



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

AUGUST 26, 2016

- Present: Rita Manriquez, Stella Wong, Angie Enoka, Molly Trihey, Lyna Burian, Milton Takara, Valerie Yamada
- Excused: Ian Mattoch, Scott Sagum, Doris Warner
- Others: Violet Horvath, Director, Pacific Disabilities Center (PDC), Hawaii Neurotrauma Registry (HNTR); Nathan Murata, Chair-Kinesiology and Rehabilitation Science University of Hawaii-Manoa; Tina Robertson, Queen's Medical Center-Telestroke
- DOH Staff: Wendie Lino, Community Alternatives Section Supervisor; Curtis Inouye, Neurotrauma; Chelsea Ko, Neurotrauma

- I. **Call to Order** – Meeting was called to order at 1:45p.m. by Board Member Stella Wong. Quorum present.
- II. **Approval of Minutes from the April 22, 2016 meeting** – Board Member Lyna Burian made a motion to accept the minutes as written. Board Member Angie Enoka seconded that motion. All Board Members present voted in favor of minutes being accepted as written. No questions or discussions.
- III. **Review of Agenda** – Board Member Stella Wong made a motion to include the Hawaiian Islands Regional Stroke Network onto the agenda. Board Member Lyna Burian seconded the Motion. No other additions made. Ms. Wong motioned to accept the agenda with change.

All Board Members present voted in favor of accepting the agenda with change. No questions or discussions.

IV. **New Business**

A. Traumatic Brain Injury (TBI) Brochure and Neurotrauma Brochure

TBI Brochure Update:

Department of Health (DOH) Staff Chelsea Ko submitted a draft of the TBI brochure for review and recommendations by the State Traumatic Brain Injury Advisory Board (STBIAB). STBIAB suggested minimal changes to the brochure (font size, letter bolding, and content clarity), with no changes to the content. Mr. Inouye requested to have the brochure be submitted to Neurotrauma Advisory Board (NTAB) for further reconsideration before presenting the final outline to the Department of Communication for printing. Suggestions and/or comments may be emailed to Mr. Inouye or Ms. Ko.

Neurotrauma Brochure Update:

Per Mr. Inouye, the Neurotrauma brochure has not been revised since the Memorandum of Agreement (MOA) with James Peters Designs. Currently, there is no draft for review, however, DOH Staff Wendie Lino recommended a revision be made to the brochure for a more appealing format. Additional suggestions and/or comments may be emailed to Mr. Inouye or Ms. Ko.

B. University of Hawaii Kinesiology and Rehabilitation Science Draft Proposal

Project Head, Neck, Spine Update:

Dr. Nathan Murata, Professor and Chair of the Kinesiology and Rehabilitation Science Department at the University of Hawaii-Manoa supplied an update on the progress of Project Head, Neck, Spine. The project is an online educational resource aimed to educate school-age children and students on the seriousness of head (concussion), neck, and spinal cord injuries. During its trial period, Dr. Murata and his team will solely target 8th graders for the pilot testing, development, intervention, and launch. Ultimately, the program will be made available to middle schools statewide. Dr. Murata estimates the development cost would sum to \$90,000-\$98,000 for its website construction. Costs would also provide for the recruitment of a web/ instructional designer to assist in the structuring of content templates that complies with current health standards in the Department of Education. After the project's first year of operation, costs will eventually be reduced to an estimated \$30,000 per year. A 3 year budget breakdown will be emailed to all board members disclosing its financial details.

DOH Staff Curtis Inouye called for a motion in favor of proceeding with the contract. No objections or questions. Board Members are in favor of proceeding with the proposed Head, Neck, Spine contract.

V. **Old Business**

A. Hawaii Concussion Awareness and Management Program (HCAMP) Update:

As of August 1, 2016, Dr. Nathan Murata announced the termination of the HCAMP contract with the DOH after a long standing with the neurotrauma program. A final report is currently in process and will be disseminated to the appropriate parties. In a recap of the July 2016 report, there are approximately 10,000 baseline testings year-to-date. The data also showed an increased number of reported concussion cases for the 2016 academic year; 1,100 cases. Despite an elevation to the concussion figures, a significant improvement was announced regarding the collecting and compiling of data reporting over the years.

Some of the highlights mentioned by Dr. Murata included the securement of state funding which would allow the program to continue with its agenda and the July 12th signing of Act 262, the Amendment to Act 197, by Governor Ige, which would allow Dr. Murata and his team to continue with baseline testing and educational awareness to middle schools statewide.

B. Pacific Disabilities Center (PDC)

Hawaii Neurotrauma Registry (HNTR) Update:

Violet Horvath, Director of Pacific Disabilities Center (PDC), provided a summary of the Hawaii Neurotrauma Registry (HNTR). Ms. Horvath reported 187 participants in the Registry as of July 31st, including 8 people who joined in June with zero participants in July. There were no activities for the month of July due to HNTR staff's absence, however, educational presentations had since resumed. In recap, 5 months into Year 4, the total number of participants for the year is 45, which exceeds Year 1 with 41 or all of Year 3 with 44 participants. A community outreach was administered to nearly 14,700 members of the public at 93 events and over 1,200 professionals and community members at 55 presentations. In retrospect, over 20,500 pieces of neurotrauma educational materials were distributed since March 21, 2013.

As of July 31, 2016, Ms. Horvath reported 101 women and 85 men in the Registry; 168 on O'ahu, 13 on the Big Island, 5 from Maui, and 1 from Kauai. Ninety-five (95) participants listed traumatic brain injury (TBI) as their first, second, and/ or third neurotrauma injury, 28 participants listed other types of brain injury (concussion, head injury, or acquired brain injury), 59 people listed ischemic stroke, and 33 people for hemorrhagic stroke. The total for all strokes of any type is 100. There are 26 individuals with spinal cord injury, 51 individuals who has two or more neurotrauma injuries, and 8 people who listed non-neurotrauma injuries. Board Member Rita Manriquez suggested domestic violence as a possible reason for individuals listing as non-neurotrauma injuries. She proposed for a further examination into the number of participants who has brain

injury or concussion due to abusive relationships. Ms. Horvath stated that a study of this nature was done during the first year of HNTR, however, a follow up can be made. HNTR participated in several community outreach events in June and July. Ms. Horvath stated they have started to transition away from public events with table displays to solely conducting live presentations. Some of the events included a Father's Day celebration, an ESPN 1420 sports festival, a community resources fair at Queens Medical Center (QMC), and a health fair at the Hilo KTA superstore. Due to the work stoppage, several invitations such as the Wahiawa Public Library Summer Reading Program, the Annual Aging in place workshop, and the Annual Hawaii Seniors' fair were declined. The PDC and HNTR contract ended August 20, 2016. PDC is currently working on the transition of HNTR to DOH. Ms. Horvath stated they are currently awaiting a new contract which will provide an additional 5 months of funding that will go towards the completion of unfinished reports. Due to the current standstill, Ms. Horvath mentioned a postponement of 3 new projects that were suggested last December; the children's TBI storybook and coloring book, the neurotrauma videos, and critical skills for transition age youth with mild traumatic brain injury.

Hawaii Neurotrauma Registry Project Advisory Board Update:

Ms. Horvath announced the Board's first successful meeting. Board members include Dr. Matthew Koenig of Queens Medical Center, Dr. Teresa Wang, physician and survivor from the Big Island, Marie Lewis, spinal cord injury survivor, Nani Watanabe, a care provider on Maui, and attorney Gary Gallagher. A second meeting is scheduled for late October.

Media and social media campaign update:

Per Ms. Horvath, the first public service announcement (PSA) on concussion was broadcasted on TV and YouTube in May and June, with reports indicating a national audience. In addition, the stroke webinar aired during the same months on the 'Olelo channel. Ms. Horvath also noted the possibility of a complimentary segment on OC16, however, a date has not been confirmed.

The O'ahu Bus Placard campaign began on 08/01/16 and will run through 09/30/16 thanks to the Brain Injury Association (BIA) of Hawaii's donation of the September month. The purple and black placard features Jamie Higa of HCAMP and is expected to be displayed on the entire fleet of busses on O'ahu. The placards will be returned to Ms. Horvath when the campaign ends. She would like to continue the placard campaign onto the neighboring islands should funding become available within the next 5 months. The cost to conduct a neighbor island campaign will be researched at a later time.

C. Hawaiian Islands Regional Stroke Network Update:

Tina Robertson of Queens Medical Center-Telestroke provided a briefing on data collected from current active stroke sites; Molokai General Hospital, Wahiawa General Hospital, Hilo Medical Center, Queen's Medical Center (QMC) West O'ahu, Kona

Community Hospital, Maui Memorial Medical Center, North Hawaii Community Hospital, and Queen's Medical Center (QMC) Punchbowl. Kahuku Hospital is currently in the process of being added to the stroke network. In a previous meeting, a request was made by Chairperson Scotty Sagum to consider Kauai Veterans Memorial Hospital (KVMH) as a possible stroke site. Due to uncertain circumstances, KVMH may not be a potential candidate at this time.

Ms. Robertson reported a total of 390 calls and 109 tPA administered, to which 78 of whom were transferred to QMC Punchbowl while the rest remained at their hospital. Per Ms. Robertson, data reflects a substantial growth with 152 total calls, 120 completed calls and 33 tPA administrations year to date, with most incoming calls from QMC West. DOH Staff Curtis Inouye announced the renewal of contract with the DOH for another 3 years. The cost breakdown was not available, however, comparisons were made to previous years with QMC receiving \$179,000 and \$147,000 in Year 2 and Year 3. According to DOH Staff Wendie Lino, the extension of contract with DOH would allow for the upgrade of network data hardware and the renewing of subscriptions. Furthermore, progress is being made to add another hospital to the stroke network. In response to PDC Director Violet Horvath's suggestion of a cost/ benefit report, Ms. Robertson stated Dr. Matthew Koenig of QMC is currently in the process of submitting a breakdown analysis that will reflect network site activities and the impact of telestroke at these locations.

D. Neighbor Island TBI Activities:

Kauai Representative, Ms. Rita Manriquez, was recommended by a Doctor on the Mayor's Advisory Board to become a Board Member of the Disability and Communication Access Board (DCAB). The Doctor's term with DCAB will end next month. Due to conflict of schedule, Ms. Manriquez declined the invitation. However, at the request of the Mayor's Advisory Board, she will conduct educational presentations that will demonstrate the challenges of living with traumatic brain injury.

E. DOH Update

Neurotrauma Strategic Plan Update:

DOH Staff Wendie Lino provided a concise report on the progress of Neurotrauma Strategic Planning. Ms. Wendie Lino announced of a proposed timeline that indicates the projected agenda and the delegation of project duties. However, Ms. Lino stated the timeline will need to be pushed forward to accommodate incoming Legislative inquiries regarding Neurotrauma special funds. Ms. Lino intends to have the strategic planning completed when the Legislature resumes session in January 2017. In addition, a request was submitted to the Legislature last week asking to raise the ceiling on special funds.

The Legislature replied requesting further information, hence, Ms. Lino does not foresee a decision until Legislative session reopens in January of next year.

VI. Announcements

A. Brain Injury Association of Hawaii (BIA)

Lyna Burian, of BIA Hawaii, reported the support groups are very well attended.

Ongoing activities are as follows:

1) *Support Group and Educational Meetings*

- a. First Saturdays, 1:00-3:00 p.m., Rehabilitation Hospital of the Pacific, Wo Conference Room #4.
- b. 2nd and 3rd Wednesdays, 6:00-8:00 p.m., Rehabilitation Hospital of the Pacific, Wo Conference Room #4
- c. Chess and Game Club (board games) last Wednesday's of every month from 6:00-7:30 p.m., Weinberg Lanai at the Rehabilitation Hospital of the Pacific.

VII. Next Meeting:

Date: October 28, 2016

Location: Kalanimoku VCC and Neighbor Island Sites

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

Motion was made to adjourn meeting by Board Member Stella Wong and seconded by Board Member Angie Enoka. Meeting Adjourned at 3:25 p.m.