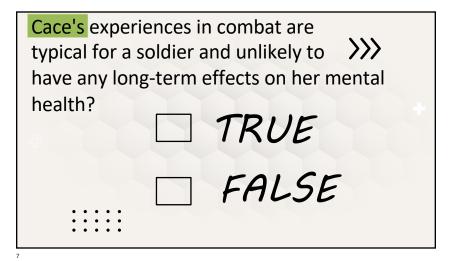
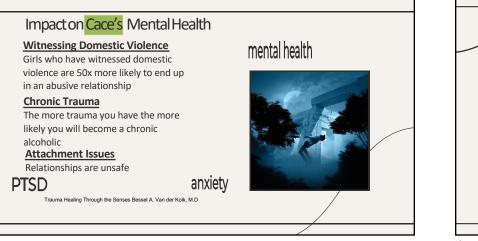
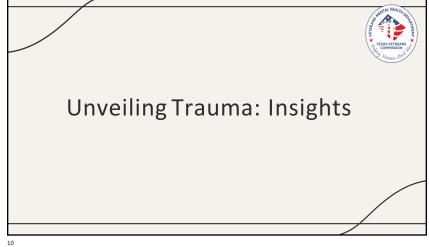


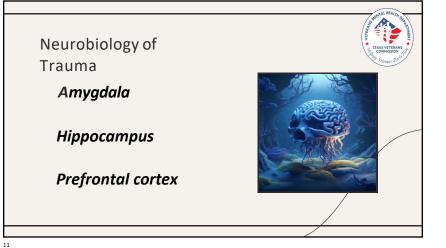
TBI

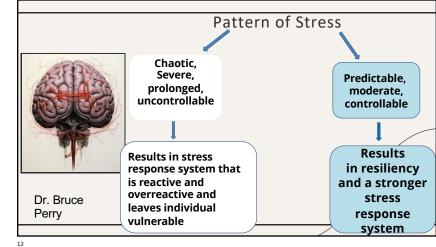










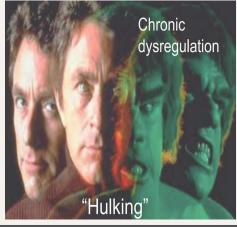




What happens in the brain because of Trauma?

Overwhelming Fear or Speechless Terror

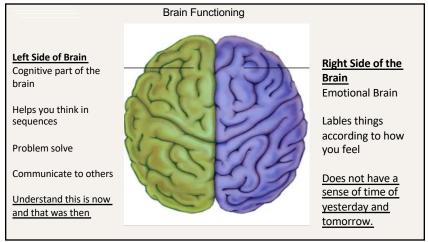
Dr. Vanderkolk

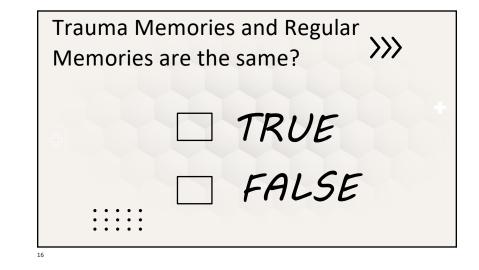


14

Impact on Neural Networks

> Heightened hypervigilance flashbacks, and emotional dysregulation.





# Understanding Traumatic Memories Trauma Memories are different than ordinary memories

17



### Understanding Traumatic Memories The Trauma is over, but the memory lives on



Paraphrased: ('I Automatisme Psychologiques, 1889)

18

When individuals **struggle** to deal with traumatic **memories**, bits and pieces of the whole **experience** stick around as **intense** strong feelings, flashbacks, body reactions, and bizarre actions.

Unable to process those tough memories, it's like they can't handle new experiences either. Feels like their personality just hits a wall and they can't grow anymore

## Understanding Traumatic Memories

All traumatized people seem to have the evolution of their lives **halted**: they are "attached to an **insurmountable** obstacle" (1919)

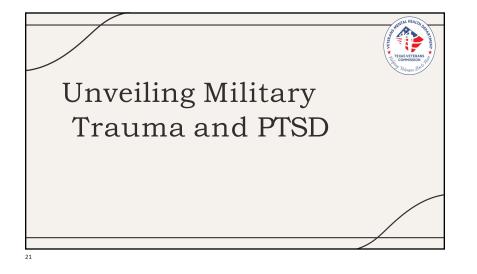
Paraphrased: ('I Automatisme Psychologiques, 1889)

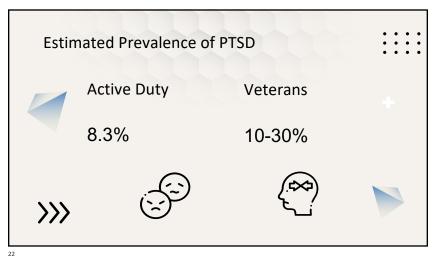


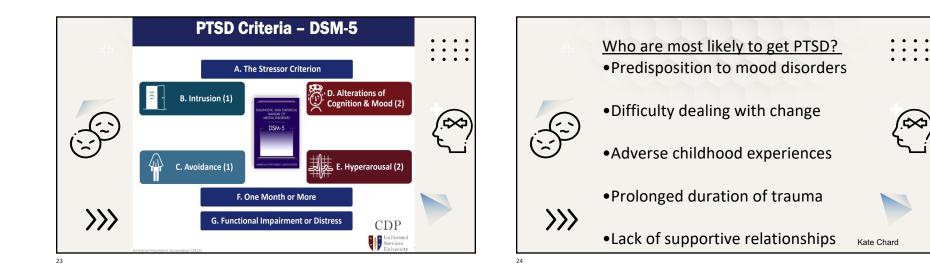
20

## Understanding Traumatic Memories

As the days **TURNED** into weeks and then months, Cace.... <u>B</u>arriers <u>H</u>it a Wall <u>D</u>isconnected







#### Moral Injury

Moral injury is psychological trauma from actions or inactions that violate a person's ethical code, occurring when an individual feels a moral transgression has taken place.



25



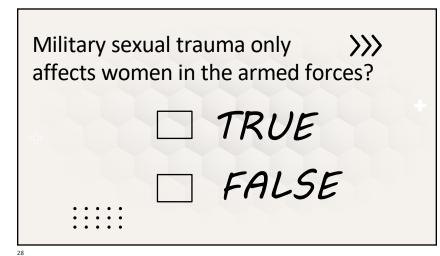
## Diagnosis of Moral Injury

Treatment for Moral Injury Evidence-Based Treatments Spiritual Approaches Importance of Social Support







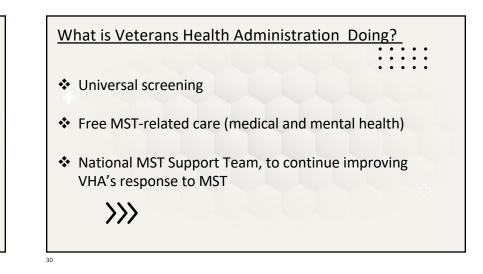


## How is Military Sexual Trauma (MST) Defined?

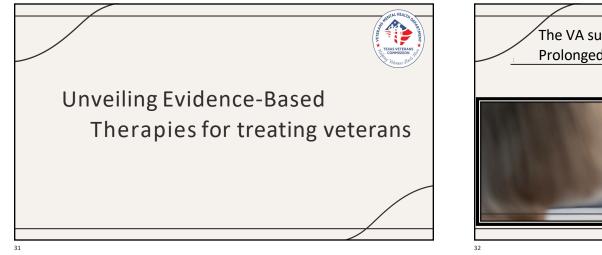
The VA defines "military sexual trauma" (MST) as sexual assault or harassment experienced during military service, including any involuntary or coerced sexual activity

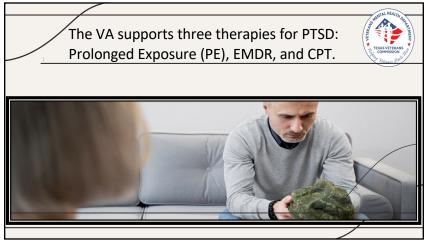
 $\rangle\rangle\rangle$ 

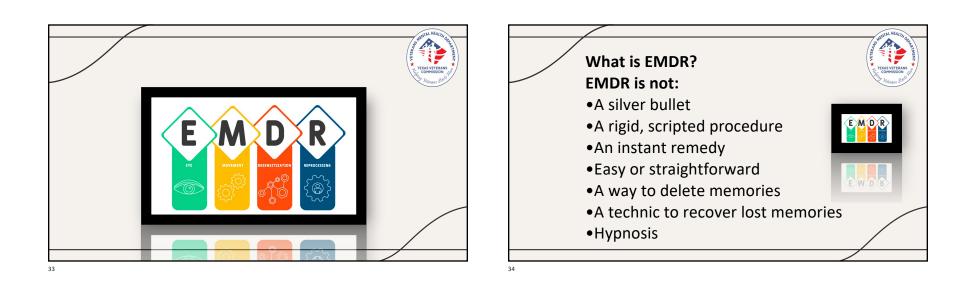




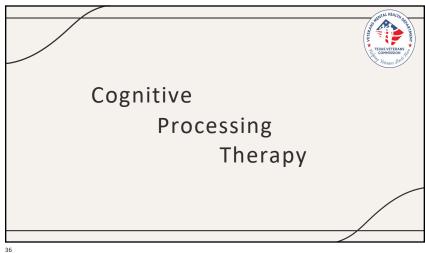
**\*** .

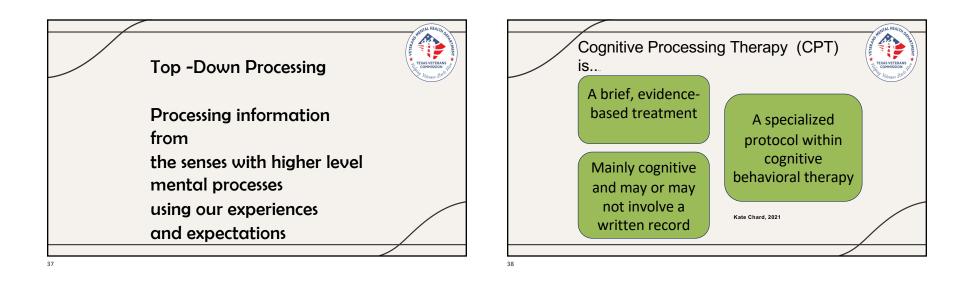


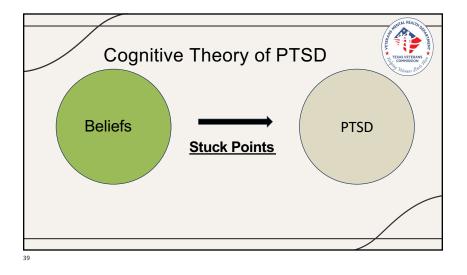










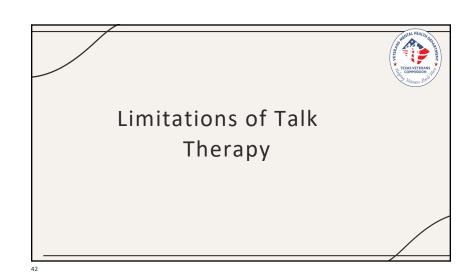


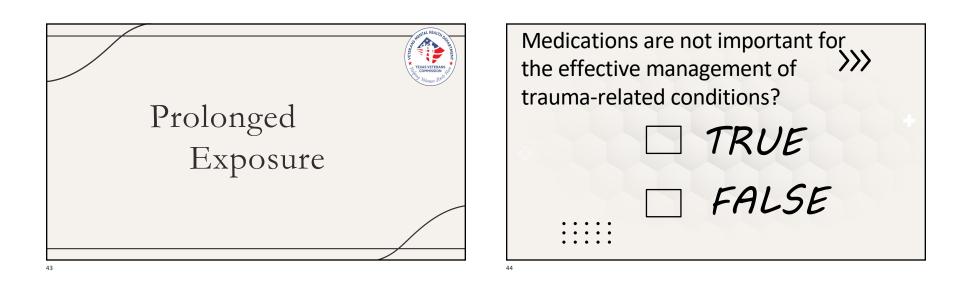
Activating Event A	Belief/Stuck Point B	Consequence C
"Something happens"	"I tell myself something"	"I feel something"
l build a porch and the railing comes loose.	"I can never do anything right."	Anger at myself and sadness
re my thoughts above in column B realistic or	helpful? _No. It wouldn't hold up in a cou	rt of law, because I do some things righ
/hat can I tell myself on such occasions in the	future?There are some things that I d	o all right. It is not true that I 'never d
	anything right."	

#### Examples of Getting Stuck

- Other people were killed because I messed up.
- I don't deserve to live when other people lost their lives.
- If I let other people get close to me, I'll get hurt again
- I must be on guard at all times.
- No civilians can understand me.









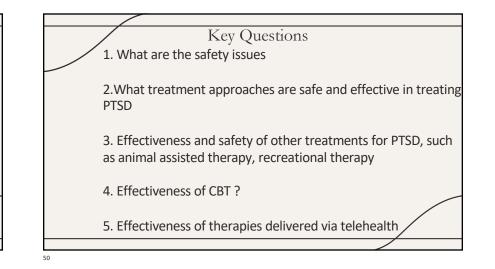


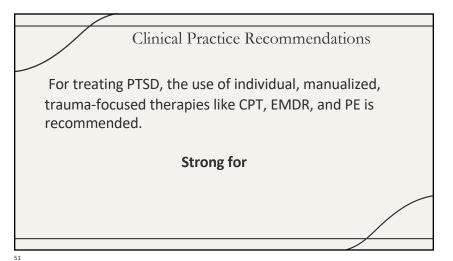
Combination Therapy

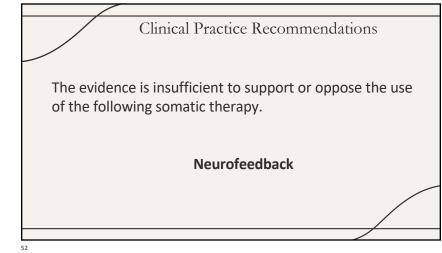
48

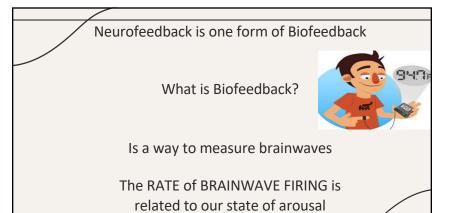
Other Interventions for Military Personnel and Veterans: Addressing TraumaVA evidence-based clinical practice recommendations for Treatment of PTSD

We recommend We suggest There is sufficient evidence for We suggest against We recommend against Center for Deployment 2024









Special Operations Wing Offers Neurofeedback Capability



Self-regulation Relaxation Mood Stabilization

54

8/5/24

## Neurofeedback

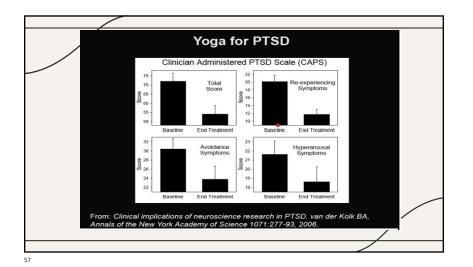
It requires good therapeutic skills and belongs the hand of professionals

Unwanted effects are also possible (NOT without side effects

Training is a MUST with modern neurofeedback

Neurofeedback is a tool and not a substitute for therapy Thanks to Beemedric Folks The evidence is insufficient to support or oppose the use of the following mindbody interventions.

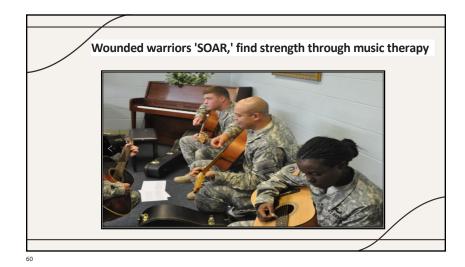
Creative Art therapies (e.g., music, dance, music, art) and yoga

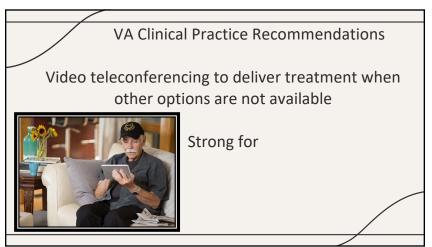




8/5/24

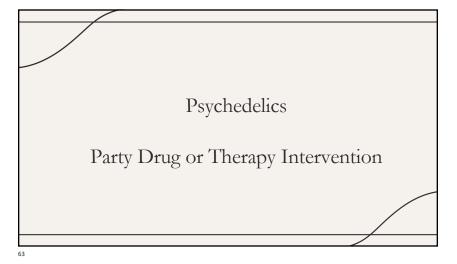






VA Clinical Practice Recommendations Cannabis or cannabis derivatives for the treatment of PTSD Strong Against

62



## People want to feel connected



