CURRICULUM VITAE



Calixto Machado, MD, Ph.D., FAAN
Full Professor and Researcher of Neurology
Corresponding Fellow of the American Academy of Neurology
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Havana, Cuba
September 19, 2022

BIOGRAPHY

Dr. Calixto Machado graduated as Medical Doctor (MD) in 1976. He continued his medical training to become a Specialist in Neurology and Clinical Neurophysiology, First Degree in 1980 and Second Degree in 1984. In 1990 he became the youngest Dr. in Sciences (Second Degree) in his country. Dr. Machado received clinical training in specialized neurology centers in Sweden, Italy, Austria, and the US. Dr. Machado has trained many medical students, neurology residents, fellows, and doctorate students in neurosciences from Cuba and the rest of the world.

During the last 30 years, he has run many research protocols, such as brain death, coma, unresponsive wakefulness syndrome, minimally conscious state, other disorders of consciousness, stroke, autism, autonomic nervous system, SARS-CoV-2, and the nervous system, among others. He has over 550 peer-reviewed articles, book chapters, and seven books. His book *"Brain Death: A Reappraisal"* has been recognized with great enthusiasm among neurologists, neurosurgeons, intensivists, and physicians specializing in transplants.

In 1992, he was the first Cuban neurologist member of the American Academy of Neurology (AAN), nominated as a Corresponding Fellow. He has been the President of the Organizing Committee of eight *International Symposia on Brain Death* and *Disorders of Consciousness* since the early '90s. During these symposia, he organized many continuing education courses in neurology attended by Cuban, Latin-American, and US young neurologists.

He is the principal Professor of Neurology and Clinical Neurophysiology in this country. He has mentored 78 physicians running their residency programs to become neurologists and 38 Ph.D. aspirants, many of whom are from Latin-American countries and the US.

Despite long-held political and administrative differences between the USA and Cuba, Dr. Machado has been a stalwart and consistent friend and collaborator of the AAN for 30 years. As the first Cuban to become a member of the AAN, he motivated other Cuban and Latin-American colleagues and students to join AAN meetings, even when travel and financial restrictions were extremely difficult to obtain. He has been

an active Faculty in the AAN Annual Meetings. In addition, Dr. Machado represented Cuba as a Faculty in the *Courses in Spanish of the AAN*, directed by Dr. Antonio Culebras. He took back to his country and many other countries precious Spanish teaching in Spanish given by prestigious Spanish-speaking members of the AAN.

He has been awarded 35 times with the "*Best Annual Scientific Medical Research* in Cuba" and five years with the "*Cuban Academy of Science Annual Award*." In 2005 he was bestowed with the American Academy of Neurology "*Lawrence McHenry Award*." This was the first time a Hispanic neurologist, a neuroscientist from a developing country, received this recognition. In 2011, he was awarded the "*Researcher of Year*" by the International Academy for Child Brain Development (Philadelphia, USA) and by the International Association of Functional Neurology and Rehabilitation (Orlando, USA).

He is a Full Professor and Researcher in neurology and clinical neurophysiology at the Institute of Neurology and Neurosurgery, Havana, Cuba. Moreover, Dr. Machado is the Cuban Society of Clinical Neurophysiology and *the National Commission for the Determination of Death Presidents, leading the* Cuban Law to Diagnose Death edition. He is also Chairman of the *Network on Defining Death of the International Association of Bioethics,* a member of *The World Federation of Neurology*, and the *International League against Epilepsy*. He is a Senior Academics of the *Cuban Academy of Sciences*.

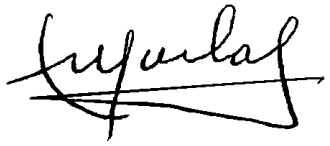
In the academic field, Dr. Machado is recognized as a world expert in neurological disorders such as brain death, coma, disorders of consciousness, neuroimaging, clinical neurophysiology, stroke, and recently on the way SARS-CoV-2 attacks the nervous system. He was **the main neurological expert in the Jahi McMath case.**

His Faculty appointments as visiting professor include Miami University (Department of Neurology, Department of Philosophy and Bioethics), Memorial Sloan-Kettering Cancer and Cornell University in New York, the Institute of Neurology at Columbia University, the Neuroanesthesia and Neurocritical Care Service at Johns Hopkins Hospital, the George Washington University, and the Department of Neurology and Neurosurgery at Jackson's Memorial Center in Miami.

During the last 20 years, Dr. Machado has been invited to Johns Hopkins as a keynote speaker, running seminars and courses for neurology and neurocritical care residents. Therefore, he has impressed the Neuroscience Critical Care team, stimulating scholars to begin a fruitful scientific exchange with Dr. Machado. An International Visiting Scholarship Program has supported him, co-sponsored by Johns Hopkins University and a private foundation.

He has been consulted as Expert Advisor for contentious suspected brain-dead cases in different countries, such as the Jahi McMath case in the USA, and to treat and diagnose comatose and unresponsive wakefulness syndrome patients (Spain, Mexico, Argentina, Brasil, USA, Saudi Arabia).

Dr. Machado has continuously demonstrated a strong desire to develop and maintain close relations between U.S.-based and Cuban Neuroscientists, and many AAN Members recognize him as the *"remaining bridge between American and Cuban neurologists."*



Calixto Machado, MD, PhD, FAAN
AAN Corresponding Fellow
President of the Cuban Society of Clinical Neurophysiology
Executive Board Member of the Cuban Society of Neurology
Executive Board Member of the Cuban Society of Neuroscience
Executive Board Member of the Cuban Academy of Sciences

EDUCATION

1967-1970:	*Pre-university (High School): Cárdenas Institute, Cuba*
1971-1976	*MD Medical career, University of Havana, Havana, Cuba*
1977-1980	*Neurology and Clinical Neurophysiology. Board Certified. First Degree. Institute of Neurology and Neurosurgery, Havana, Cuba*
1986	*Neurology-Clinical Neurophysiology. Board Certified. Second Degree. Institute of Neurology and Neurosurgery, Havana, Cuba*
1992	*Ph.D. (First Degree). Institute of Neurology and Neurosurgery, Havana, Cuba. Thesis: "Early Diagnosis of Brain Death".*
2003	*Ph.D. (Second Degree: Doctor in Sciences). Institute of Neurology and Neurosurgery, Havana, Cuba. Thesis: "Definition and Determination of Human Death."*

TOPICS FOR LECTURES

- Brain death (BD) Vs. human death
- Historical accounts on the definition and determination of human death
- Ethical considerations on the definition and diagnosis of human death
- Did the BD concept appear to benefit organ transplants?
- Cuban Law for the determination and certification of death. Comparison with other standards
- Ancillary test for brain death diagnosis
- Disorders of consciousness
- Are UWS cases isolated from the outer world? Medical and bioethical dilemmas
- Cuban perspective on bioethics of end-of-life dilemmas
- Neuroimaging assessment of comatose, UWS, and MCS cases
- Autonomic assessment of disorders of consciousness
- Autonomic, EEG, and behavioral arousal signs in UWS cases after Zolpidem intake
- Assessing early signs of ischemia in acute stroke by quantitative electric tomography
- Neuromonitoring in the intensive care
- How does SARS-CoV-2 attach to the nervous system?

RESEARCH EXPERIENCE

Jan 1976 – present Neurologist

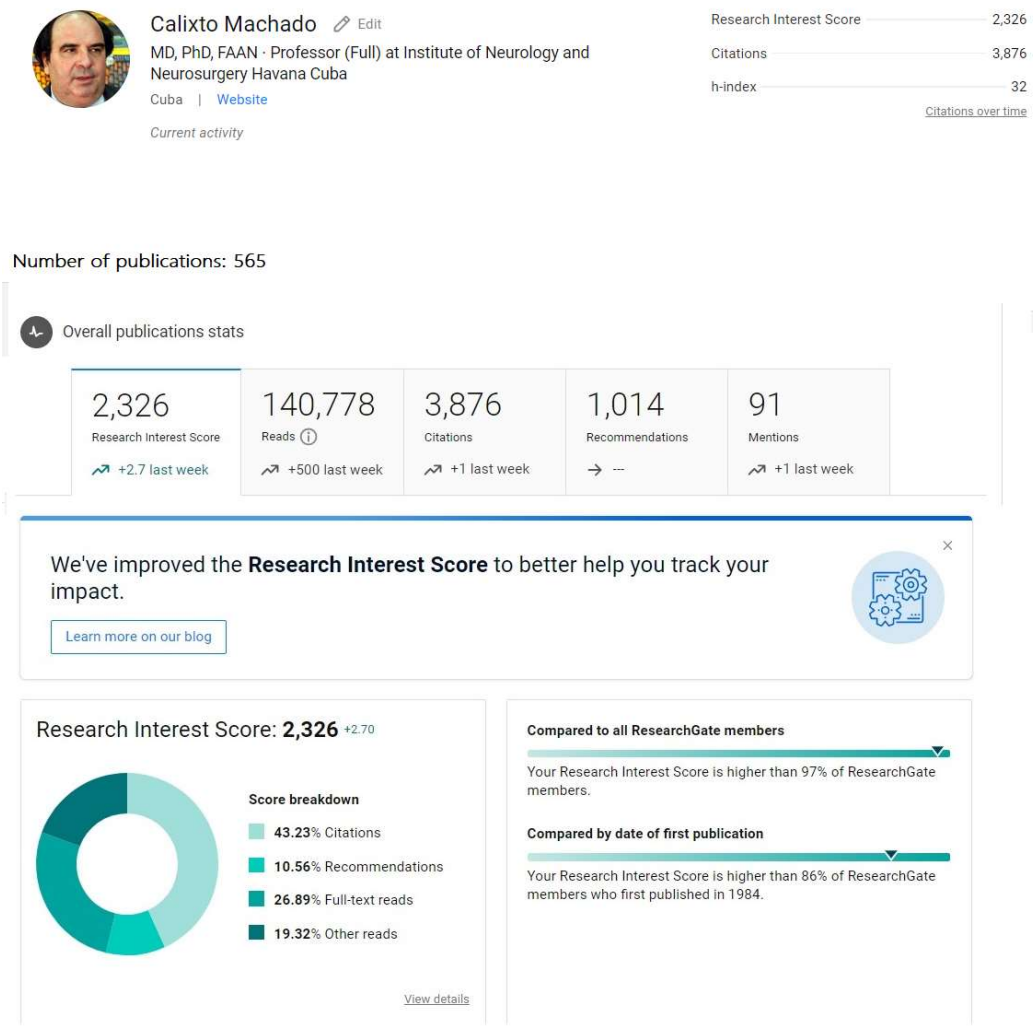
Institute of Neurology and Neurosurgery, Clinical Neurophysiology

Havana, Cuba

Since 1976: Associate Researcher in Neurology and Clinical Neurophysiology. Institute of Neurology and Neurosurgery, Havana, Cuba.

Since 1980: Associate Professor of Neurology-Clinical Neurophysiology. Institute of Neurology and Neurosurgery, Havana, Cuba.

Since 1990: Full Professor and Researcher in Neurology and Clinical Neurophysiology. Institute of Neurology and Neurosurgery, Havana, Cuba.



Statistics: According to ResearchGate

https://www.researchgate.net/profile/Calixto_Machado

AWARDS

Jan 1991	Award: Award for the "Most Outstanding Medical Research" in Cuba
Feb 1992	Award: Award for the "Most Outstanding Medical Research" in Cuba
Sept 1994	Award for the "*Best Biomedical Branch Ph.D. Thesis*" in Cuba
Sept 1995	Award for the "*Best Biomedical Branch Ph.D. Thesis*" in Cuba
Oct 1996	Recognition by the Panama Government for being a Consultant in writing the "*Law of Organ Transplantation*" in Panama.

	Award: Award for the "Most Outstanding Medical Research" in Cuba
Sept 1998	Award for the "*Best Biomedical Branch Ph.D. Thesis (Second Degree)*" in Cuba
April 2002	Award: Award for the "Most Outstanding Medical Research" in Cuba
Oct 2002	Award: Award for the "Most Outstanding Medical Research" in Cuba
Sept 2004	**Award: American Academy of Neurology Award: "Lawrence McHenry Award"**
April 2005	Award: Award for the "Most Outstanding Medical Research" in Cuba
Feb 2006	Award: Award for the "Most Outstanding Medical Research" in Cuba
Jan 2007	Award for the "*Most Outstanding Research*" of the Cuban Academy of Sciences
March 2007	"*Researcher of Year*" by the International Academy for Child Brain Development (Philadelphia, USA)
May 2011	"*Researcher of Year*" by the International Association of Functional Neurology and Rehabilitation (Orlando, USA).
October 2011	Award for the "*Most Outstanding Research*" of the Cuban Academy of Sciences
October 2012	Award: Award for the "Most Outstanding Medical Research" in Cuba
December 2012	Award for the "Most Outstanding Medical Research in Cuba
Feb 2013	Award: Award for the "Most Outstanding Research" of the Cuban Academy of Sciences
Feb 2014	Award for the "Most Outstanding Medical Research in Cuba
Jan 2015	Award for the "Most Outstanding Medical Research in Cuba
April 2016	Award for the "Most Outstanding Medical Research in Cuba
June 2017	Award for the "Most Outstanding Medical Research in Cuba
Oct 2018	
Nov 2021	

May 2022	Award for the "*Most Outstanding Research*" of the Cuban Academy of Sciences for the "Most Outstanding Medical Research in Cuba

SKILLS & ACTIVITIES

Skills	Brain Imaging, Traumatic Brain Injury, Cognitive Neuropsychology, Neuroplasticity, Clinical Neurophysiology, Brain Connectivity, EEG-Coherence, EEG Signal Processing, Brain Dynamics, Event-Related Potentials, Cognitive Neuroscience, EEG, Functional Neuroimaging, Neuroimaging, Brain Injury, Brain Death, Brain Mapping, Evoked Potentials, Electroencephalography Phase Synchronization, Functional Connectivity, Neurological Diseases, Stroke Imaging, Neuroscience, Medical Neurosciences, Neurology, Electrophysiology, Organ Donation, Visual Pathways, Brain, Electroretinography, Neurologic Manifestations, Transplant Surgery, Forensic Medicine, Stroke, Electroencephalography., Organ Transplantation, Cerebral Cortex, Brain Stem, Temporal Lobe Epilepsy, Visual Evoked Potentials, Neurophysiology, P300 Event-Related Potentials, Autonomic Nervous System, Certification, Transplantation, Doppler Ultrasonography, Anatomy, Functional Neuroanatomy, Auditory Evoked Potentials, Art and Science, Bioethics, fMRI, Cerebral Blood Flow, Autism Spectrum Disorders, Philosophy Of Science, Asd, Somatosensory Evoked Potentials, Cortex, Epilepsy, EEG/MEG. SARS-CoV-2 and the nervous system
LANGUAGES	English, Spanish
SCIENTIFIC MEMBERSHIPS	Since 1977: Member, Cuban Society of Physiological Sciences. Since 1980: Member of the Cuban Society of Neurology and Neurosurgery Executive Board. Since 1986: Executive Committee of Cuban Society of Neuroscience. Since 1989: President of the Cuban Commission for Brain Death Diagnosis. **Since 1992: Corresponding Fellow of the American Academy of Neurology**

Since 1992: Member, Cuban Chapter of the International League Against Epilepsy

Since 1994: Member, International Association of Bioethics, and International Association of Bioethics

Since 1994 Chairman of the Network on Defining Death of the International Association of Bioethics

Since 1996: Member of World Federation of Neurology (WFN)

Since 2000: President of the Cuban society of Clinical Neurophysiology

Since 2000: Cuban Representant of the Latin-American Chapter of Clinical Neurophysiology.

Since 2000: Cuban Representant of the International Federation of Clinical Neurophysiology.

Since 2000: Member of the WFN Education Committee. Dr. Machado was the WFN representative until 2015.

INTERESTS

Their current projects are Disorders of consciousness, coma, Brain Death, Autism, 'Heart Rate Variability for Autonomic Function Assessment in different neurological diseases, stroke, neuromonitoring in ICU, neurocritical care, SARS-CoV-2, and the nervous system.

PUBLICATIONS

Books

Maria Robinson Agramonte, Roberta Maresca, Laura Magistris, Allinson Presmanes Hill, Katharine Zukerman, Eric Fombonne, Jaqueline Bohner Schuch, Luisa Monteavaro Mariath, Tatiana Roman, Lavinia Schuler-Faccini, Nibaldo Hermandez Mesa, Lilia Maria Morales, Margarita Minuou Baez Martin, Ivette Cabrera Abreu, Rafael Rodriguez Rojas, Calixto Machado, Karla Batista, Maylen Carballo, Gerry Leisman, Maria Elena Gonzalez, Jorge Bergado Rosado, Nadia Kazlauskas, Amaicha Mara Depino, Elena Noris Garcia, Mercedes Adalys Rodriguez Ravelo, Yamila Adams Villalon, Gustavo Sierra, Dario Siniscalco, Nicola Antonuci: *TRANSLATIONAL APPROACHES TO AUTISM SPECTRUM DISORDER.EDITOR:ROBINSON-AGRAMONTE Ma.de los Angeles. SPRINGER 978 3 319 16320 8. 2015.XIV,218p,19 illust.,in color,Hardcover.*. 05/2017; Springer., ISBN: 978-3-319-16320-8

Calixto Machado: *Machado C - Muerte Encefalica - Un Nuevo enfoque 2007*. 03/2007; Springer.

Calixto Machado: *Brain Death: A reappraisal*. Edited by Calixto Machado, 01/2007; New York: Springer., ISBN: 978-0-387-38975-2, DOI:10.1007/978-0-387-38977-6

Calixto Machado, Alan D. Shewmon: *Brain Death and Consciousness Disorders*. Vol 550 (Advances in Experimental Medicine and Biology) edited by Calixto Machado, Alan D. Shewmon,, 01/2004; New York: Kluwer Academic/Plenum Publishers., ISBN: 0-306-48482-X, DOI:10.1007/978-0-306-48526-8

Calixto Machado: *Brain Death (Proceedings of the Second International Symposium on Brain Death)*. Edited by Calixto Machado, 01/1995; Elsevier Science, B. V., ISBN: 0 444 82267 4

Calixto Machado: *Una Nueva Definición de la Muerte Humana (Premio Anual del Ministerio de Salud Pública, 1994)*. 01/1994; Editorial de Ciencias Médicas (La Habana, Cuba).

Jesus Parets-Gomez, Calixto Machado, Orlando Garcia-Garcia, Mayra Abeledo: *Aspectos legales y éticos en el diagnóstico de la muerte encefálica*. Edited by Calixto Machado, 01/1992; ECIMED., ISBN: ISBN-050-212-007-2

Calixto Machado: *Muerte encefálica. Criterios Diagnósticos del Instituto de Neurología y Neurocirugía*. Información Científico-Docente No. 1:1-40 edited by Instituto de Neurologia y Neurocirugia, 01/1990;

Book Chapters

Calixto Machado, Mario Estévez, Rafael Rodríguez, Mauricio Chinchilla, Jesús Pérez-Nellar: *Disorders of Consciousness: Common Findings in Brain Injury*. Neurotrauma, 11/2018: pages 69-78; ISBN: 9780190279431, DOI:10.1093/med/9780190279431.003.0007.

Leisman G, Machado C, Rodriguez-Rojas R, Batista K, Carballo M, Morales JM, Iturria Y. Measurement of Axonal Fiber Connectivity in Consciousness Evaluation. 2014 IEEE 28th Convention of Electrical and Electronics Engineers in Israel IEEE Cat. No: CFP14417-CDR; ISBN: 978-1-4799-5987-7 DOI: 10.13140/2.1.4845.7289

J. Perez-Nellar, C. Machado, C. Scherle, R. Rodríguez, M. Carballo, G. Leisman, R. Melillo: *Persistent vegetative state: Ventricular CSF pulsation artifact*. Funct Neurol Rehabil Ergon 2012;2(2):pp. 115-120

C. Machado, M. Estévez, M. Chinchilla, J. Perez-Nellar, J. Gutiérrez, A. Olivares, C. Beltrán, Y. Machado: *Autonomic assessment during recognition of the mother's voice in a persistent vegetative state patient*. 01/2016: pages 135-140;

J. Perez-Nellar, C. Machado, C. Scherle, R. Alvarez, A. Areu: *Brain dead: Clinical and neuropathological aspects*. 01/2016: pages 85-92;

R. Rodriguez-Rojas, K. Batista, Y. Iturria, C. Machado, G. Leisman, M. Chinchilla, P. DeFina, M. Carballo, J.M. Morales: *Disrupted axonal fiber connectivity as a marker of impaired consciousness states*. 01/2016: pages 57-67;

Rafael Rodríguez-Rojas, Calixto Machado, Karla Batista, Maylen Carballo, Gerry Leisman: *Neuroimages in Autism*. Translational Approaches to Autism Spectrum Disorder, Edited by Maria de los Angeles Robinson-Agramonte, 06/2015: chapter Neuroimages in Autism: pages 95-117; Springer., ISBN: 978-3-319-16320-8, DOI:10.1007/978-3-319-16321-5_6

Leisman, Melillo, Mualem, Machado: *The effect of music training and production on functional brain organization and cerebral asymmetry. In: Art, Science and Technology. Tatyana Kravchuk, Alec Groysman, Celestino Soddu, Enrica Colabella, Gerry Leisman (Eds).] Mialno, Italy; Domus Argenia Publisher, 2012, pp. 133-139.*. Art, Science and Technology: Interaction between Three Cultures, 1ed edited by Tatyana Kravchuk, Alec Groysman, Celestino Soddu, Enrica Colabella, Gerry Leisman, 06/2012: chapter The effect of music training and production on functional brain organization and cerebral asymmetry. In: Art, Science and Technology: pages 133-139; Domus Argenia Publisher, Milano, Italy., ISBN: 978-88-96610-24-4

Leisman G, Melillo R, Mualem R, Calixto Machado: *The effects of music training and production on functional brain organization and cerebral asymmetry*. Art Science and Technology. Proceedings of the International Conference on Art, Science, and Technology., Edited by Kravchuk T, Groysman A, Soddu C, Colabella E, Leisman G., 01/2012: pages 133-139.; Milano, Italy: Domus Argenia Publisher.

Calixto Machado: *A avaliação neurofisiológica no coma e na morte encefálica*. Neurofisiologia clínica: princípios básicos e aplicações, 2ª. Edição edited by Luiz Carlos Pinto, 01/2010; São Paolo: Editora Atheneu.

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Calixto Machado: *Brain Death and Organ Transplantation: Ethical Issues*. Brain Death: A reappraisal, Edited by Calixto Machado, 01/2007: chapter 8: pages 200-207; New York: Springer Science-Business Media, LLC., ISBN: 978-0-387-38975-2, DOI:10.1007/978-0-387-38977-6_8

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Calixto Machado: *Brain Death in Children*. Brain Death: A reappraisal, Edited by Calixto Machdo, 01/2007: chapter 6: pages 158-168; New York: Springer Science-Business Media, LLC., ISBN: 978-0-387-38975-2, DOI:10.1007/978-0-387-38977-6_6

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Julius Korein, Calixto Machado: *Brain death: Updating a valid concept for 2004*. Brain Death and Consciousness Disorders, Advances in Experimental Medicine and Biology, Vol. 550 edited by Calixto Machado, D. Alan Shewmon, 02/2004: pages 1-14; New York: Kluwer Academic/Plenum Publishers., ISBN: 0-306-48482-X, DOI:10.1007/978-0-306-48526-8_1

Calixto Machado, Mayda Abeledo, Carlos Alvarez, Rosa M Aroche, Irene Barrios, Alicia M Lasanta, Ramón Beguería, Armando Cabrera, Berta L Castro, Maria E Cobas, Enma Cuspineda, Antonio Enamorado, Nicolás Fernández, Pedro Figueredo, Orlando D García, Tania García, Nelson Gómez, Carlos González, Noel González, Jorge González, Armando González, Raúl Herrera, Jorge Lage, Alberto Martínez, Armando Pardo, Jesús Parets, Leonardo Pérez, Jesús Pérez, Margarita Pons, Desiderio Pozo, Ibis Rojas, José M Román, Héctor Roselló, René Ruiz, Aquilino Santiago, Sofía Sordo, Roberto Suárez, Rene Zamora: *Cuba has Passed a Law for the Determination and Certification of Death*. Brain Death and Consciousness Disorders. Advances in Experimental Medicine and Biology, Vol. 550. New York: Kluwer Academic/Plenum Publishers, Vol. 550 (Advances in Experimental Medicine and Biology) edited by Calixto Machado, D. Alan Shewmon, 02/2004: pages 139-142; New York: Kluwer Academic/Plenum Publishers., ISBN: 0-306-48482-X, DOI:10.1007/978-0-306-48526-8_11

Enrico Facco, Calixto Machado: *Evoked Potentials in the Diagnosis of Brain Death*. Brain Death and Consciousness Disorders, Vol. 550 (Advances in Experimental Medicine and Biology) edited by Calixto Machado, Alan D. Shewmon, 02/2004: pages 175-187; New York: Kluwer Academic/Plenum Publishers., DOI:10.1007/978-0-306-48526-8_16

Calixto Machado: *Is the concept of brain death secure?* Ethical Dilemmas in Neurology, Volumen 36 edited by Adam Zeman, Linda Emanuel, 01/2000; London: W. B. Saunders Company.

Calixto Machado: *La muerte Humana*. Bioética desde una perspectiva cubana, Edited by José Acosta, 01/1997; Edición del Centro "Félix Varela" (La Habana).

Calixto Machado: *An early prediction of the clinical course in cerebrovascular coma by evoked potentials*. Recent Advances in Clinical Neurophysiology (Proceedings of the Xth Congress of EMG and Clinical Neurophysiology), Edited by Kimura J, Shibasaki H, 01/1996: pages 402-496; Amsterdam: Elsevier Science, B.V..

Calixto Machado: *Una nueva definición de la muerte segun criterios neurológicos*. Muerte Encefálica y Donación de Órganos, Edited by Esteban A, Escalante A, 01/1995: pages 27-51; Comunidad Autónoma de Madrid, Madrid., DOI:10.13140/RG.2.1.1322.1521

Calixto Machado: *Nueva Definición de la muerte humana (Teoría Científica)*. XIX Concurso Nacional. Premio Anual de la Salud. Trabajos Galardonados, Edited by MINSAP, 01/1995: pages 9-50; La Habana: ECIMED 1995.

Calixto Machado: *Potenciales evocados multimodales y el electrorretinograma en una batería de pruebas para el diagnóstico precoz de la muerte encefálica*. Proceedings of the VIII Pan-American Congress of Neurology, Edited by Chouza C, 01/1995: pages 559-570.; Montevideo, Uruguay: Imprenta Americana.

García OD, Machado C, Román JM, Cabrera A, Díaz-Comas L, Rivera B, Grave de Peralta R.: *Heart rate variability in coma and brain death*. Brain Death (Proceedings of the Second International Symposium on Brain Death), In: C. Machado, (ed.): Brain Death (Proceedings of the Second International Symposium on Brain Death). Elsevier S edited by Calixto Machado, 01/1995; Elsevier Science, B. V., ISBN: 0 444 82267 4

Calixto Machado: *A contribution of multimodality evoked potentials and electroretinography for the early diagnosis of brain death*. Brain Death (Proceedings of the Second International Symposium on Brain Death), Edited by Calixto Machado, 01/1995: pages 141-150; Elsevier Science, B. V., ISBN: 0 444 82267 4

Calixto Machado, Orlando García, José M. Román, Jesús Parets. *Four years after the "First International Symposium on Brain Death" in Havana: Could a definitive conceptual re-approach be expected?*. Brain Death (Proceedings of the Second International Symposium on Brain Death), García, OD, and Parets J. Edited by Calixto Machado, 01/1995: pages 1-9; Elsevier Science, B. V., ISBN: 0 444 82267 4

Calixto Machado, Orlando García: *Guidelines for the determination of brain death*. Brain Death (Proceedings of the Second International Symposium on Brain Death), Edited by Calixto Machado, 01/1995; Elsevier Science, B. V., ISBN: 0 444 82267 4

Calixto Machado: *A new definition of death based on the basic mechanisms of consciousness generation in human beings*. Brain Death (Proceedings of the Second International Symposium on Brain Death), Edited by Calixto Machado, 01/1995: pages 57-66; Elsevier Science, B. V., ISBN: 0 444 82267 4

Calixto Machado: *Preface*. Brain Death (Proceedings of the Second International Symposium on Brain Death), Edited by Calixto Machado, 01/1995: pages V-VI; Elsevier Science, B. V., ISBN: 0 444 82267 4

Calixto Machado: *Computerized method for the evaluation of regional cerebral circulation by the use of radioisotopes.*. Progress in Computer-Assisted Function Analysis., IFIP-IMIA edited by J.L.Willema, J.H. Bemmel, J. Michel, 01/1988: chapter A. Computerized method the evaluation of regional cerebral circulation by the use of radioisotopes.: pages 425-428.; North-Holland: Elsevier-Science Publishers B. V.

Machado C, et al. Brainstem Dysfunction in SARS- COV-2 Infection can be a Potential Cause of Respiratory Distress. En: Alfonso Sánchez IR, et al. (Editores). Producción científica cubana sobre la COVID-19. Compilación de resúmenes (marzo de 2020-junio de 2021). Vol. I [Internet]. La Habana: Editorial Ciencias Médicas; 2021. Disponible en: http://www.bvscuba.sld.cu/libro/produccion-cientifica-cubana-sobre-la-covid-19-compilacion-de-resumenes-marzo-de-2020-junio-de-2021-volumen.

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