Department of Veterans Affairs, Employee Education System
and
VHA Northwest Mental Illness Research Education and Clinical Center
(NWMIRECC)

Present

MIRECC Presents: Evidence for Glymphatic Dysfunction in Alzheimer’s Disease: Sleep, Waste, and Neurodegeneration at the Crossroads of the CNS

VA TMS 41059 / 20.BC.MA.V20MIRECC10208.J

Program: Start March 18, 2020  Program: End March 18, 2020

Place
At your computer using Adobe:  http://va-eerc-ees.adobeconnect.com/mireccfy20/
For Audio call VANTS:  1-800-767-1750, access code: 58887#

Purpose Statement
Northwest MIRECC applies modern genetic, neurologic and clinical trial methodology to the discovery and development of new and more effective treatments for major and often treatment resistant mental disorders afflicting Veterans and the active duty combat personnel who will become Veterans. These monthly virtual conferences are designed to translate current scientific and clinical research into thoughtful and accessible information that can be used by clinicians to enhance their care of Veterans. In this way, MIRECC Presents empowers mental health providers and healthcare teams to integrate cutting-edge treatments and timely research into their daily clinical practices, thereby raising the quality of care for Veterans who experience mental health challenges. Alzheimer’s Disease continues to be an important contributor to morbidity and mortality among Veterans. The glymphatic system, a brain-wide network that facilitates the clearance of waste products, has been demonstrated to fail in the aging brain and in the young brain after traumatic brain injury. Impairment of glymphatic function may link brain trauma early in life with the development of dementia in later years. This clinically relevant presentation will explore the implications of impairment of glymphatic function for vulnerability to Alzheimer’s Disease.

Target Audience
The target audience includes but is not limited to Physicians, Nurses, Psychologists, Social Workers, Healthcare Teams and other professionals supporting Veteran care.

Outcome/Objectives
At the conclusion of this educational program, learners will be able to:

1. summarize recent advances in brain CSF and interstitial fluid dynamics;
2. describe how impairment of sleep-active glymphatic function may contribute to vulnerability to neurodegenerative diseases, including Alzheimer’s Disease; and

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3. Discuss the emerging association between sleep, aging, and neurodegeneration.

Registration/Participation in the Activity Procedure

1. Length of course: 1 hour
2. Review EES Program Brochure
3. Attend and participate in 100% of program activity

Instructions for Completing Registration in TMS

Registration: It is essential that you use the course link and follow the instructions below to register for Evidence for Glymphatic Dysfunction in Alzheimer’s Disease: Sleep, Waste, and neurodegeneration at the Crossroads of the CNS in TMS by 3/17/2020.

MIRECC Presents: Evidence for Glymphatic Dysfunction in Alzheimer's Disease

Instructions for Registration:

1. If you have not registered for the course:
   a. Control-Click on the Item Link above.
   b. Log in to TMS.
   c. On the right side of the page there are three buttons: “Assign to Me”, “Start Course” and “Register Now”.
2. Select the “Register Now” button.
3. After you select “Register Now”, all your offering choices will appear. Select the time/date that works with your schedule.
   (NOTE: If you select “Add to Learning Plan” option, this will add the training to your My Learning pod, but it does not register you for the training. You will then need to Register Now and register.)
4. After clicking on the “Register Now” button, the date, time and location for the scheduled offering will appear.
5. Select this program by clicking on the “Register Now” button to the right of the offering.
6. On the next page, add the accreditation you would like to receive from the dropdown – “Accredited Requested.” Then click on the “Confirm” button on the upper right side of the page. This will register you and add the training to your My Learning/No Due Date and you will receive an enrollment email confirmation from TMS.

Instructions for Verification of Attendance

1. Log in to TMS
2. If you have not registered for the course, you will need to do so
3. When the program is over, find the course in your My Learning pod
4. Click on Start Course or Continue Course button to the right of the course title
5. Look for the link titled “Confirm Attendance”
6. Before clicking on this link, be sure you have completed all links before “Confirm Attendance”
7. Click on Confirm Attendance

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8. A new window will open and say ‘Thank you! Your attendance is now confirmed. Please close window”
9. Click “Close Window”
10. You have now verified your registration for this course, and should see a green check mark and completion date next to the “Confirm Attendance”

Instructions for Completing Evaluation in TMS to Access Accredited Certificate
Please note: Program evaluations must be completed within 30 days of the conclusion of the program in order to receive a program certificate

After the program is over, you must complete the self-certification in TMS. If you did not register for the program, the TMS administrator will reconcile the registration list and mark you complete. You must still complete the evaluation before you can receive your certificate.

1. Log in to TMS
2. Locate the course on your My Learning
3. For Enduring Material: Click on Continue Course
4. For Enduring Material: Be sure you have completed all the objects
5. For Enduring Material: Click on the Self-Certification and self-certify, if appropriate
6. Locate the pending evaluation on your My Learning in the Due Later section, under course title.
7. Click on “Start Course Survey”.
8. Complete evaluation content and click “Submit”.
9. Click “Return to Online Content Structure.”
10. Follow the below instructions to access your accreditation certificate.

ACPE considers credit as a statement of credit instead of a certificate of credit

To access your accredited certificate in TMS, please follow the steps below:
1. From the Home screen in TMS, click on “My History.”
2. Hover the mouse over the title of the program, and click “View Details” in the popup window that appears. DO NOT click on the “Print Certificate” here – this will give you the generic TMS certificate.
3. In the Completed Work Details screen, you should see a section named “Accreditation Details.”
4. Click the “Print Accredited Certificate” button next to your requested Accreditation.

Your Accredited certificate should appear on the screen for you to save or print.

Accreditation/Approval
The accreditation organizations for this course are listed below.

Joint Accreditation for Interprofessional Continuing Education (JA IPCE)
In support of improving patient care, VHA Employee Education System is jointly accredited by the Accreditation Council for Continuing Medical Education (ACCME), the Accreditation Council for Pharmacy Education

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(ACPE), and the American Nurses Credentialing Center (ANCC), to provide continuing education for the healthcare team.

**Accreditation Council for Continuing Medical Education (ACCME)**

The VA Employee Education System is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.

**American Nurses Credentialing Center (ANCC)**

VHA Employee Education System is accredited as a provider of continuing nursing education by the American Nurses Credentialing Center's Commission on Accreditation.

*Note:* ANCC continuing nursing education contact hours are not accepted by the California Board of Registered Nursing (CA BRN) toward license renewal for CA-licensed registered nurses (RNs) and advanced practice nurses (APNs), unless the CA-licensed nurse-participants are physically outside of the state of CA when they start and complete activities sponsored by an ANCC accredited provider of continuing education for nurses.

**Designation of Continuing Education**

**Joint Accreditation for Interprofessional Continuing Education (JA IPCE)**

This activity was planned by and for the healthcare team, and learners will receive 1 credit hour Interprofessional Continuing Education (IPCE) credits for learning and change. (JA IPCE might not be recognized by all state boards. Please also print your accredited certificate for your professional practice for relicensure purpose.)

**Accreditation Council for Continuing Medical Education (ACCME)**

The Employee Education System designates this live activity for a maximum of 1.0 AMA PRA Category 1 Credit(s) ™. Physicians should claim only credit commensurate with the extent of their participation in the activity.

**ACCME non-physician certificate option (ACCME-NP)**

This course provides Category 1 AMA Physicians Recognition Award™ CME credit (ACCME) for physicians. ACCME – NP (or ACCME-Non-Physician) may be used to provide attendees other than MDs, DOs a certificate that documents their attendance, and indicates that the accredited provider offered Category 1 AMA Physicians Recognition Award™ CME credit for the course or activity. ACCME – Non-Physician refers to healthcare professionals other than physicians.
American Nurses Credentialing Center (ANCC)

VHA Employee Education System designates this educational activity for 1.0 contact hour in continuing nursing education.

Note: ANCC continuing nursing education contact hours are not accepted by the California Board of Registered Nursing (CA BRN) toward license renewal for CA-licensed registered nurses (RNs) and advanced practice nurses (APNs), unless the CA-licensed nurse-participants are physically outside of the state of CA when they start and complete activities sponsored by an ANCC accredited provider of continuing education for nurses.

American Psychological Association (APA)

The Veterans Health Administration, Employee Education System is approved by the American Psychological Association to sponsor continuing education for psychologists. The Veterans Health Administration, Employee Education System maintains responsibility for this program and its content.

This activity is approved for 1.0 hour(s) of continuing education credit.

Association of Social Work Boards (ASWB)

As a Jointly Accredited Organization, VHA Employee Education System 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. VHA Employee Education System maintains responsibility for this course. Social workers completing this course receive 1.0 Clinical continuing education clock hours.

New York State Education Department (NYSED) Social Work Board

The Department of Veterans Affairs, Employee Education System SW CPE is recognized by the New York State Education Department's State Board for Social Work as an approved provider of continuing education for licensed social workers #0065.

Social workers will receive 1.0 continuing education clock hours for participating in this course.

Statement of Participation

A certificate of completion will be awarded to participants and accreditation records will be on file at the Employee Education System. In order to receive a certificate of completion from EES, you must register in the TMS, attend 100% of the program and complete the evaluation as directed, and then: go into your Completed Work, hover over the title, and choose View Details to print your accredited certificate.
Report of Training
It is the program participant’s responsibility to ensure that this training is documented in the appropriate location according to his/her locally prescribed process.

Program Schedule
Program Schedule Date: 03/18/2020

<table>
<thead>
<tr>
<th>Time (PT)</th>
<th>Topic/Title</th>
<th>Faculty</th>
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| 12:00 - 12:50 pm| • interstitial fluid dynamics  
                    • sleep-active glymphatic function  
                    • emerging association between sleep, aging and neurodegeneration | Jeffrey Lliff     |
| 12:50 - 1:00 pm | Questions and Answers                                                       | Jeffrey Lliff     |
| 1:00 pm         | Adjourn                                                                      |                  |

Faculty and Planning Committee Listing
* Denotes planning committee member  
+ Denotes faculty

*James Boehnlein, MD  
Associate Director for Education  
VA Northwest Network MIRECC, VISN 20  
Portland, OR  
Planning Member for ACCME

*Eric Esplin, MA  
Education Project Manager  
Employee Education Resource Center  
Salt Lake City, UT

+Jeffrey Lliff, PhD  
Associate Director for Research NW MIRECC  
Puget Sound VA Healthcare System  
Seattle, WA

*Benjamin Morasco, PhD  
Staff Psychologist  
Portland VA Medical Center  
Portland, OR  
Planning Member for APA

*Matthew Schobert, Jr., M.Div., LCSW  
Social Work Executive  
VA Portland Health Care System  
Portland, OR  
Planning Member for ASWB  
Planning Member for NYSED

*Robert Tell, MSW, LCSW, DCSW  
Suicide Prevention Coordinator  
Portland VA Medical Center  
Portland, OR

*Ruth Ann Tsukuda, BS, EdD, MPH, RN  
Associate Director for Education  
VA Northwest Network MIRECC, VISN 20  
Portland, OR  
Planning Member for ANCC

*Jovo Vijanderan, MD  
Residents in Psychiatry  
Oregon Health and Science University  
Portland, OR

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EES Program Staff
Eric Esplin, MA
Education Project Manager
Eric.esplin@va.gov
801-924-6812
Salt Lake City, UT

Jerry Newmy
Media Education Technician
jerry.newmy@va.gov
254-285-1984
St. Louis, MO

Deadline Date
Please register two weeks in advance of the activity. For tardy registration requests, please contact the EES Program Staff listed above.

This program will no longer be authorized for continuing education credit after the expiration date of the activity.

Cancellation Policy
Those individuals who have been accepted to attend and need to cancel: log into TMS, hover over the registered title and withdraw themselves at least two weeks prior to the program.

Accessibility Statement: (Reasonable Accommodation)
The U.S. Department of Veterans Affairs (Employee Education System) is committed to providing equal access to this meeting (or event) for all participants. If you need alternative formats or services because of a disability, please contact your EES Program Staff two weeks in advance of the activity.

Disclosure Statement
The VA Employee Education System (EES) must ensure balance, independence, objectivity, and scientific rigor in all of its individually sponsored or jointly EES sponsored educational activities. All prospective faculty and planning committee members participating in an EES activity must disclose any relevant financial interest or other relationship with: (a) the manufacturer(s) of any commercial product(s) and / or provider(s) of commercial services discussed in an educational presentation, and (b) any commercial supporters of the activity. Relevant financial interest or other relationship includes, but is not limited to, such things as personal receipt of grants or research support, employee or consultant status, stockholder, member of speakers’ bureau, within the prior 12 months. EES is responsible for collecting such information from prospective planners and faculty, evaluating the disclosed information to determine if a conflict of interest is present and, if a conflict of interest is present, to resolve such conflict. Information regarding such disclosures and the resolution of the conflicts for planners and faculty shall be provided to activity participants. When an unlabeled use of a commercial product or an investigational use not yet approved by the FDA for any purpose is discussed during an educational activity, EES shall require the speaker to disclose that the product is not labeled for the use under discussion or that the product is still investigational.

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The faculty and planning committee members reported that they had no relevant financial relationships with commercial entities in any amount that occurred within the past 12 months that create a conflict of interest.

This activity includes no discussion of uses of FDA regulated drugs or medical devices which are experimental or off-label.

* The ACCME defines “relevant financial relationships” as financial relationships in any amount occurring within the past 12 months that creates a conflict of interest.