

I Mina Trentai Tres Na Liheslaturan Guåhan
Resolutions Log Sheet

Resolution No.	Sponsor	Title	Date Intro	Date of Presentation	Date Referred	Committee / Ofc Referred	PUBLIC HEARING DATE	DATE COMMITTEE REPORT FILED	Date Adopted
349-33 (LS)	Dennis G. Rodriguez, Jr.	Relative to recognizing and commending Dr. Ramel A. Carlos and Mr. Noel Bien T. Carlos for their research and presentation on "SILENT STROKES AND VASCULAR DISEASES IN COGNITIVE IMPAIRMENT ON THE ISLAND OF GUAM" and to further extending an <i>Un Dångkolo Na Si Yu'os Ma'åse'</i> for their commitment to providing guidance and information on a world stage, in an effort to heighten the awareness on prevention and treatment of vascular diseases toward the prevention of cognitive impairment and dementia, for the benefit of all healthcare professionals and all the people of Guam.	04/28/16 8:47 a.m.	05/12/16 6:00 p.m.					04/28/16

I MINA'TRENTAI TRES NA LIHESLATURAN GUÅHAN
2016 (SECOND) Regular Session

Resolution No. 349-33 (LS)

Introduced by:

Dennis G. Rodriguez, Jr.
T. C. Ada
V. Anthony Ada
FRANK B. AGUON, JR.
Frank F. Blas, Jr.
B. J.F. Cruz
James V. Espaldon
Brant T. McCreadie
Tommy Morrison
T. R. Muña Barnes
R. J. Respicio
Michael F.Q. San Nicolas
Mary Camacho Torres
N. B. Underwood, Ph.D.
Judith T. Won Pat, Ed.D.

Relative to recognizing and commending Dr. Ramel A. Carlos and Mr. Noel Bien T. Carlos for their research and presentation on “SILENT STROKES AND VASCULAR DISEASES IN COGNITIVE IMPAIRMENT ON THE ISLAND OF GUAM” and to further extending an *Un Dångkolo Na Si Yu'os Ma'åse'* for their commitment to providing guidance and information on a world stage, in an effort to heighten the awareness on prevention and treatment of vascular diseases toward the prevention of cognitive impairment and dementia, for the benefit of all healthcare professionals and all the people of Guam.

1 **BE IT RESOLVED BY *I MINA'TRENTAI TRES NA LIHESLATURAN***
2 ***GUÅHAN*:**

3 **WHEREAS, Dr. Ramel A. Carlos is Board Certified in Neurology, with Special**
4 **Qualification in Child Neurology and an Adult and Pediatric Neurology private**

1 practitioner on Guam. Dr. Carlos received his Doctorate of Medicine from Far Eastern
2 University and the Institute of Medicine in Manila, Philippines. He possesses Medical
3 Licenses from the Guam Medical Board and North Carolina Medical Board and is an
4 active member of the Guam Medical Association and American Academy of
5 Neurology. Dr. Carlos is a distinguished member of the Neurology community,
6 having been recognized with various awards and honors from the University of
7 Hawaii, John A. Burn's School of Medicine, Wake Forest University Baptist Medical
8 Center, American Epilepsy Society, Headache World Congress 2000, American
9 Headache Society and World Congress of Movement Disorders. He is married to Dr.
10 Cecile T. Carlos and is the son of Dr. Ruben Carlos and Mrs. Angelina Carlos from
11 Montalban, Rizal, Philippines; and

12 **WHEREAS**, Mr. Noel Bien T. Carlos is the only child of Dr. Ramel A. Carlos
13 and Dr. Cecile T. Carlos. Noel is a Neuroscience Major at the University of Southern
14 California, Los Angeles, California. He is a graduate and Salutatorian of Father
15 Duenas Memorial School Class of 2014 and attended St. Anthony Catholic School
16 where he graduated Valedictorian, Class of 2000; and

17 **WHEREAS**, Dr. Ramel A. Carlos and his son, Noel Bien T. Carlos have taken
18 up the charge to bring awareness and insight to the issue of 'Silent Strokes and
19 Vascular Diseases in Cognitive Impairment on the Island of Guam,' with research,
20 study and results; and

21 **WHEREAS**, both Dr. Carlos and Noel conducted an analysis of 585 patients
22 from Guam's only Neurology Clinic, 'The Neurology Clinic,' from August 2006 to
23 December 2014, reviewing their clinical history to determine the history of stroke and
24 comorbid vascular diseases; and

25 **WHEREAS**, evidence suggests that strokes and vascular diseases may be
26 associated with cognitive decline and dementia with lacunar infarctions, silent strokes
27 and leukoaraiosis may also contribute to the development of these deficits.

1 Additionally, current evidences also reveal that vascular diseases such as:
2 hypertension, diabetes mellitus, hyperlidemia, heart diseases and stroke can contribute
3 significantly to the development of dementia; and

4 **WHEREAS**, the clinical history in review was to determine the history of stroke
5 and comorbid vascular diseases, with the review of neuroimaging studies to determine
6 the presence of silent strokes or lacunar infarcts and leukoaraiosis in patients without a
7 history of a clinical stroke; and

8 **WHEREAS**, in the patients analyzed, history of stroke was identified in 42
9 patients (29%) with memory loss, 19 patients (20%) with Mild Cognitive Impairment
10 (MCI), and 122 patients (35%) with dementia. In the history of silent stroke, identified
11 were 14 patients (10%) with memory loss, 10 patients (10%) with MCI and 41
12 patients (12%) with dementia; and

13 **WHEREAS**, Dr. Carlos and Noel's study concluded that both silent strokes and
14 leukoaraiosis are found to be more common in patients with Dementia than those with
15 Memory Loss and MCI, possibly due to an increased occurrence of vascular diseases
16 in the group of patients analyzed; and

17 **WHEREAS**, in the conclusion of the report, the intent of the data collected was
18 to use toward further research to determine whether patients with silent stroke and
19 leukoaraiosis, and with memory loss and MCI will later develop dementia; and

20 **WHEREAS**, the data was also to provide the public with increased information
21 and awareness that proper treatment of various vascular diseases can potentially
22 prevent the development of cerebral infarctions or silent strokes, which both can
23 contribute to cognitive impairment and dementia; and

24 **WHEREAS**, Dr. Carlos and Noel presented this research study at a
25 Neuroscience Conference in London in March 2016 where they were awarded for the
26 'Best Research Poster Presentation'; and

1 **WHEREAS**, this study has provided a fount of information for all the people of
2 Guam and the world, providing insight to the dangers of these diseases and hope for
3 providing treatment and taking precautions when dealing with such; now therefore, be
4 it

5 **RESOLVED**, that *I Mina'Trentai Tres Na Liheslaturan Guåhan* does hereby, on
6 behalf of the people of Guam, recognize and commend Dr. Ramel A. Carlos and Mr.
7 Noel Bien T. Carlos for their research and presentation on “SILENT STROKES AND
8 VASCULAR DISEASES IN COGNITIVE IMPAIRMENT ON THE ISLAND OF
9 GUAM” and to further extending an *Un Dångkolo Na Si Yu'os Ma'åse'* for their
10 commitment to providing guidance and information on a world stage, in an effort to
11 heighten the awareness on prevention and treatment of vascular diseases toward the
12 prevention of cognitive impairment and dementia, for the benefit of all healthcare
13 professionals and all the people of Guam; and be it further

14 **RESOLVED**, that the Speaker certify, and the Legislative Secretary attest to, the
15 adoption hereof, and that copies of the same be thereafter transmitted to Dr. Ramel A.
16 Carlos and Mr. Noel Bien T. Carlos; and to the Honorable Edward J.B. Calvo, *I*
17 *Maga'låhen Guåhan*.

DULY AND REGULARLY ADOPTED BY *I MINA'TRENTAI TRES NA LIHESLATURAN GUÅHAN* ON THE 28TH DAY OF APRIL 2016.



JUDITH T. WON PAT, Ed.D.
Speaker



TINA ROSE MUÑA BARNES
Legislative Secretary