



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**  
**April 28, 2022**

Present: Rita Manriquez, Molly Trihey, Stella Wong, Dr. Eugene Lee, Scotty Sagum, Matt Wells

Absent: Valerie Yamada, Leilani Nutt, Angie Enoka

Others: Dr. Violet Horvath, Pacific Disabilities Center (PDC); Dr. Matthew Koenig, Queen's Medical Center (QMC); Danae Jones, QMC; Dr. Allison Tsuchida, UHM-College of Education (UHM-COE); Karen Klemme, Kona Brain Injury Support Group and State Traumatic Brain Injury Advisory Board Member (STBIAB); Bill Rodrigues, STBIAB; Lydia Hardie Hemmings, Hawaii Disability Rights Center (HDRC); Dorothy Aliilua, Brain Injury Association of Hawaii (BIA-HI); May Chang, BIA-HI; Ipo Kaihana, BIA-HI; Dr. Dan Galanis, DOH; Milton Takara, Community Member

DOH Staff: Chelsea Ko, Neurotrauma Program

- I. **Call to Order** – Meeting was called to order at 1:36 pm by Chair Scotty Sagum. Quorum present.

- II. **Approval of Minutes from the December 16, 2021 and February 24, 2022 meeting** – Board Member Stella Wong motioned to accept both minutes as written. Board Member Molly Trihey seconded the motion. All Board Members present voted in favor of both minutes being accepted as written. No questions or discussions.
- III. **Review of Agenda** – Agenda accepted as written. No questions or discussions.
- IV. **New Business:**
- A. Neurotrauma Data:
- Presentation by Dr. Galanis, Epidemiologist, DOH. Traumatic brain injury (TBI) and spinal cord injury (SCI) data sourced from emergency department (ED) visits and hospitalizations. Stroke data retrieved from the Hawaii stroke registry.
- In summary, an estimated 5,000 TBI cases per year. Increased numbers seen particularly for ED visits. Toddlers, teens, seniors, and neighbor island residents are at higher risk. SCI at 161 cases per year, mostly hospitalizations. Risk rate progressive across age range but slightly higher with neighbor island residents. The Hawaii stroke registry counted 3,275 cases of stroke per year, mostly ischemic. Highest risk among Oahu residents for all types.
- V. **Old Business:**
- A. RAPID Hawaii Update:
- Report by Dr. Koenig, Neurologist, QMC. In final year of grant funding. To date, RAPID is installed and active at all five hospitals-Wahiawa General, Castle Medical, Hilo, Kona, and Kauai Veterans Memorial. Kuakini hospital is approved and working on contracting and implementation timeline.

Briefed on RAPID data numbers. RAPID working well, continuing to see very low number of unsuccessful CTP scans in the last two months.

Conducted public education series on stroke at various Farmers Markets and Longs stores. Update on activities will be shared at the next board meeting.

**B. Project Head, Neck, Spine (HNS) Update:**

Report by Dr. Allison Tsuchida, UH-COE. Data showed an increase in the number of schools utilizing the curriculum. One new high school enrollment on Oahu. 19 new students started. About 100 students progressed through half-way. No new at-home school update. Evaluate data reflected all modules above 80%, except for Module 2 currently at 78%. Still seeing an increase in knowledge about 12.7% via pre/posttest. Demographics on educators' course: new teachers using course at elementary level. Numbers are more significant with secondary teachers. Total of 14 new teachers. Total of 26 educators finished the curriculum. Modules 1 and 2 focuses on brain and spinal cord injuries, Modules 3-8 focuses on "return to learn" process. Educators' elementary and secondary post-test scores meeting 80% benchmark. HNS curriculum receiving positive feedback, high engagement from teachers. HNS professional development course lead to new school using student curriculum. HNS hoping to run course again in future.

**C. Strategic Plan FY 21-23 Update:**

Report by Chelsea Ko, DOH. Subcommittees are working to put together a neurotrauma resources manual to post on the DOH/Neurotrauma Program website. Presented rough draft of categories based on basic needs, modeled after the Senior Assistance Handbook. Discussed flyer with QR code concept with link to neurotrauma resources manual. Subcommittee met to

discuss how to present and form layout on website. Resources manual will be customized for each county. Please email suggestions or feedback to [ntrauma@doh.hawaii.gov](mailto:ntrauma@doh.hawaii.gov).

#### D. Statewide Activities Update:

*Kauai* – Chair Scotty Sagum conducting Surfer’s Myelopathy class at new surfer school and with new lifeguards in Poipu. Kauai Brain Injury Group (Think BIG) to resume meetings.

*Hawaii (Kona)* – speaker line-up for Kona Brain Injury Support group via Zoom. **May 11th at 4:00 pm**, Dr. Code to speak on oxygen therapy. **June 8th at 4:00 pm**, Kristen Keech to speak on Sleep Hygiene. **July 13<sup>th</sup> at 4:00 pm**, Neurologist Dr. Vimala Vajjalato speak on the Evaluation of Treatment of Headaches.

*Oahu* – Dr. Violet Horvath continues to send out monthly Neurotrauma newsletter via email. Please contact Dr. Horvath with new or upcoming information/meetings on neurotrauma injuries to include on newsletter. Conducted presentation on Homelessness, violence, and brain injuries, at the Hawaii Summit three weeks ago. Dr. Horvath spoke with Lt. Governor Green regarding utilization of TBI screener at homeless and domestic violence shelters. PDC, Pacific basin telehealth resources center, and Aloha Independent Living HI formed new group, the Hawaii Disabilities and Healthcare coalition. Currently working on mission statement and goals.

Brain Injury Association Hawaii (BIAH) update, report by May Chung. Last meeting held April 15<sup>th</sup>. **Projects** - BIAH has regular posting on Facebook. Accepting phone and email communication from public. Collaborating with KAPA magazine to create PSA promoting helmet use to prevent brain

injury. PSA will broadcast on TV and social media soon. Sent grant request to hobblejog. Grant to provide financial aid toward support group needs and reduced fees for mental health services. **BIAH support group** – working with Department of Parks and Recreation to hold in-person support group meeting. First meeting planned for June at Makiki park. **Membership** – in planning stages of holding a fundraiser luncheon in October at the Pacific Club to raise money for capital expenditures to keep BIAH accessible to the community.

E. DOH Update:

No new update.

VI. **Announcements:**

None.

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

Date: June 23, 2022

Time: 1:30 – 4:00 pm

Location: 3627 Kilauea Avenue, Room 418

Honolulu, Hawaii 96816

VIII. **2022 NTAB Meeting Dates**

June 23, August 25, October 27, December 15

Meeting Adjourned at 3:07 pm.