



COMBHAT

COMPREHENSIVE BRAIN HEALTH AND TRAUMA PROGRAM



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A RED SOX FOUNDATION AND
MASSACHUSETTS GENERAL HOSPITAL PROGRAM



RED SOX
FOUNDATION



Massachusetts General Hospital

DISCLOSURE

Neither I nor my spouse/partner has a relevant financial relationship with a commercial interest to disclose.



RED SOX FOUNDATION

MASSACHUSETTS GENERAL HOSPITAL

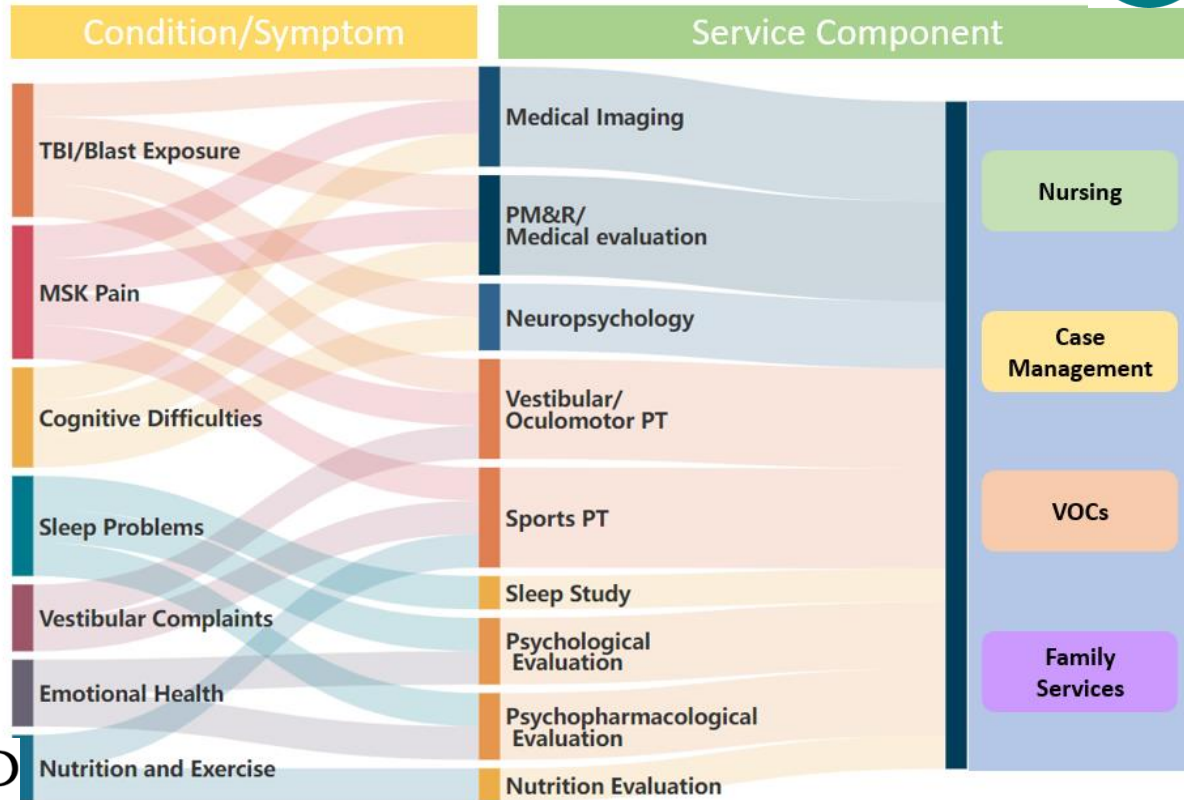
VETERAN AND FAMILY CARE

COMBHAT

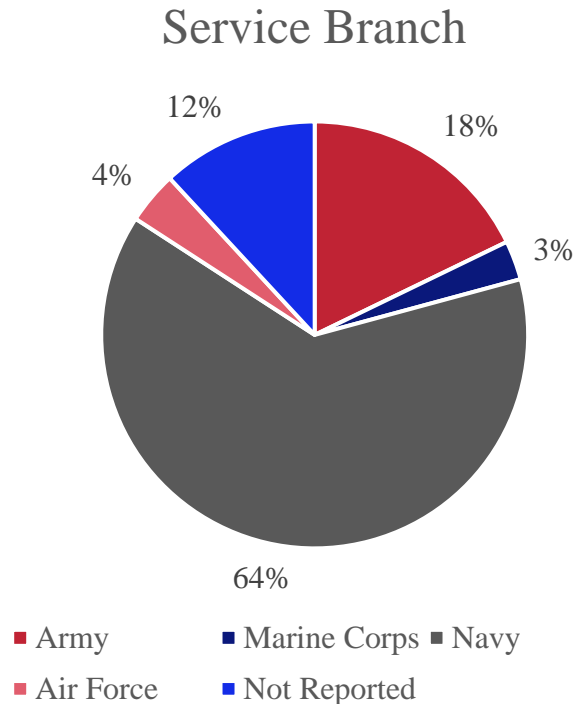
**20+ hours of Comprehensive, multidisciplinary evaluations
over 4-5 days**

Active duty and veteran Special Operations Forces members and embedded support members with cognitive, physical, and emotional health concerns and exposure to repetitive head trauma or other physical injury

Assessments customized based on patient presenting concerns (phone screen), medical/psychiatric review, and prior evaluation/treatment



647 PATIENTS SEEN SINCE 2019



- Average age 43 (range 22-80)
- 68% Active Duty
- 98% male
- 89% Caucasian

5 YEAR SNAPSHOT

Sleep Apnea	%	% of patients with OSA diagnosis
History of OSA	35%	56%
New OSA diagnosis during ComBHAT	27%	44%
Total OSA in sample	61%	
CPAP compliant		63%

Cardiovascular and cerebrovascular risk factors	%
BMI>25	88%
Pre hypertensive	56%
Elevated total cholesterol	45%
Hypertensive	28%
High LDL	26%
Elevated fasting triglycerides	19%
Low free testosterone	19%
Prediabetic	14%
Low HDL	14%
Low testosterone	4%
Diabetic	2%
Low cortisol	1%
Low IGF	0.3%

VESTIBULAR-OCULAR CONCERNS

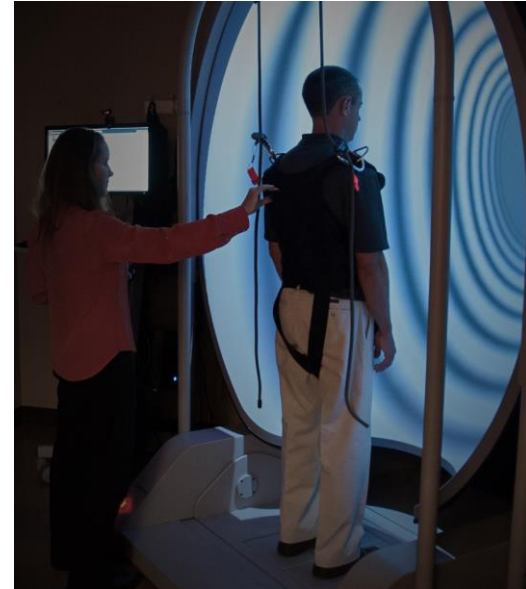
	%
Cervicogenic related pain or headaches	51%
Vestibulo-ocular impairments	45%
Ocular dysfunction	36%
Poor sensory integration	34%
Convergence dysfunction	28%
Visual vertigo	25%
Accommodative dysfunction	24%

PSYCHIATRIC DIAGNOSES

Posttraumatic Stress Disorder	31%
Other trauma or stressor related disorder	21%
Major Depressive Disorder	17%
Adjustment disorder	9%
Generalized Anxiety Disorder	7%
Unspecified Anxiety Disorder	6%

WHERE WE ARE HEADED....

- Expanded view of exposures
- Healthspan
- Innovations in the expanded 3rd floor suite



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