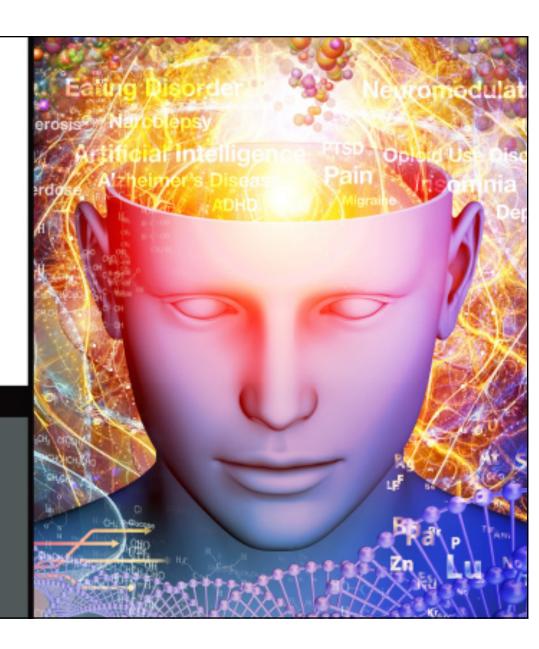
First Line Psychotherapies for Military-Related PTSD

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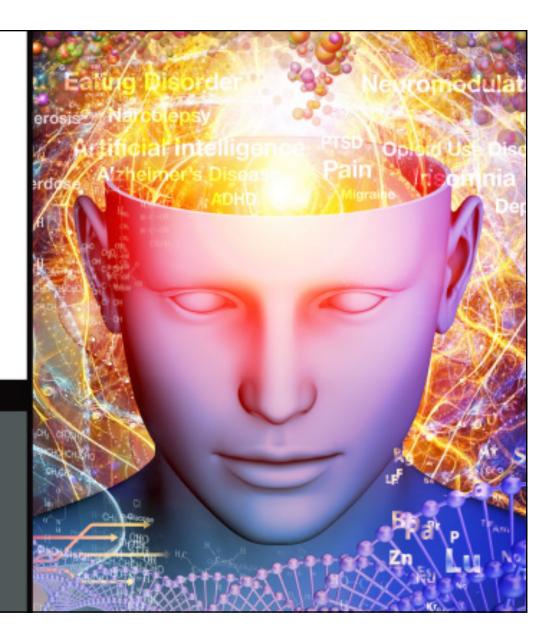


Charles R. Marmar, MD Disclosures

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Learning 1 Objective

Examining psychotherapy interventions to military-related PTSD



First Line Psychotherapies for Military Related PTSD

- PE and CPT widely disseminated in DoD and VA
- Manualized trauma focused therapies
- 12 session monotherapies
- We reviewed RCTs in 2015¹
 - 4 RCTs of PE and 5 RCTs of CPT
 - Large effect sizes for PTSD symptom reduction (d = 0.78-1.10)
 - Heterogeneous outcomes
 - High non-response rates
 - Non-trauma focused treatments nearly as effective as PE and CPT

PE = Prolonged exposure therapy; CPT = Cognitive processing therapy; DoD = Department of defense. 1. Steenkamp MM, Litz BT, Hoge CW, Marmar CR *JAMA*. 2015;314(5):489-500.

First-Line Psychotherapies for Military Related PTSD

- Review of RCTs between 2015 and 2020¹
- Emphasize combat exposure rather than sexual trauma
- Active comparison groups
- Active duty personnel
- 3 RCTs from strong star consortium
 - 746 Active duty personnel
 - Group CPT vs. Group PCT (present centered therapy)
 - PCT focus on symptom management and problem solving
 - Group CPT vs. individual CPT
 - Massed PE vs. spaced vs individual PE vs. spaced PCT
- 2 DoD RCTs
 - PE + Placebo vs. sertraline vs. PE + sertraline
 - PE vs Transcendental meditation (TM)

1. Steenkamp M, Litz BT, Hoge CW, Marmar C. JAMA. 2020;323(7):656-657.

First Line Psychotherapies for Military Related PTSD

Multiple Scierosi

- Results across 5 RCTs between 2015 and 2020
 - PE = CPT = PCT = Sertraline = TM on primary endpoint
 - PE and CPT NOT superior to present centered therapy
 - PE + Placebo= Sertraline= PE + Sertraline
 - TM non-inferior to PE
 - Less dropouts in present centered therapy
 - Massed PE less dropouts than spaced PE
 - Across trials active treatments had moderate to large effect sizes
 - Outcomes heterogeneous
 - High non-response rates
 - 31% recovered/improved across 3 STRONG STAR RCTs
 - Patients got better but rarely got well
 - 60% met criteria for full PTSD at outcome

Steenkamp MM, Litz BT, Hoge CW, Marmar CR JAMA. 2015;314(5):489-500.

Multiple Scieros

Conclusions:

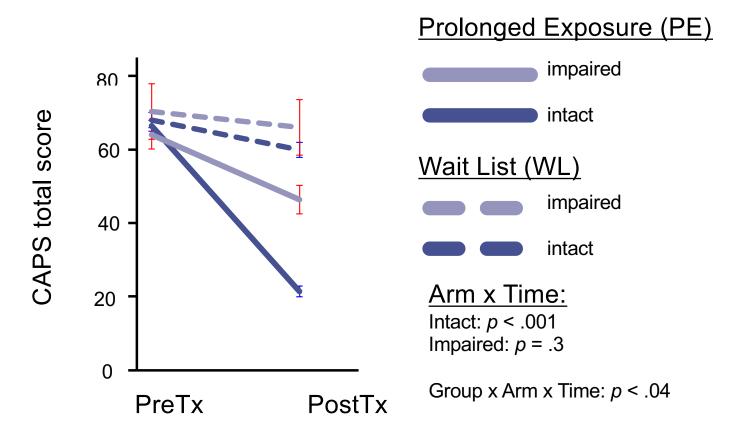
- Treatment resistant population in VA settings
- High non-response, under-response and dropout rates
- Negative RCT for sertraline¹
- Negative RCT for prazosin²

First Line Psychotherapies for Military Related PTSD

Conclusions:

- Complex PTSD in primarily male active duty/veterans
- Manualized PE and CPT not effective for one third to one half of veterans and active duty
- Need for precision medicine trials
- Need for studies of TMS, ketamine, neurofeedback and CBD
- Etkin and colleagues-PE not effective for those with abnormal VAN connectivity

CVC Biomarker Prediction of Outcome



Etkin A, et al. Sci Transl Med. 2019;11(486). Pii.eaal3236. doi: 10.1126/scitranslmed.aal3236.

Questions Answers

Don't forget to fill out your evaluations to collect your credit.

