



## Defense Health Agency, J-7, Continuing Education Program Office

### August 2021 CCSS S02: Scalp Application Of Near-Infrared Light-Emitting Diode To Improve Cognition In Chronic Traumatic Brain Injury, Posttraumatic Stress Disorder, Dementia, and Gulf War illness

Internet Live Course, August 26, 2021, Silver Spring, MD

#### Continuing Education (CE)/Continuing Medical Education (CME) Information

This CE/CME activity is accredited by the DHA, J-7, Continuing Education Program Office (CEPO). This activity provides continuing education physicians, nurses, physician assistants, pharmacists, pharmacy technicians, optometrists, social workers, psychologists, dentists, dental hygienists, dental technicians, registered dietitians, dietetic technicians, health information professionals, occupational therapists, occupational therapy assistant, certified counselors, kinesiotherapists, case managers, healthcare executives, audiologists and speech language pathologists. A certificate of attendance is available for other attendees.

**August 2021 CCSS S02: Scalp application of near-infrared light-emitting diode to improve cognition in chronic traumatic brain injury, posttraumatic stress disorder, dementia, and Gulf War illness (1.00 clock hour)**

**0855 - 0955 (ET)**

#### Learning Objectives:

1. Describe the basics of low-level laser or light-emitting diode (LED) therapies - red, near-infrared wavelengths, terminology, and depth of penetration.
2. Analyze results from research with scalp application of red/near-infrared LED to help treat chronic traumatic brain injury (TBI)/posttraumatic stress disorder (PTSD).
3. Outline the results from Dementia Studies, and Gulf War Illness study.
4. Describe Home-based LED TBI treatment for cognitive and neuropsychiatric symptoms post TBI.
5. Explain the therapeutic effect of LED on cognition, sleep, and PTSD symptoms in TBI.
6. Discuss the application of noninvasive neuromodulation (LED) in rehabilitation of TBI and PTSD.

#### Faculty:

Margaret Naeser, Ph.D., Lic.Ac. Presenter has no financial or non-financial relationships to disclose.

Yelena Bogdanova, Ph.D., Ph.D. Presenter has no financial or non-financial relationships to disclose.

#### Disclosures:

DHA J-7 staff, Planning Committee Members and content reviewers have no financial or non-financial interest to disclose. All faculty members have no financial or non-financial interest to disclose.

#### Interprofessional Continuing Education (IPCE)



JOINTLY ACCREDITED PROVIDER™  
INTERPROFESSIONAL CONTINUING EDUCATION

This activity was planned by and for the healthcare team, and learners can receive up to 1.00 Interprofessional Continuing Education (IPCE) credit for learning and change. In support of improving patient care, this activity has been planned and implemented by DHA, J-7, CEPO. DHA, J-7, CEPO is jointly accredited by the Accreditation Council for Continuing Medical Education (ACCME), the Accreditation Council for Pharmacy Education (ACPE), the American Nurses Credentialing Center (ANCC), the American Academy of Physician Assistants (AAPA), the Association of Regulatory Boards of Optometry's Council on Optometric Practitioner Education (ARBO/COPE), the Association of Social Work Boards (ASWB), the American Psychological Association (APA), the American Dental Association's Continuing Education Recognition Program (ADA CERP), and Commission on Dietetic Registration (CDR) to provide continuing education for the health care team.

### Physicians (ACCME)



DHA, J-7, CEPO is accredited by the Accreditation Council for Continuing Medical Education (ACCME) to provide continuing medical education for physicians. DHA, J-7, CEPO designated this internet live course for a maximum of 1.00 *AMA PRA Category 1 Credit*<sup>™</sup>. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

### Nurses (ANCC)

The Defense Health Agency, J-7, Continuing Education Program Office is accredited by the Joint Accreditation/Interprofessional Continuing Education (IPCE) to provide this Continuing Nursing Education internet live course for a maximum of 1.00 ANCC contact hour. Nurses should only claim credit commensurate with the extent of their participation in the activity.

### Pharmacists (ACPE)



#### **UAN JA4008136-0000-21-200-L04-P**

No valid paper/electronic statement of credit will be offered. DHA, J-7, CEPO is accredited by the American Council for Pharmacy Education (ACPE) to provide continuing education for Pharmacists. This knowledge based activity will provide a maximum of 1.00 contact hour of pharmacy continuing education credit. Participant CE records will be electronically communicated to CPE Monitor. There is no cost to participate in this activity.

### Pharmacy Technicians (ACPE)



#### **UAN JA4008136-0000-21-200-L04-T**

No valid paper/electronic statement of credit will be offered. DHA, J-7, CEPO is accredited by the American Council for Pharmacy Education (ACPE) to provide continuing education for Pharmacy Technicians. This knowledge based activity will provide a maximum of 1.00 contact hour of pharmacy continuing education credit. Participant CE records will be electronically communicated to CPE Monitor. There is no cost to participate in this activity.

### Physician Assistants (AAPA)



DHA, J-7, CEPO has been authorized by the American Academy of PAs (AAPA) to award AAPA Category 1 CME credit for activities planned in accordance with AAPA CME Criteria. This activity is designated for 1.00 hour of AAPA Category 1 CME credits. Physician assistants should only claim credit commensurate with the extent of their participation.

### Optometrists (ARBO/COPE)

This activity has been approved by ARBO/COPE. The Defense Health Agency, J-7, Continuing Education Program Office designated this activity for a maximum of 1.00 credit hour. Optometrists should only claim credit commensurate with the extent of their participation in the activity.

**COPE Course ID #: 74037-PB**

**COPE Activity/Event #: 122342**

### Social Workers (ASWB)



As a Jointly Accredited Organization, DHA, J-7, CEPO is approved to offer social work continuing education by the Association of Social Work Boards (ASWB) Approved Continuing Education (ACE) program. Organizations, not individual courses, are approved under this program. State and provincial regulatory boards have the final authority to determine whether an individual course may be accepted for continuing education credit. DHA, J-7, CEPO maintains responsibility for this course. Social workers completing this course receive a maximum of 1.00 ASWB continuing education credit.

## Psychologists (APA)



Continuing Education (CE) credits for psychologists are provided through the co-sponsorship of the American Psychological Association (APA) Office of Continuing Education in Psychology (CEP). The DHA, J7, CEPO maintains responsibility for the content of the programs. DHA, J-7, CEPO designated this activity for a maximum of 1.00 CE credit. The instructional level of this activity is intermediate. There is no cost to participate.

## Dentists/Allied Dental Staff (ADA CERP)



DHA, J-7, CEPO is an ADA CERP Recognized Provider. ADA CERP is a service of the American Dental Association to assist dental professionals in identifying quality providers of continuing dental education (CDE). ADA CERP does not approve or endorse individual courses or instructors, nor does it imply acceptance of credit hours by boards of dentistry. DHA, J-7, CEPO designates this activity for 1.00 continuing education credit.

## Registered Dietitians/Dietetic Technicians, Registered (CDR)



Completion of this RD/DTR profession-specific or IPCE activity awards CPEUs (One IPCE credit = One CPEU).  
If the activity is dietetics-related but not targeted to RDs or DTRs, CPEUs may be claimed which are commensurate with participation in contact hours (One 60 minute hour = 1 CPEU).  
RD's and DTRs are to select activity type 102 in their Activity Log. Performance Indicator selection is at the learner's discretion.

The Defense Health Agency, J-7, Continuing Education Program Office is a Continuing Professional Education (CPE) Accredited provider with the Commission on Dietetic Registration (CDR). CDR Credentialed Practitioners will receive 1.00 Continuing Professional Education unit (CPEU) for completion of this activity/material.

## ACCME Non-Physician CME Credit

DHA, J-7, CEPO is accredited by the Accreditation Council for Continuing Medical Education (ACCME) to provide continuing education. ACCME Non-Physician CME Credit providers will be provided a certificate of participation for educational activities certified for *AMA PRA Category 1 Credit*<sup>™</sup>. ACCME Non-Physician CME Credit providers may receive a maximum of 1.00 hour for completing this internet live course.

## American Speech Language Hearing Association (ASHA) Course # is ABIT2122



Defense Health Agency, J-7,  
Continuing Education Program  
Office

Professional, Intermediate Level  
0.1 ASHA CEU

Defense Health Agency, J-7, Continuing Education Program Office is approved by the Continuing Education board of the American Speech-Language-Hearing Association (ASHA) to provide continuing education activities in speech-language pathology, and audiology. ASHA CE Provider approval and use of the Brand Block does not imply endorsement of course content, specific products or clinical procedures.

## Occupational Therapists/Occupational Therapy Assistants (AOTA)



The Defense Health Agency, J-7, Continuing Education Program Office is an AOTA Approved Provider of professional development. Course approval ID# **02938**. This distance learning-interactive is offered at 0.1 CEU, intermediate level, OT service delivery. AOTA does not endorse specific course content, products, or clinical procedures.

### Case Managers (CCMC)



This program has been pre-approved by The Commission for Case Manager Certification to provide continuing education credit to CCM® board certified case managers. The course is approved for up to 1.0 CE contact hour.

**Activity Code: I00047395 Approval Number: 210002765**

### Healthcare Executives (ACHE)

DHA, J-7, CEPO is authorized to award a maximum of 1.0 hour of pre-approved ACHE Qualified Education Hours toward initial certification or recertification of the Fellow of the American College of Healthcare Executives (FACHE) designation. Participants in this program who wish to have the continuing education hours applied toward ACHE Qualified Education credit must self-report their participation. To self-report, participants must log into their MyACHE account and select ACHE Qualified Education Credit.

### Kinesiotherapists (COPSKT)

Provider# is 08262021



This continuing education activity has been accredited by The Council on Professional Standards for Kinesiotherapy (COPSKT) to include 1.00 contact hour/0.1 CEU. DHA, J-7, CEPO accredits enterprise-wide continuing education activities for military and civilian health care professionals. These courses are critical to DHA's goal of providing the best possible quality care to active duty service members, veterans, and their families.

### National Board of Certified Counselors (NBCC)



NBCC ACEP No. 6955

DHA, J-7, CEPO has been approved by NBCC as an Approved Continuing Education Provider, **ACEP No. 6955**. Programs that do not qualify for NBCC credit are clearly identified. DHA, J-7, CEPO is solely responsible for all aspects of the programs.

### Other Professionals

All other health care professionals completing this CE/CME activity will be issued a Certificate of Attendance indicating participation and the number of hours of CE/CME credit. This may be used for submission to licensing boards for satisfaction of CE/CME requirements.

### Commercial Support:

No commercial support was provided for this activity.

### Participation Costs:

There is no cost to participate in this activity.

### CE/CME Inquiries:

For all CE/CME related inquiries, please contact: [dha.ncr.j7.mbx.continuing-education-office@mail.mil](mailto:dha.ncr.j7.mbx.continuing-education-office@mail.mil).

### How to Obtain CE/CME Credit:

To receive CE/CME credit, you must complete the program posttest(s) and evaluation(s) before collecting your certificate(s). The posttests and evaluations will be available through 09 September 2021 at 2359 ET at the following URL:

[www.dhaj7-cepo.com](http://www.dhaj7-cepo.com)