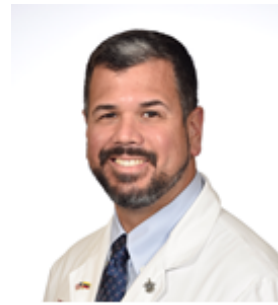


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PERSONAL INFORMATION

Date of Birth: May 18, 1978
Place of Birth: Caracas- Venezuela
Marital Status: Married

EDUCATION & TRAINING

Spine Surgery Fellowship	Cleveland Clinic Foundation 2011-2012
Neurological Surgery Residency	Cleveland Clinic Foundation Cleveland, OH 10/07-09/13
Gamma Knife Perfexion™ Training Program	Cleveland Clinic Foundation, OH 08/14
General Surgery Residency	Albert Einstein Medical Center Philadelphia, PA 07/05- 06/07 PGY 1 and PGY 2
Doctor of Medicine	Universidad Central de Venezuela J. M. Vargas School of Medicine Caracas, Venezuela. 09/96- 03/03
Bachelor of Science	Colegio Jefferson Caracas, Venezuela. 10/91- 07/96

WORK EXPERIENCE

Orlando Health Neuroscience Institute- Orlando Regional
Medical Center- Neurosurgeon
09/2017- Current

Orlando Regional Medical Center
Director Spine Surgery 02/19-10/2024

University of Florida Health at Orlando Regional Medical Center
11/2016- 08/2017
Orlando, FL

Southeastern Regional Medical Center 10/2013- 11/2016
Staff Neurosurgeon
Medical Director of Neurosurgery
Lumberton, NC

ACADEMIC APPOINTMENT

Neurosurgery and Spine Trauma Rotation Director
Orthopaedic Residency Program
Orlando Health
2019-Current

Clerkship Faculty - Florida State University
2019-Current

Assistant Professor- University of Florida College of Medicine
2016- 2017

Assistant Professor- Campbell University School of Medicine
2015- 2016

MEDICAL CERTIFICATION

American Board of Neurological Surgeons- Certified 11/2016
American College of Surgeons- Fellow 2018
ECFMG Certified 03/05
ACLS Certified

LICENSURE

State of North Carolina: Active
State of Florida: Active

PRESENTATIONS

- *ISASS annual meeting. April 2025. Podium Presentation. "Evaluating Intradiscal Pressure at the Proximal End - of MIS and Open- Long Lumbar Deformity Constructs: Human Cadaveric Biomechanical Study"*
- *XIX Congress Neurosurgical Society of Rio de Janeiro. June 2024. Rio de Janeiro, Brasil. Robotics in Spine Surgery.*
- *VXIII Congress Colombian Orthopedic Spine Surgery meeting. February 2024 Cartagena, Colombia. Robotics in Spine Surgery.*

- CNS annual meeting. Washington DC. September 9, 2023. Meeting of the Americas. *Robotics in Spine Surgery*.
- AANS annual meeting Philadelphia, April 20th, 2023. Faculty presentation. You are never too old for surgery. Cervical Spondylosis with Myelopathy.
- Dominican Republic Neurosurgical Society. May 6th, 2022. Santo Domingo, Dominican Republic. International Guest Speaker. Use of Robotics on Deformity Correction Surgery. Prone Lateral and Single Position Lateral Surgery.
- AANS annual meeting Philadelphia, April 29th, 2022. Faculty presentation. You are never too old for surgery. Cervical Spondylosis with Myelopathy.
- Pan-American Medical Association Annual Meeting Speaker: Deformity Correction Surgery Basics for the Primary Care Physician, September 2021
- Cleveland Clinic Spine Review Course- Cleveland, OH-Cadaver laboratory faculty staff 2014, 2015, 2016, 2017,2018
- Orlando Health Neuroscience Symposium 2019 “Thoracic Spine- principles and pathology”
- Orlando Health Neuroscience Symposium 2018 “Spinal Deformity for the Primary Care Provider”
- Nicholas Dellamonicio Trauma Conference “Neurotrauma”, May 2017.

INDUSTRY COURSES/ PRESENTATIONS

- Faculty MERC Course Globus Medical. August 2024. Audubon, PA. Evolution of Spine Surgery. Prone Lateral
- Faculty MERC Course Globus Medical. Sept. 2024. Audubon, PA. Lateral Spine Solutions
- Faculty Robotic Navigation Institute. Globus Medical. March 2024. Nashville, TN
- AANS Annual meeting. May 2024. Chicago, IL. Globus Medical Workshop Navigation vs Robotics.
- CNS Annual meeting. Sept. 2023. Globus Medical Workshop presentation. Single Position Lateral Procedures
- Faculty MERC Course. Globus. August 2023. Evolutions of Spine Surgery Cadaveric Course. MIS TLIF and Single Position Lateral Techniques.
- Faculty MERC Course. Latest Innovations in Advanced MIS Surgery. March 19,2022. New York, NY
- Faculty MERC Course. Lateral Access Surgery: Transpsoas vs. Anterior-to-Psoas. November 20, 2021. Miami, FL
- Scoliosis Research Society Annual Meeting Industry Sponsored Speaker: Deformity Correction Surgery with

Excelsius GPS GPS-Globus. St. Louis, MO, September 2021

- Spine Summit Spine Joint Section annual meeting. Globus Workshop. Single position prone lateral surgical approaches. San Diego, CA. July 30th, 2021
- Faculty Speaker at Globus: Advanced Lateral Spine Reconstruction Surgery. Audubon, PA. June 26th, 2021.
- Faculty Speaker at the Globus Spine Excelsius Technology Symposium. Audubon, PA. June 11-12th, 2021.
- MERC Course. Shaping Tomorrow's Spine Surgeons: Trends and Concepts for Residents and Fellows. Speaker/Faculty. May 15th. 2021.
- Spine Summit 2020 meeting. Industry Workshop. The Evolution of Robotic Guided Surgery. Speaker. March 7th, 2020.
- MERC Robotic Symposium. Robotics in Deformity Correction Surgery. Speaker. February 28-29th, 2020.
- Cervical Spine Research Society. Industry Lunch Workshop: Cervical Corpectomy for Spondylotic Myelopathy. Speaker. November 21st 2019.
- MedEd Stryker Surgical Roadmap for complex spinal reconstruction. "C1-C2 Fracture Management" and "Costo-transversectomy technique- cadaver lab". LSU Health Center. October 2018

ACADEMIC ACHIEVEMENTS & AWARDS

2024	North American Spine Society – Appointed Member Robotics, enabling technologies & MIS (REMi) Committee
2021	North American Spine Society – Appointed Member Robotics Committee
2017	Orlando Health Physicians Exemplars Award
2011	Synthes Award from the Congress of Neurological Surgeons for resident research on spinal cord and spinal column injury
2009-2010	Award Resident of the Year- Chairman's choice at the Cleveland Clinic Neurosurgery Program
1993	Jose Felix Ribas, 3 rd Class Award (Exemplary Youth) Venezuela's Family Ministry (awarded by excellent school and sports achievements for the nation)

RESEARCH/PUBLICATIONS

“Thoracic corpectomy, anterior approach”. Core techniques in operative neurosurgery, Dr Peter Black. Elsevier.2011

Chaudry S., Matheus V., Benzel E.

Endoscopic syringo-sub arachnoid shunt for treatment of syringomyelia with intra operative ultrasound assistance

Neurological Institute Research day 2011- Cleveland Clinic Foundation

Xiao D, Matheus V

Marburg’s disease- presentation of an acute demyelinating disorder

Neurological Institute Research Day 2009- Cleveland Clinic Foundation Weil R, Matheus V

Effects of a combined Immunomodulatory therapy and chondroitinase after spinal cord hemisection injury.

Ohio State Neurosurgical Society meeting 2011.

First Place award

Matheus,V.; Iannotti, C.; Grosso,M.; Clark, M.; Steinmetz,M.

Effects of a combined Immunomodulatory therapy and chondroitinase after spinal cord hemisection injury.

Lumbar Spine Research Society meeting 2011.

Matheus,V.; Iannotti, C.; Grosso,M.; Clark, M.; Steinmetz,M.

Effects of a combined Immunomodulatory therapy and chondroitinase after spinal cord hemisection injury.

Congress of Neurological Surgeons meeting.

Washington,D.C. 2011

Matheus,V.; Iannotti, C.; Grosso,M.; Clark, M.; Steinmetz,M.

Oral presentation

Synthes Award for resident research on spinal cord and spinal column injury.

“Posterior lumbar interbody fusion”. Anesthesia for spine surgery. First edition. Cambridge University Press. 2012

Matheus,V.; Bingaman,W.

“Somatosensory evoked potential for spinal surgery”. Spine Surgery: Technique, complications avoidance and management. Third edition. Elsevier. 2012
Matheus, V.; Gonzalez-Martinez,J.; Nair, D.

“Neurologic and functional evaluation”. The Cervical Spine. Fifth edition. LWW. 2012
Zeidman, S.; Benzel, E.; Matheus, V.

Thoracic range of motion and correlation to imaging-determined determination.
The North American Spine Society 10th annual Evidence and Technology Summit
Utah 2014
Healy, A.; Lubelski, D.; Mageswaran, P.; Matheus, V.;
Rosenbaum, B.; Benzel, E.; Mroz, T.

“Effects of an Immunomodulatory Therapy and Chondroitinase After Spinal Cord Hemisection Injury”.
Neurosurgery. Lippincott Williams & Wilkins. 2014
Grosso, M.; Matheus, V.; Clark, M.; Van Rooijen, N.; Iannotti, C.; Steinmetz, M.

“Thoracic Range of Motion, Stability and Correlation to Imaging-Determined Degeneration”. The Journal of Neurosurgery: Spine. 2014
Healy, A.; Lubelski, D.; Mageswaran, P.; Matheus, V.;
Rosenbaum, B.; Benzel, E.; Mroz, T.

“Transforaminal and posterior lumbar interbody fusion”. Spine Surgery: Tricks of the Trade- 3rd edition. Thieme. March 2015
Matheus, V.; Francis, T.

Robotics-guided placement of second set of screws in one pedicle: A case report. Virgilio Matheus, Camilo J. Albert. Interdisciplinary Neurosurgery. Volume 27, March 2022.

Robotics Assistance Improves Efficiency for Navigated TLIF Surgery. Brandon Simonetta, Corey Engel, Robert Hirschl, Virgilio Matheus. Journal of Minimally Invasive Spine Surgery and Technique. 2021; 6(2): 83-89.

Static magnetic fields within spinal interbody cages for the promotion of spinal arthrodesis: a pilot study.

Hirschl RA, Biedrzycki AH, Sidhu HS, Wagner AS, Matheus V, Meiner ST, Foreman PM. World Neurosurg. 2020 Sep 3:S1878-8750(20)31996-3. doi: 10.1016/j.wneu.2020.08.217. Online ahead of print.

Randomized trial of Augmented Pelvic Fixation in Patients undergoing Thoracolumbar Fusion for Adult Spine Deformity: Initial Results from a Multicenter Randomized trial.

Polly, D; Mundis, G; Eastlack, R; Leveque, JC; Elder, B; Martin, C; Kent, R; Snowden, R; sembrano, J; Herzog, J; Lieberman, I; Matheus, V; Shaffrer, C; SILVIA investigator group; et al. World Neurosurg. 2024 Jul;187:e15-e27.

PROFESSIONAL ORGANIZATIONS

- Change the Pan-American Member at Large Tenure to Reflect 2019-2021
- American Association of Neurological Surgeons, Fellow 2016 - Present
- Congress of Neurological Surgeons, Member 2013 - Present
- Florida Neurosurgical Society 2016 - Present
- North American Spine Society 2013 - Present
- American Medical Association, Member 2013 - Present
- Pan-American Medical Association of Central Florida- Member at large 2019 - Present

LANGUAGES

English and Spanish

References available upon request.