

## José Alcibíades Fernández Abinader, MD

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### Education

Spine Fellow. Brown University. Ziya Gokaslan. January 2021- June 30<sup>th</sup> 2022 (anticipated)

Neurological Surgery. University of Puerto Rico. Graduated June 30<sup>th</sup> 2019.

Doctor of Medicine. School of Medicine, Universidad Iberoamericana (UNIBE), Dominican Republic. 2001 - 2005; Graduated Nov. 2005

Music – Violin Performance. Professors Hipólito Javier and Jacqueline Baez. Dom. Rep. 1996-2010

### Honors / Awards

*Summa Cum Laude*. Universidad Iberoamericana School of Medicine. November, 2005.

National Award for Maximum Academic Excellency, granted by the State Secretary of Education and Culture of the Dominican Republic, 2000

*Highest Distinction* at Colegio Padre Fortín, Santiago, DR. Final GPA 96.1, graduated Jul. 2000. -"El Fortín" award, Top Student of the Class Recognition, the highest honor at Colegio Padre Fortín, and "Meritorious Student". July 2000

### Work Experience

Junior Attending and Complex Spine Fellow at Brown University - Lifespan Physician Group. January 25, 2021-Present

Staff Neurosurgeon. CEDIMAT -Centro de Diagnóstico Medicina Avanzada y Telemedicina- Santo Domingo, R.D. August 2020 – December 2020.

*Attending Physician (Neurosurgeon – honorific position)*. Hospital Docente Universitario Dr. Dario Contreras. Santo Domingo, R.D. Supervising neurosurgery residents in the OR and on academic activities. August 2019 – September 2020.

*Internship and Médico General (General Practitioner)*. 2006 – 2011. Metropolitan Regional Health Service at the Primary Care Center of "Los Morenos" - Fundacion Dominicana de Integracion a los Procesos Economicos (FUNDO-IPE). State Secretary (Ministry) of Public Health and Social Assistance of the Dominican Republic.

*The William J. Harrington Medical Training Programs for Latin America – Observer. NSICU and Neurosurgery, and Nephrology. University of Miami - Miller School of Medicine. Jackson Memorial Hospital. January-2008 to April-2008*

## **Publications**

Fernández-Abinader, J., Pagán-Rodríguez, A., Rondón-Granados, H., Feliciano, C. (September, 2019) Multimodal endovascular approach in a case of multiple dural arteriovenous fistulae. Puerto Rico Health Sciences Journal. PRHSJ Vol. 38 No. 3, 198-200.

Rios-Vicil, C., Fernández-Abinader, J. & Vigo-Prieto, J. (2018) Cervicomedullary arachnoid cyst causing bulbar dysfunction and quadriplegia in an infant: A case report and review of literature. Boletín Médico Científico: Asociación Médica de Puerto Rico. 110(1), 17-19.

Fernández-Abinader, J., González-Colon, K., Feliciano, C., & Mosquera-Soler, A. (September, 2017). Traumatic Brain Injury Profile of an Elderly Population in Puerto Rico. Puerto Rico Health Sciences Journal, 36(3), 237-239. PMID: 29220069

## **Scholarly Activity and Research Interests**

- Fernández-Abinader J. *Surgical Strategies for Os Odontoideum in Down Syndrome*. Oral Presentation. Sociedad Dominicana de Neurología y Neurocirugía. Hotel Catalonia. Santo Domingo, R.D. March 7<sup>th</sup>, 2020.

- Fernández-Abinader J., *Review of Sagittal Spinopelvic Parameters and Measurements. Strategies to correct deformities*. Oral Presentation. Ground Round. Neurosurgery Department. Hospital Docente Universitario Dr. Dario Contreras. Santo Domingo, R.D. Sept 13<sup>th</sup>, 2019.

- José A. Fernández-Abinader, Allyson Pagán-Rodríguez, Héctor Rondón-Granados and Caleb Feliciano *Multimodal treatment approach in a case with multiple dural arteriovenous fistulae, presenting with venous hypertensive encephalopathy: a rare presentation related to traumatic events, in a patient with congenital TAPVR and acquired aplastic anemia*.

- Nathan Rifkinson Forum 2018. Poster presentation. School of Nursing, University of Puerto Rico. May 11<sup>th</sup>, 2018

- Grand Round. Department of Surgery. Neurosurgery Section, University of Puerto Rico-Medical Sciences Campus April 2018: Oral presentation: *Lateral and Oblique Approaches for Lumbar fusion*

- José A. Fernández-Abinader, MD; Rafael E. Baella, BS; Ricardo J. Fernandez-de Thomas, BS; Miguel G. Echevarría, MD; Juan Ramos, MD; Fanor M. Saavedra-Pozo, MD; Caleb E. Feliciano, MD, FAANS *C2-C3 AVF: A Case Report. Maintaining stability & preserving neurologic function applying intraoperative evaluation with endovascular techniques*.

- Poster presented at 37th ANNUAL RESEARCH AND EDUCATION FORUM. April 19<sup>th</sup>, 2017

- Poster presented at the Nathan Rifkinson Forum 2017. May 6<sup>th</sup>, 2017
  - Digital poster at the CNS 2017
- Christian Rios-Vicil, José A. Fernandez-Abinader, Juan Vigo-Prieto. *Cervicomedullary arachnoid cyst causing bulbar dysfunction and quadraparesis in an infant.*
- Poster presented at 37<sup>th</sup> ANNUAL RESEARCH AND EDUCATION FORUM. April 19<sup>th</sup>, 2017
- *Research Experience:* Worked under Dr. Miranda mentorship (08/2016 to 12/2016). Participating in the experimental procedures to produce spinal cord injury in adult rats, perfusing the animal, extracting the tissue to obtain soluble proteins and performing Western blot analysis to monitor the expression of specific proteins after injury.
- Fernández-Abinader J, Pérez-Román R. & Saavedra-Pozo F. *Congenital or Traumatic Os Odontoideum, wait to fix it? If It's Broke, Fix It! : A case report after neck injury.*
- March 16<sup>th</sup>-18<sup>th</sup>, 2016. 36<sup>th</sup> Annual Research and Education Forum, University of Puerto Rico. Poster presentation.
  - May 7<sup>th</sup>, 2016. Nathan Rifkinson Forum 2016, Centro Cardiovascular de Puerto Rico. Poster presentation.
- Fernández-Abinader J. *Pediatric Spine Fractures* . Oral presentation. Grand Round. Department of Surgery. Neurosurgery Section, University of Puerto Rico-Medical Sciences Campus July-2015
- Fernández-Abinader J, González-Colón K, Mosquera-Soler A. & Feliciano-Valls C. *Traumatic Brain injury profile in the elderly population of Puerto Rico.*
- Nathan Rifkinson Forum 2015. Oral presentation. School of Nursing, University of Puerto Rico. May 9<sup>th</sup>, 2015
- Fernández-Abinader J. *Orbital Tumors*. Oral presentation. Grand Round. Department of Surgery. Neurosurgery Section, University of Puerto Rico-Medical Sciences Campus September-2014
- Fernández-Abinader J. *Spinal Cord Tumors*. Oral presentation. Grand Round. Department of Surgery. Neurosurgery Section, University of Puerto Rico-Medical Sciences Campus May-2014
- Fernández-Abinader J. *Guillan-Barré and other diseases*. Oral presentation. Grand Round. Department of Surgery. Neurosurgery Section, University of Puerto Rico-Medical Sciences Campus December-2013
- Fernández-Abinader J. *Sleep waves and stages*. Oral presentation. Grand Round. Department of Surgery. Neurosurgery Section, University of Puerto Rico-Medical Sciences Campus, September-2013
- Fernández-Abinader J. *Chemical/electrical pathway for vision ( rods and cones)*. Oral presentation. Grand Round. Department of Surgery. Neurosurgery Section, University of Puerto Rico-Medical Sciences Campus, September-2013
- Fernández-Abinader J. *Electrical conduction in normal neuron/Cardiac/smooth muscle*. Oral presentation. Grand Round. Department of Surgery. Neurosurgery Section, University of Puerto Rico-Medical Sciences Campus, August-2013

· Fernández-Abinader J. *Diffuse Axonal Injury*. Oral presentation. Grand Round. Department of Surgery. Neurosurgery Section, University of Puerto Rico-Medical Sciences Campus, August-2013

### **Professional Organization Memberships**

Sociedad Dominicana de Neurología y Neurocirugía	2020 – Present
Colegio Médico Dominicano	2019 - Present
American Association of Neurological Surgeons	2012 - Present
Congress of Neurological Surgeons	2012 - Present

### **Other Awards/Accomplishments**

- First violin of the National Youth Symphony Orchestra, 1997-2003
- Winner of several medals and certificates from the music school “Hogar de la Armonía, Santiago, DR. 1993-1996
- Outstanding student at Escuela de Artes de Gocessa – Violin
- Sixth Place, Regional Mathematical Olympiad. Stgo., 1999
- First Place, Mathematical Olympiad at Colegio Padre Fortín, 1995
- Recognition as male tae kwon-doist of the year from Instituto Dominicano de TAE KWON-DO, 1996.

### **Extracurricular Activities**

- Former member of the “Chamber Orchestra of the Universidad Autónoma de Santo Domingo (UASD)”, with Hipólito Javier
- Former member of the Chess Team at Universidad Iberoamericana (UNIBE) and PUCMM
- Math and Violin private tutoring
- Participant from June 12-23, 2000 at the Festival for Young Symphonic Orchestras of the Americas (FOSJA 2000), Puerto Rico
- Participant at several concerts offered by the Young Symphonic Orchestra of Santo Domingo in several provinces and at cultural centers, theaters, Banco Central’s Auditorium, National Place, Capotillo, etc., 1997

### **Language Fluency:**

- Spanish
- English
- French (reading comprehension)

**Hobbies & Interests** Violin, chess, table tennis, baseball, soccer, running.