

STATE OF HAWAII  
DEPARTMENT OF HEALTH  
P.O. Box 3378  
Honolulu, HI 96801-3378

In reply, please refer to:  
File:

**NEUROTRAUMA ADVISORY BOARD (NTAB)**  
**MEETING MINUTES**  
**December 13, 2019**

Present: Rita Manriquez, Scott Sagum, Angie Enoka, Molly Trihey, Valerie Yamada, Dr. Sara Farnham

Excused: Milton Takara, Leilani Nutt, Stella Wong

Others: Dr. Violet Horvath, Pacific Disabilities Center (PDC); Dr. Allison Tsuchida, University of Hawaii College of Education (UH COE); Ross Oshiro, Queen's Medical Center (QMC); Dr. Nathan Murata, University of Hawaii College of Education (UH COE); Dr. Cheryl Chang, QMC; Dr. Matthew Koenig, QMC; Sergio Florian, Wellness Neuro and SCI

DOH Staff: Chelsea Ko, Neurotrauma Supports; Christel Magallanes, Neurotrauma Supports

- I. **Call to Order** – Meeting was called to order at 1:43 pm by Chair Scott Sagum. Quorum present.

II. **Approval of Minutes from the October 25, 2019 meeting –**

Board Member Molly Trihey motioned to accept the minutes as written.

Board Member Dr. Sara Farnham seconded the motion. All Board Members present voted in favor of minutes being accepted as written. No questions or discussions.

III. **Review of Agenda – No questions or discussions.**

IV. **New Business:**

A. UnMasking Brain Injury Project March 2020:

March is Brain Injury Awareness (BIA) month. Per DOH Staff Christel Magallanes, Neurotrauma Supports will resume with the UnMasking project as done in the previous year. The project enables traumatic brain injury (TBI) survivors to create masks that reflect personal experiences living with TBI. Masks will be displayed for public viewing at various locations (TBD). In addition, Neurotrauma Supports plans to conduct project presentations on the neighbor islands. Board Member Molly Trihey suggested flyers to be distributed prior to the event.

Interested parties may contact Neurotrauma Supports for more information at 808-733-2155 or [ntrauma@doh.hawaii.gov](mailto:ntrauma@doh.hawaii.gov).

B. Meeting dates for 2020:

February 28, April 24, June 26, August 28, October 23, and December 18. Board meetings will be held at Kinau Hale, 1<sup>st</sup> Floor Boardroom and via Zoom until further notice.

C. Transfer Training:

Board Members voted today to approve a proposal to begin caregiver education courses on proper transfer techniques. Courses will be taught by Sergio Florian, DPT, and will be held at his clinic, the Wellness Neuro and SCI at Saint Francis Liliha. There will be two classes a month with 4-6 participants per class. According to Board Member Molly Trihey, they also plan to “go mobile” by the third month. Mobile classes will be conducted on a quarterly basis and will travel to nursing facilities, home care agencies, hospitals, and adult day care centers to train 8-12 nurses per class. Classes will be advertised and a website link will be established to inform potential attendees.

Dr. Horvath suggested to issue certificates of completion to participants that completes the course. DOH Staff Chelsea Ko asked whether data from participating agencies can be obtained to analyze pre and post ratings on program effectiveness.

One-year budget for the Transfer Training program is \$19,025. Board Member Dr. Sara Farnham motioned to approve budget. Board Member Rita Manriquez second the motion. All Board Members present voted in favor to approve budget.

Please see Transfer Training handout for full report.

V. **Old Business:**

A. Project Head, Neck, Spine (PHNS) Update:

A Kauai school was recently added as a participant in the PHNS curriculum. Per Dr. Allison Tsuchida of UH-COE, the program is now implemented on Oahu, Maui, and Kauai, increasing project participation to eight schools and nine instructors. Information about the program was also distributed at the Schools of the Future conference and as a result, the curriculum was sent out to 18 middle and high school instructors interested in utilizing the program. UH-COE is still in the process of finalizing the story narrative for elementary-level students.

Please see PHNS handout for full report.

B. Pacific Disabilities Center (PDC)/Hawaii Neurotrauma Registry (HNTR) Update:

As reported by Dr. Violet Horvath, PDC's involvement with the HNTR program will end in June 2020. Efforts will be made to seek other resources such as private funding. In other announcements, the caregiver's resource group will be meeting starting February at the Rehab. of the Pacific on a monthly basis. Saint Francis Hospital has also shown interest in having HNTR presentations at their location on a monthly basis. Dr. Horvath will be advised once Saint Francis confirms. HNTR presentations are continuing throughout the neighbor islands, primarily in the months of February and March. This also includes an invitation to the annual Health Fair held at Waimea High School on Kauai.

Please see HNTR handout for full report.

C. RAPID Hawaii Update:

On October 1, 2019, the State of Hawaii awarded contract to RAPID Hawaii to pursue its statewide collaboration on acute stroke care. According to Dr. Cheryl Chang of QMC, six hospitals are in the line-up to receive the RAPID software: Kauai Veteran's Memorial, Kona, Hilo, Castle, Kuakini, and Wahiawa Hospital. The RAPID software will be used statewide to evaluate patients for eligibility to receive mechanical thrombectomy stroke treatment. Subscription agreements for the software were sent to the hospitals and are pending. The next step is to educate the hospitals and identify staff/physicians that will be working with the software. Dr. Chang hopes the hospital teams will go live by February or March 2020. She also met with the State Stroke Task Force yesterday. The task force requires representation from all hospitals that care for stroke patients, and therefore are aware of RAPID Hawaii's endeavors.

Please see RAPID Hawaii handout for full report.

D. Storytelling Event Update:

The Storytelling event was held on November 17, 2019 at the Oahu Veteran's Center. Board Members who attended the event provided positive feedback but also mentioned time management as an area to work on. Board Member Dr. Farnham suggested to have the event on an annual basis.

E. Brain Injury Association (BIA) of Hawaii Update:

No new update.

F. Legislative Update:

No new update.

G. Neighbor Island Activities:

No new update

H. DOH Updates:

Neurotrauma Supports plan to hold a stakeholder/joint board advisory meeting in late January or early February to update Neurotrauma's strategic plan.

VI. **Announcements:**

Dr. Nathan Murata of UH-COE announced that flyers for the upcoming Concussion Summit in July 2020 will be distributed within a week's time. The summit is a one-day, all day event and will feature keynote speakers from several universities. Dr. Murata also expressed his appreciation for the support of NTAB and DOH-Neurotrauma Supports.

Hui Malama Po'o

*TBI Support Group*

2<sup>nd</sup> Saturdays, 1:00-3:00 p.m.

Rehabilitation Hospital of the Pacific, Wo Conference Room #4

VII. **Next Meeting:**

Date: February 28, 2020

Location: Kinau Hale Bldg., 1<sup>st</sup> Floor Boardroom and via Zoom:

<https://zoom.us/j/575890360>

Time: 1:30 p.m. to 4:00 p.m.

Meeting Adjourned at 3:20 p.m.

## **Transfer Training: Caregiver Education Course Proposal Summary**

Bringing back to the table, a bigger and better plan to finally begin educating aids and caregivers the proper techniques on how to safely transfer patients.

**Refresher of the program:** When a person transitions from the hospital to home after experiencing a neurotrauma injury, they often have unique physical and cognitive impairments that impede their ability to function normally. They need help with every aspect of their care and are completely dependent on their caregivers. To avoid injury, it is imperative that caregivers must know how to transfer someone with a neurotrauma injury safely. Because of these unique challenges, patients and/or their families often are forced to do things themselves the best way they know how, or hire outside help.

**Problem:** Unfortunately, we have come to find out, that not all of the aids hired from agencies are well versed on transfers.

- 1) This creates an unsafe situation for both caregiver and person with the disability.
- 2) Often time services are denied simply because of a lack of education.

Our aim is to create a course that will train caregivers who are employed by organizations as well as family members and caregivers from the community. This would help reduce the number of falls in the home, as well as reduce employee injuries and work man's compensation claims.

### **The course:**

- 1) The course will be designed and taught by Sergio Florian DPT. Sergio is the owner and operator of Wellness Neuro and SCI. He has been working with neurotrauma cases for 12 years and has run his own business for 7 years.



2) The course will be established and run from the Wellness Neuro and SCI facility at St. Francis Liliha and the goal is to provide an intimate learning environment with 4-6 attendees per class 2 x a month at the clinic.

3) The plan is to “go mobile” by the 3<sup>rd</sup> month (quarterly mobile class). We will be able to go to skilled nursing facilities, home care agencies, hospitals, adult day care centers, and the like to certify the staff. We will train about 8-12 nurses per class using 2 instructors. Mobile classes will come with two instructors which will allow for twice as many participants. (Basically, we are doubling the normal class size of 1 instructor/4-6 participants.)

4) The course will consist of a lecture, power point presentation, hands-on practice, and testing. Each person will have to pass a written and a practical test to be “lift safe” certified. The facility will have all the props needed for learning the transfers and testing.

5) Classes will be advertised to the community and to health care agencies. A website link will also be established to inform potential attendees.

6) Following the first year we hope to establish ourselves as the “go to” transfer training center for caregivers in the state. Once the course is established we are looking to grow and take this concept to the outer islands and also hope offer continuing education credits for health care practitioners.

7) After the completion of the first year, we will provide a final report that will come with statistics and outcomes.

# Transfer Training: Caregiver Education Course

## General Budget

Staff time for class development. Time includes 6hrs for PT and 2hrs for PTA.	\$880
Staff Time to hold class (1 PT and 1PTA). One mobile class quarterly (4mobile class total) and two classes/month at clinic on non-quarterly months (16 clinic classes).	\$9,600
Mobile Class Cost: Transportation/Setup/Breakdown (\$230/class x 4)	\$920
Facility Lease Cost Share and Storage Cost	\$1,800
Equipment: Instructional pamphlets, Mannequin, Wheelchair, Slideboard, Projector and Screen	\$2,900
Marketing, Advertising, Website, Legal waiver creation	\$2,925
<b>Total Expense for 1 year:</b>	<b>\$19,025</b>

**RAPID Hawaii: A Statewide Collaboration on Acute Stroke Care**  
**Update: December 13, 2019**

- I. Implementation
  - a. State
    - i. Obtained Contract from State- October 1, 2019
    - ii. Obtained signed Purchase Order for software from the State- October 1, 2019
  - b. ISchemaView (vendor) – Contacts: Brooke Peterson (Peterson@ischemaview.com) and Lauren Siddall (siddall@ischemiaview.com)
    - i. Obtained for QMC (contractor)
      - 1. Updated sales quote for the RAPID software
      - 2. Business Associate Agreement (BAA)
      - 3. Subscription Agreement
    - ii. **Awaiting:** iContract process at QMC to review and sign off on: 1) updated sales quote, 2) BAA, 3) Queen’s Subscription Agreement
    - iii. Obtained Local Subscription Agreements from vendor for each center
    - iv. Next: after BAA completed, vendor will contact local hospitals for installation of software
  - c. Local hospitals
    - i. Identified contacts at Hilo, Kona, Wahiawa, Castle, Kauai Veterans, Wahiawa
    - ii. **Next:** educate contacts and execute Subscription Agreements & identify staff/physicians to educate

Project Head, Neck, Spine Update  
NTAB Meeting on 12/13/19

**Six schools utilizing curriculum:**

- Five high school and three middle schools
- Four on Oahu
  - 3 Honolulu (Middle N = 248; High N = 129)
  - 1 West Oahu – 2 teachers (High = 131)
- Three on Maui (Middle N = 114; High N=110)
  - 15 students from Maui high schools are new this year and have only taken pre-test so excluded from count.
- One on Kauai (High N = 12)

**Data:**

- 9 instructors (\*\*two instructors used/using it for the second time)
- Total students N = 744
  - Average summary score of 82.3%
  - 531 completed module 4 (half-way) - Average summary score: 84.5%
  - 390 complete - Average summary score: 87.0%
- Pre- and Post-test data
  - Pre-test average of 59.2%
  - Post-test average of 76.89%
- Module average scores
  - All above 80%, except for Module 2 (74%) which is a bit more technical (i.e. parts of brain)

**Miscellaneous:**

- Schools of the Future Conference Exhibitor – 18 new sign-ups
- Story book narrative for lower elementary almost complete

## Hawaii Neurotrauma Registry Project

### Activities Report

This report includes only August – November 2019. March – September 2019 are not shown.

	<b>Registry New Enrollees (total)</b>	Oahu	Hawaii	Maui County	Kauai	<b>Outreach Activities</b>	General	Educational Presentations	
Aug-19	58	17	0	26	10	18	6	1	Aug-19
Sept-19	37	7	20	7	1	21	5	0	Sept-19
Oct-19	38	6	12	11	9	11	4	1	Oct-19
Nov-19	31	7	14	6	0	10	3	1	Nov-19
<b>TOTAL</b>	<b>200</b>	62	48	56	20	<b>99</b>	37	14	<b>TOTAL</b>
<b>Annual Target</b>	<b>300</b>	200	50	25	25	<b>240</b>	168	72	<b>Annual Target</b>
<b># needed to meet target</b>	<b>100</b>	<b>138</b>	<b>2</b>	<b>-31</b>	<b>5</b>	<b>141</b>	<b>131</b>	<b>58</b>	<b># needed to meet target</b>

NOTE: A few people who took the survey are from out of state and their locations are not included in the table.

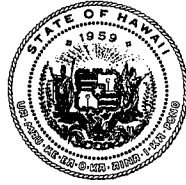
## Hawaii Neurotrauma Registry Project

### Information and Referral Report

March 20, 2019 – April 19, 2020

This report shows only August – November 2019. March – July 2019 are not shown.

	Initial Contacts					Outcomes			6 month follow-ups		12 month follow-ups	
	# of I&R rec'd	Contact in 14 days	Contact after 14 days	No contact made	In Process	Took survey	Req'd res	Dec. assist	Number of 6 month follow-ups	Number contacted	Number of 12 month follow-ups	Number contacted
Aug-19	29	19	0	0	0	14	1	1	8	7	31	6
Sept-19	19	19	0	0	0	12	7	2	2	1	28	3
Oct-19	19	4	0	15	0	5	3	1	17	8	69	24
Nov-19	22	9	1	12	0	7	6	4	6	1	14	5
<b>TOTAL</b>	<b>130</b>	<b>48</b>	<b>4</b>	<b>27</b>	<b>0</b>	<b>47</b>	<b>24</b>	<b>18</b>	<b>33</b>	<b>17</b>	<b>142</b>	<b>47</b>



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NEUROTRAUMA ADVISORY BOARD (NTAB)  
MEETING AGENDA

Date: February 28, 2020

Time: 1:30 – 4:00 pm

Location: **Video Conference Center**

Honolulu: Kalanimoku Bldg., 1151 Punchbowl St., Basement

Hilo: State Office Building, 75 Aupuni St., Basement

Lihue: State Office Building, 3060 Eiwa St.

Wailuku: State Office Building, 54 South High St.

I. Call to Order

II. Approval of Minutes

A. Neurotrauma Advisory Board Minutes of December 13, 2019

III. Review of Agenda

IV. New Business

A. Brain Injury Awareness Event Month March 2020

B. Neurotrauma Strategic Plan FY 2021- 2023

## V. Old Business

- A. Project Head, Neck, Spine Update
- B. RAPID Hawaii Update
- C. Hawai'i Neurotrauma Registry Update
- D. Brain Injury Association of Hawai'i Update
- E. Legislative Update
- F. Neighbor Island Activities
- G. DOH Update

## VI. Announcements

### VII. Next **Neurotrauma Advisory Board Meeting**

Date: March 31, 2020

Time: 12:00 pm to 2:00pm

Location: Honolulu: Oahu Veteran's Center, Cruickshank Hall  
1298 Kukila St. Honolulu, HI 96818

### VIII. Upcoming 2020 Meeting Dates

June 26, August 28, October 23, and December 18

Please call Christel Magallanes, Department of Health, 733-2147 if there are any questions. Persons interested in Neurotrauma are welcome to attend. Persons requiring auxiliary aids or supplies (i.e., large print, sign language interpreter) should call Ms. Magallanes at 733-2147 or 1-711 (TRS) three days before the meeting for arrangements.