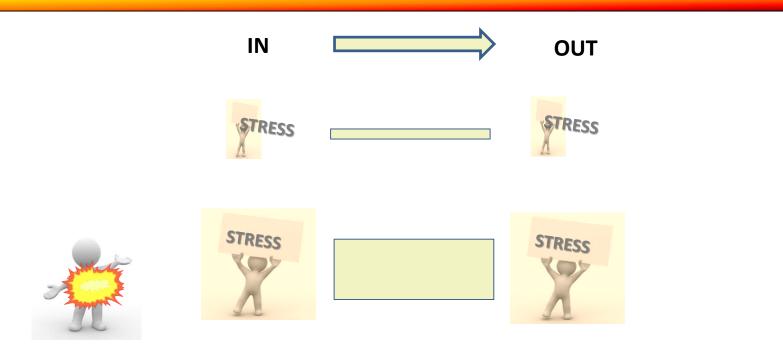


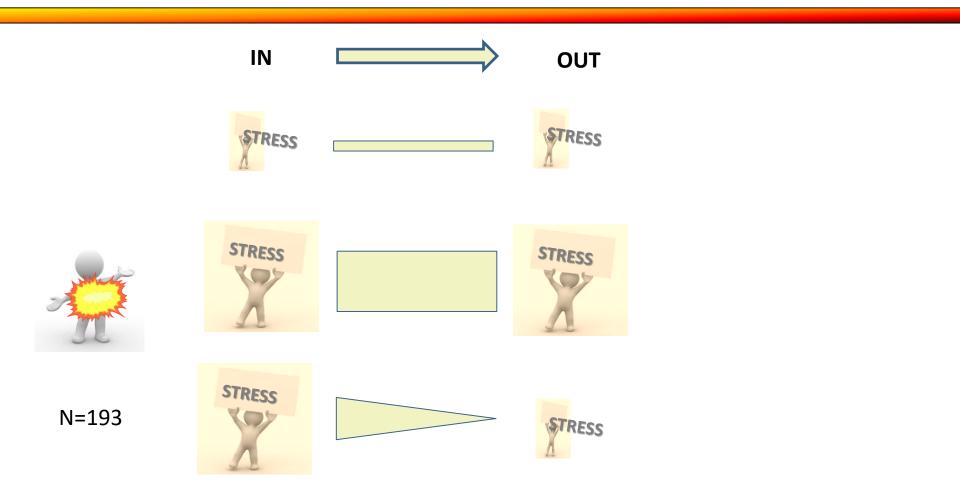


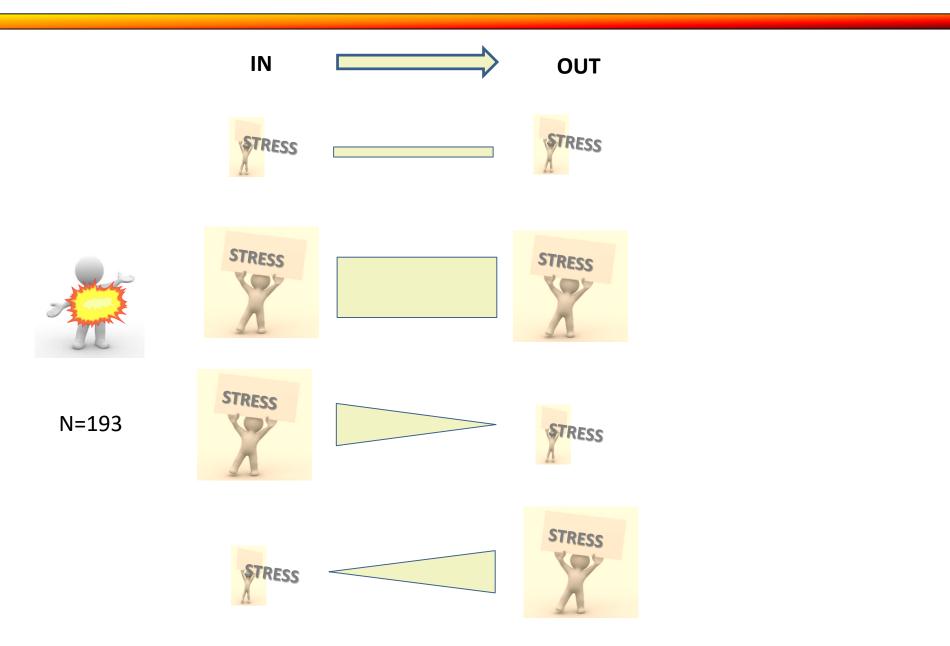


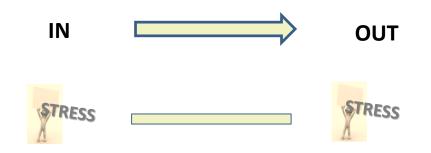








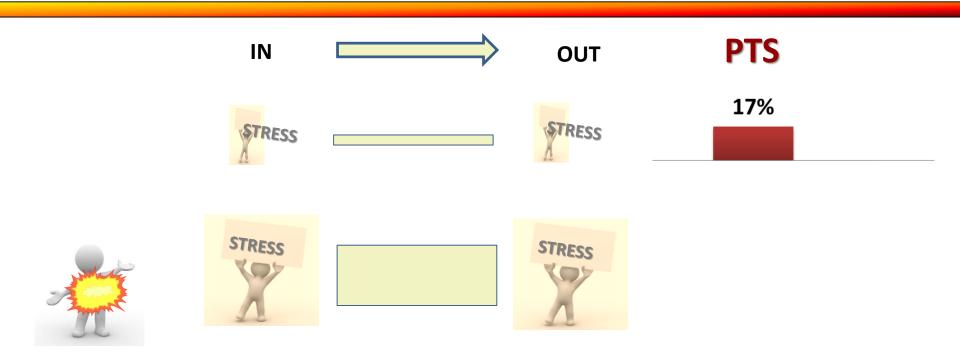


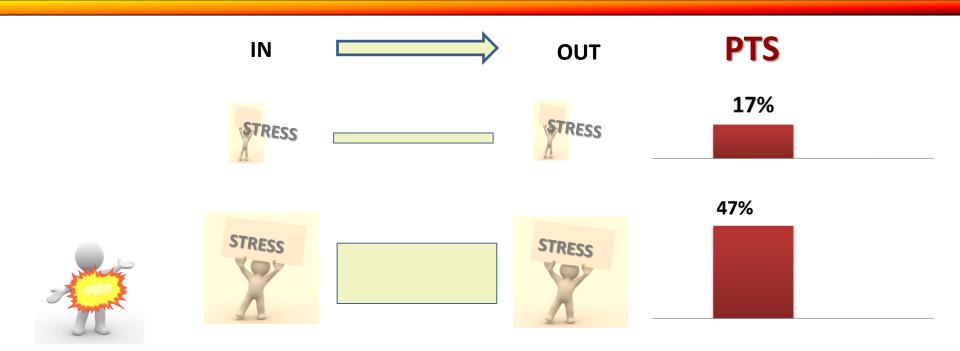


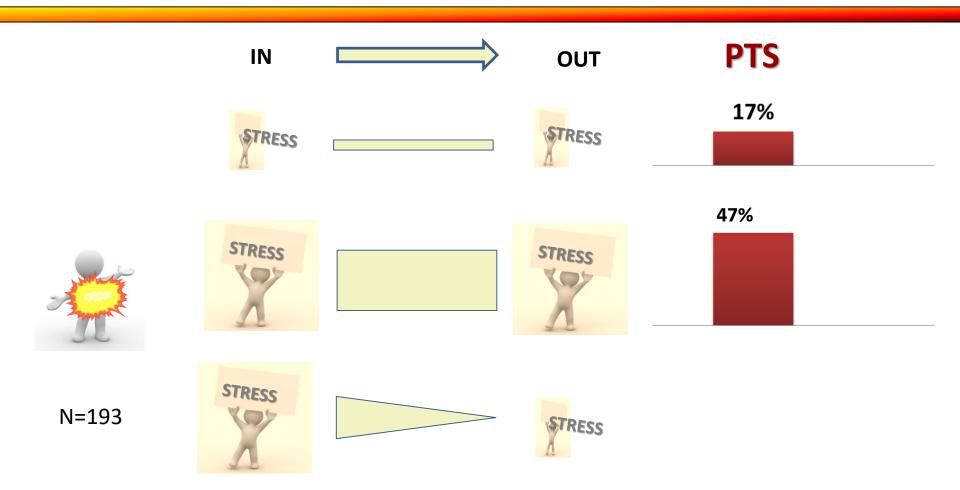


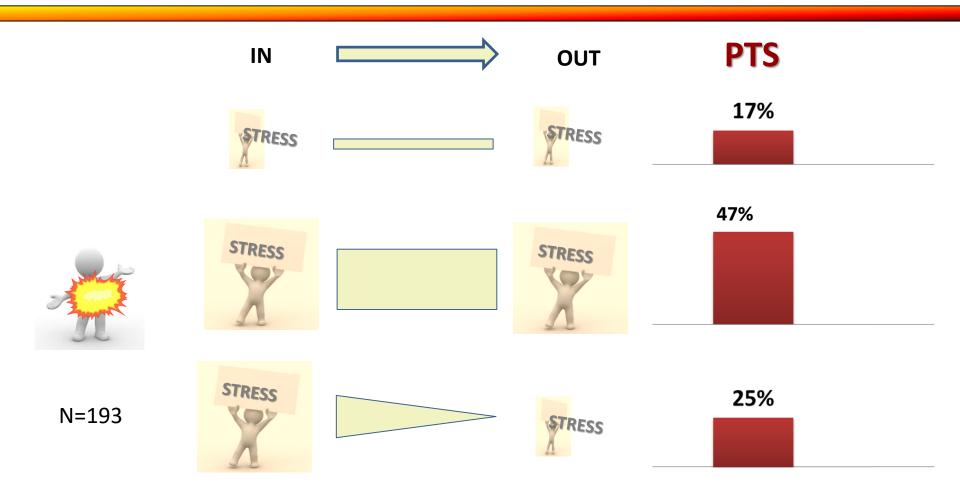


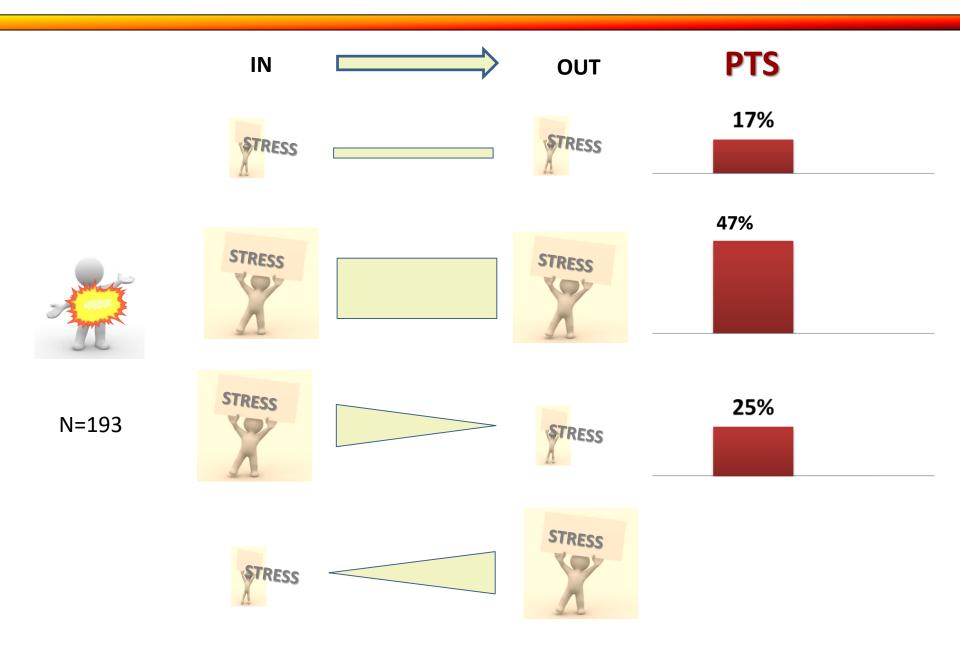


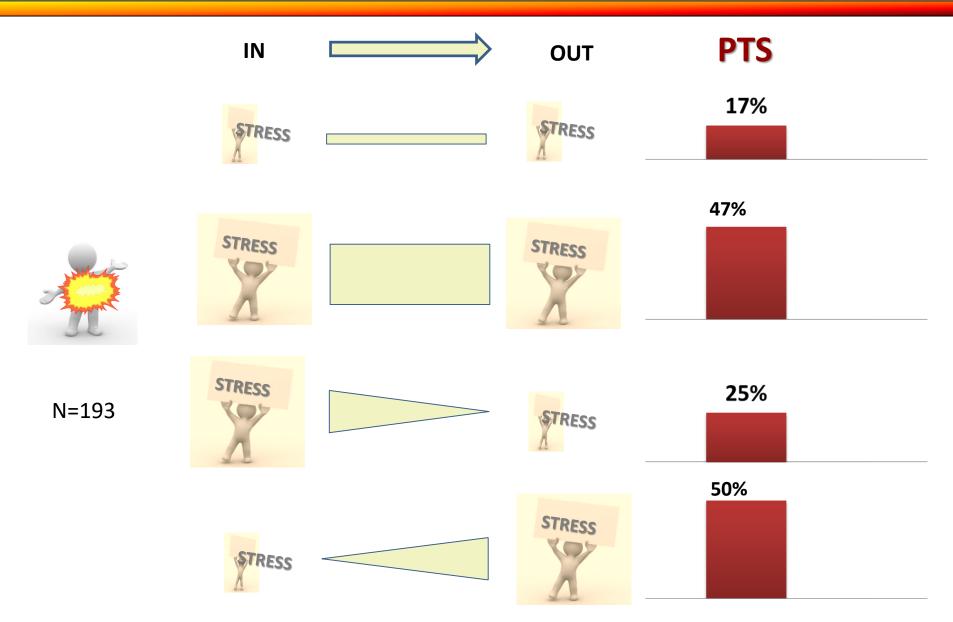


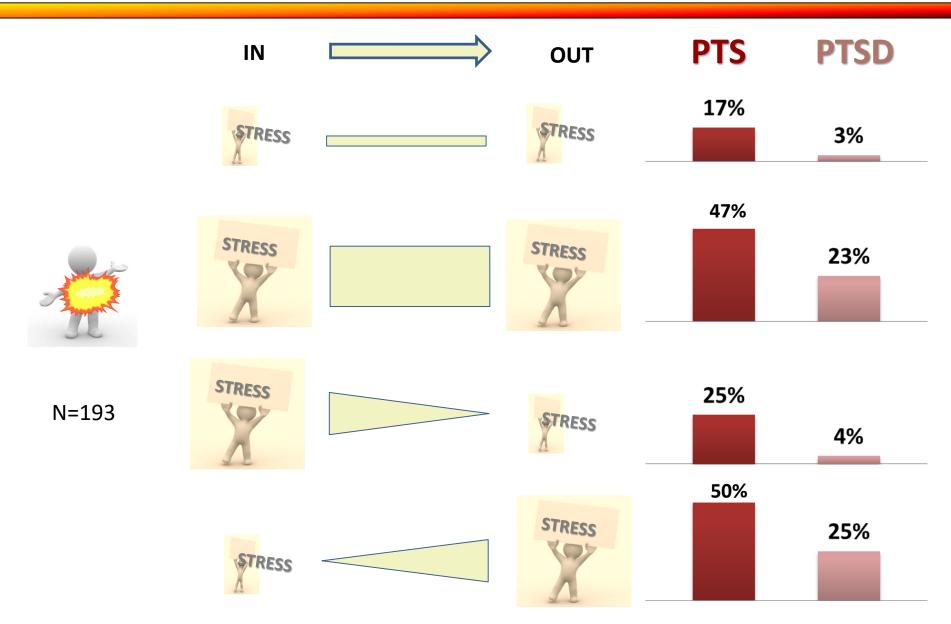




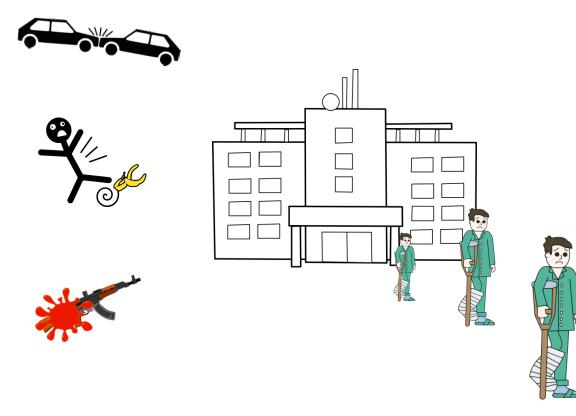




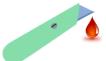




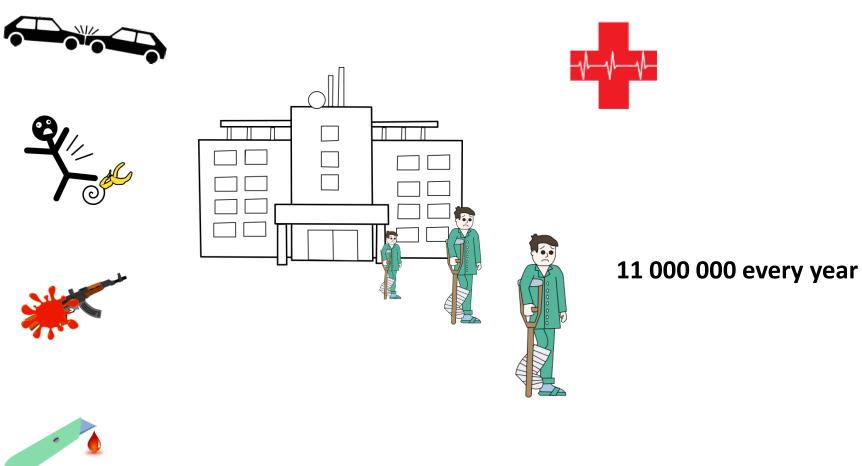
TRAUMA



5 000 000 every year

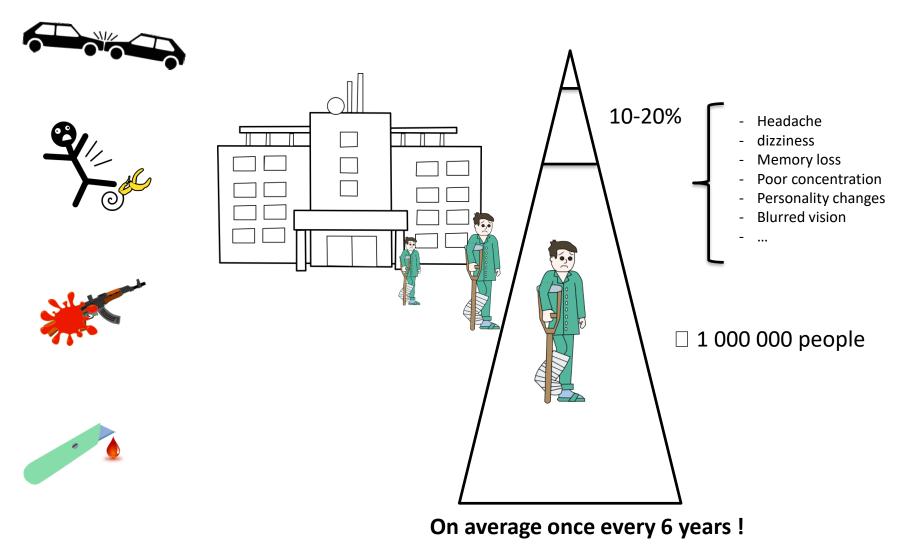


TRAUMA



On average once every 6 years !

+ NON-TRAUMA



Prognosis is modifiable

OPEN O ACCESS Freely available online

PLOS MEDICINE 20

2008

Expectations for Recovery Important in the Prognosis of Whiplash Injuries

Lena W. Holm^{1*}, Linda J. Carroll^{2,3}, J. David Cassidy^{4,5}, Eva Skillgate⁶, Anders Ahlbom^{1,7}

1 Division of Epidemiology, Institute of Environmental Medicine, Karolinska Institutet, Stockholm, Sweden, 2 Department of Public Health Sciences, School of Public Health, University of Alberta, Edmonton, Alberta, Canada, 3 Alberta Centre for Injury Control and Research, University of Alberta, Edmonton, Alberta, Canada, 4 Toronto Western Hospital, University Health Network University of Toronto, Toronto, Ontario, Canada, 5 Department of Public Health Sciences, Faculty of Medicine, University of Toronto, Toronto, Ontario, Canada, 6 Division of Cardiovascular Epidemiology, Institute of Environmental Medicine, Karolinska Institutet, Stockholm, Sweden, 7 Stockholm Center for Public Health, Stockholm, Sweden

J Head Trauma Rehabil Vol. 28, No. 4, pp. 313–322 2013 Cognitive-Behavioral Prevention of Postconcussion Syndrome in At-Risk Patients: A Pilot Randomized Controlled Trial

Noah D. Silverberg, PhD; Bradley J. Hallam, PhD; Alice Rose, B.OT.; Heather Underwood, MD; Kevin Whitfield, MA; Allen E. Thornton, PhD; Maureen L. Whittal, PhD

PTSD prevention in literature

39

Issues in Mental Health Nursing, 37:787-799, 2016

Early Psychological Preventive Intervention For Workplace Violence: A Randomized Controlled Explorative and Comparative Study Between EMDR-Recent Event and Critical Incident Stress Debriefing

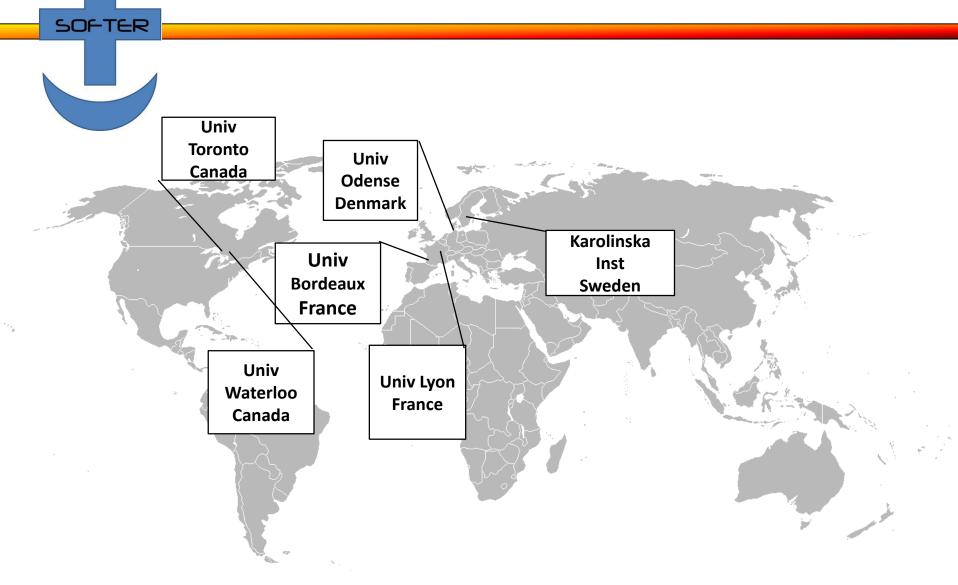
Cyril Tarquinio PhD, Christine Rotonda PhD, William A. Houllé MPsych, Sébastien Montel PhD, Jenny Ann Rydberg MPsych, Laetitia Minary PhD, Hélène Dellucci MPsych, Pascale Tarquinio MPsych, Any Fayard & François Alla PhD

JAMA Psychiatry. 2015;72(3):259-267.

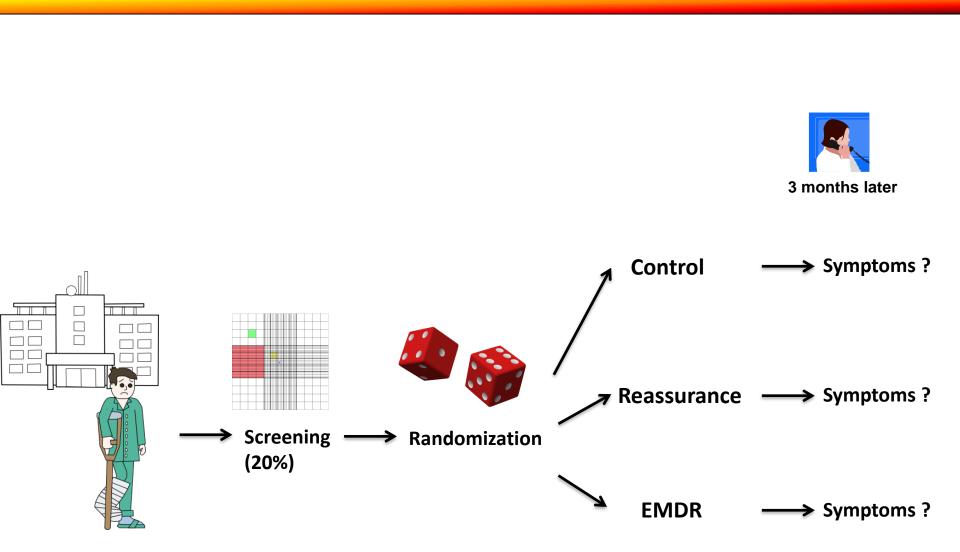
Prolonged Exposure vs Eye Movement Desensitization and Reprocessing vs Waiting List for Posttraumatic Stress Disorder in Patients With a Psychotic Disorder A Randomized Clinical Trial

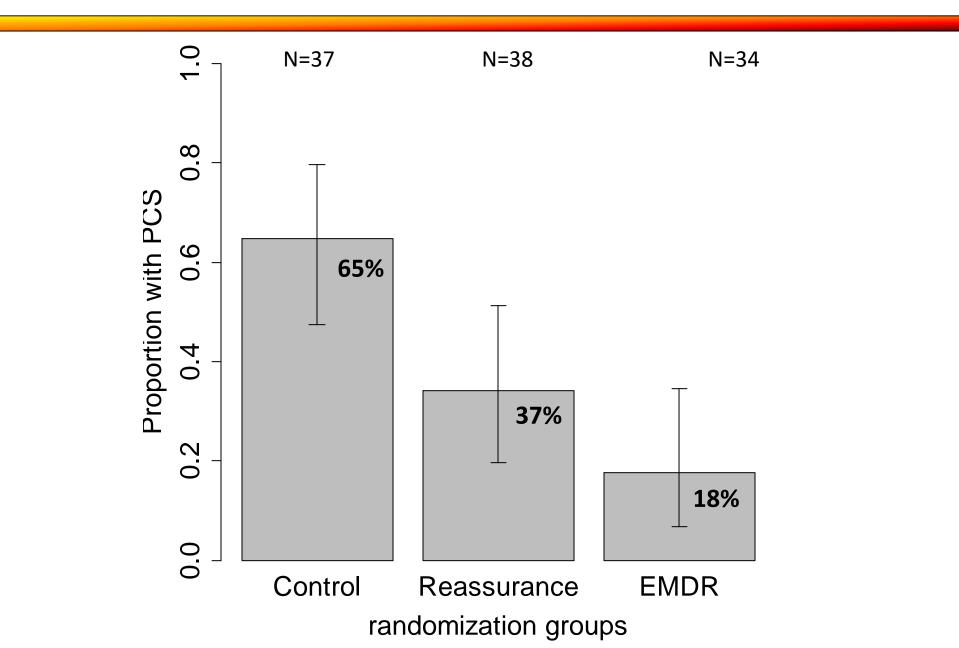
David P. G. van den Berg, MSc; Paul A. J. M. de Bont, MSc; Berber M. van der Vleugel, MSc; Carlijn de Roos, MSc; Ad de Jongh, PhD; Agnes Van Minnen, PhD; Mark van der Gaag, PhD

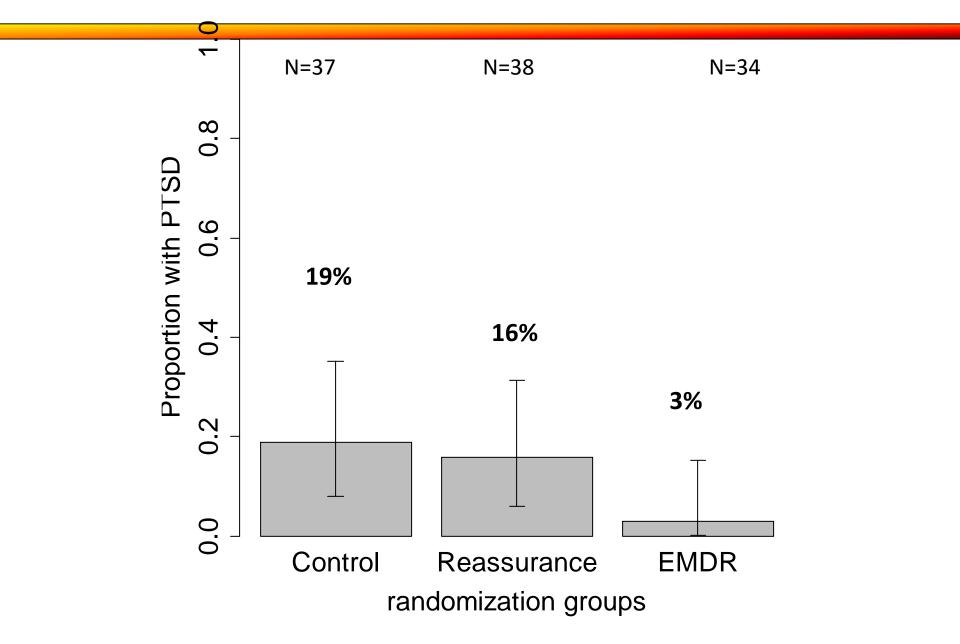
SOFTER consortium

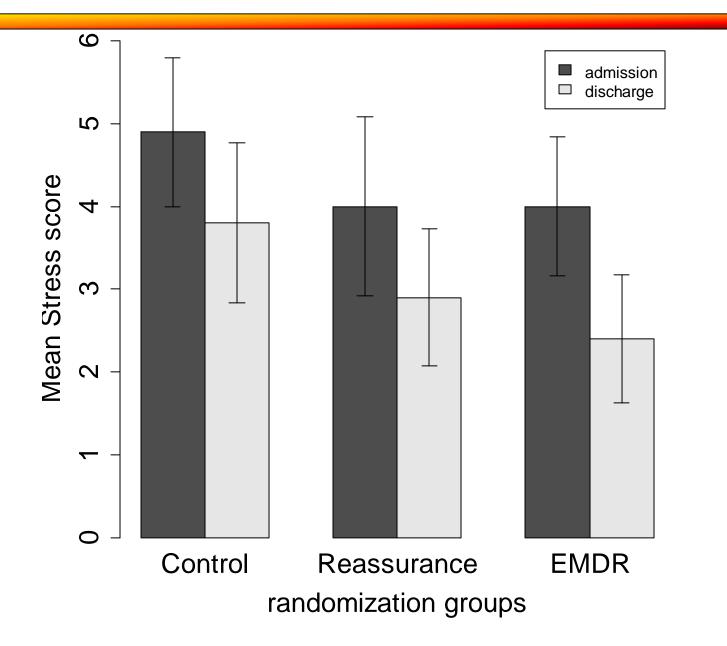


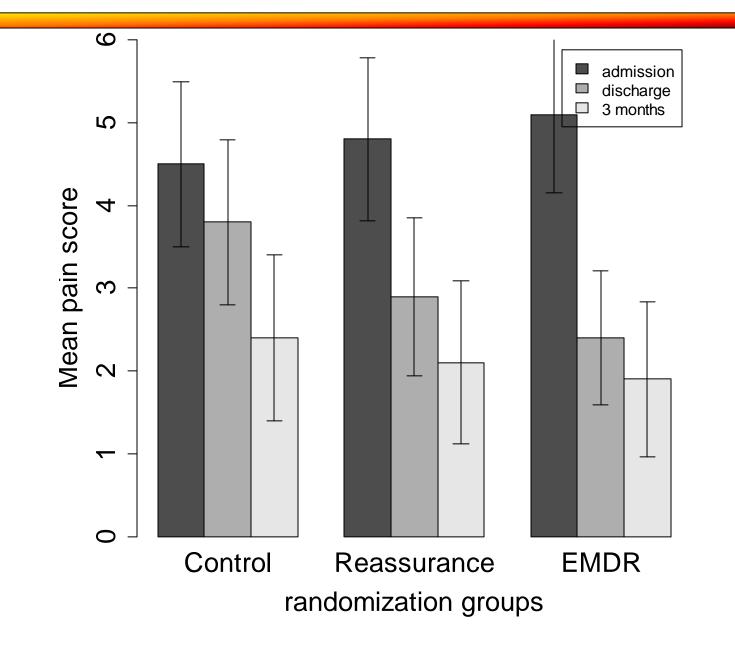
2016 Pilot study #2 : Randomized Controlled Trial











Unanswered questions

1. How long is the impact?

- Outcome at 12 months / 24 months
- Long-term potential outcomes would address concers related to reporting bias

2. Cost-benefit evaluation

- Number of medical consultations avoided
- Medicines use reduction (antidepressant / anxiolytics hypnotics/ antalgics)
- Number of working days spared (students and professionnals)
- Psychological and medical burden reduction
- Costs for the intervention

3. Acceptability

- EMDR was feasible in our ED in Bordeaux : and else where ?
- Working conditions of a psychologist at the ED. 7/7 24/24 ?

4. Optimization

- Analysing EMDR log
- Improving screening tool

5. Reproductibility