

## CURRICULUM VITAE

### A. PERSONAL INFORMATION

Name: Last, First, Middle	Mas D Alessandro, Nicolas Mario
Credential	MD
Office address	MetroHealth Medical Center MetroHealth Drive Cleveland, OH, 44108
Home Address	2658 Scranton Rd Apt 206; Cleveland OH, 44113.
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Home Telephone	+1 646 675 8484
Work Email	nmasdalessandro@metrohealth.org
Personal Email	<a href="mailto:nicolas.masdalessandro@gmail.com">nicolas.masdalessandro@gmail.com</a>
Alternative Email	<a href="mailto:masda93@gmail.com">masda93@gmail.com</a>
Citizenship	Argentinian
Visa Status	H1B Visa with MetroHealth System

#### Optional information

Birth Date	06 <sup>th</sup> August, 1993
Birthplace	Argentina
Race/Ethnicity	Hispanic
Language(s)	Spanish, English

### B. EDUCATION AND TRAINING

#### 1. Academic Degree(s)

Degree	Institution Name and Location	Dates Attended	Year Awarded
E. P	General Certificate of Primary Education Colegio Maria Auxiliadora Standard-bearer. Average: A	1999-2006	2006
High School	Escuela Nuestra Señora del Rosario, Villa Regina, Rio Negro, Argentina. Average: B	2006-2011	2011
M.D.	Favaloro University, Buenos Aires, Argentina. Medical Degree Accredited and Validated in Spain.	2012-2017	2017

#### 2. Internship/Rotations

Institution	Specialty	Period
Hospital "Dr. Horacio Heller", Neuquén, Argentina	Volunteer - Clinics (external rotation)	January 2014 - February 2014
Hospital General de Agudos "Parmenio Piñero", Buenos Aires, Argentina.	Summer Practice-Clinics and Semiology	February 2014 - March 2014

Institution	Specialty	Period
Hospital Interzonal General Agudos "Dr. Pedro Fiorito", Buenos Aires, Argentina.	Summer Practice-Clinics and Semiology	February 2015 - March 2015
Hospital Municipal "Dr Bernardo Houssay", Buenos Aires, Argentina.	Gynecology	March 2015 - May 2015
Hospital General de Agudos "Dr. Ignacio Pirovano", Buenos Aires, Argentina.	Obstetric	May 2015 - July 2015
Hospital General de Agudos "Dr. Juan A. Fernández", Buenos Aires, Argentina.	Surgery	July 2015 - September 2015
Fundación Favalaro-Hospital Universitario, Buenos Aires, Argentina.	Clinics and Semiology	September 2015 - November 2015
Fundación Favalaro-Hospital Universitario, Buenos Aires, Argentina.	Summer Practice-Clinics and Semiology	February 2016 - March 2016
Hospital General de Agudos "Carlos G. Durand", Buenos Aires, Argentina.	Hematology	March 2016 - April 2016
Hospital Español de Buenos Aires, Buenos Aires, Argentina.	Rheumatology	April 2016 - May 2016
Hospital "Dr. Jose T. Borda", Buenos Aires, Argentina.	Psychiatry	May 2016 - June 2016
Hospital General de Agudos Dr. Teodoro Álvarez, Buenos Aires, Argentina	Family Medicine	June 2016 - July 2016
Hospital Italiano de Buenos Aires, Buenos Aires, Argentina.	Imaging Methods	July 2016 - August 2016
Hospital de Oftalmología Santa Lucía, Buenos Aires, Argentina.	Ophthalmology	August 2016 - September 2016
Hospital General de Agudos Ramos Mejía, Buenos Aires, Argentina.	Dermatology	September 2016 - October 2016
Hospital General de Agudos Santojanni, Buenos Aires, Argentina.	Infectious Diseases	October 2016 - November 2016
Hospital de Torax "Dr Antonio Centrángolo", Buenos Aires, Argentina.	Pulmonology	November 2016 – December 2016
Hospital General de Agudos "Dr. Cosme Argerich", Buenos Aires, Argentina.	Volunteer - Clinics and Semiology (external rotation)	October 2016 - November 2016

Institution	Specialty	Period
Memorial Sloan Kettering Center, New York, New York, United States.	Volunteer - Anesthesiology Rotation Hands-on (external rotation)	January 2017 - February 2017
Hospital Interzonal de Ezeiza, Buenos Aires, Argentina.	Gynecology and Obstetrics	March 2017 - May 2017
Hospital Interzonal Anatuya,- Santiago del Estero, Argentina.	Rural Rotation, with Clinical Practice.	May 2017 - July 2017
Hospital Italiano de Buenos Aires, Buenos Aires, Argentina.	Anesthesiology Rotation.	July 2017 - September 2017
Fundación Favaloro- Hospital Universitario, Buenos Aires, Argentina.	Anesthesiology Rotation.	October 2017 - November 2017

### 3. Post-Doctoral Training

Title	Institution Name and Location	Dates Held
Residency, Anesthesiology and Critical Care Medicine	Hospital Evita Pueblo, Berazategui, Buenos Aires Province, Argentina. University degree in Anesthesiology at the University of Buenos Aires (Universidad de Buenos Aires -UBA-).	2018 - 2022/2023
Research Fellowship in Anesthesiology	MetroHealth System, Cleveland, Ohio, United States.	January 2024 - Current

## C. ACADEMIC

### 1. Appointments

Title	Institution Name and Location	Dates
Clinical Member	Hospital General de Pacheco. Magdalena V. de Martínez, Ministerio de Salud, Provincia de Buenos Aires, Argentina.	2022 - 2023
Clinical Member	Hospital Z. G. A . D. Evita Pueblo de Berazategui, Ministerio de Salud, Provincia de Buenos Aires, Argentina	2021 - 2023
Assistant Member	Young Anesthesiologists Subcommittee Association of Anesthesia, Analgesia, and Resuscitation of Buenos Aires (Subcomisión de Jóvenes Anestesiólogos at Association of Anesthesia, Analgesia and Resuscitation of Buenos Aires -AAARBA-).	2018 - 2022
Research Fellow	MetroHealth System, Cleveland, Ohio, United States.	1/2024 - current

### 2. Activities

Title	Dates
BLS, ACLS, PALS recertification (Cleveland, Ohio, United States).	September, 2024
Case Western Reserve University- Continuing Research Education Credit (CREC) Program. Human Research - Group 1. Biomedical Research Faculty, Staff, and Students; CITI Good Clinical Practice - GCP for Clinical Investigations of Drugs and Devices; CITI Health Information Privacy and Security (HIPS) for Clinical Investigators (Cleveland, Ohio, United States).	January, 2024
Course ethics and good clinical research practices. National Ministry of Health, Argentina (Buenos Aires, Argentina).	December, 2019
Seminar on "Advanced Life Support" (ACLS). 16hs Theoretical and practical. Association of Analgesia, Anesthesia and Resuscitation of Buenos Aires (Buenos Aires, Argentina).	May, 2019
NYS Infection Control Mandated Training. 4 hs. The New York State Nurses Association (New York, EEUU).	January, 2017
Campus Virtual Intramed. Educacion Medica Continua. Arritmias Cardiacas (Buenos Aires, Argentina).	September, 2017

### 3. Conferences attended

Title	Dates
23rd Annual Pain Medicine Meeting, Las Vegas, Nevada, US.	November, 2024
III Euro Anesthesiology and Critical Care Congress, London, United Kingdom.	October, 2024
Anesthesiology 2024, Philadelphia, Pennsylvania, US.	October, 2024
Research Day 2024, MetroHealth, Cleveland, Ohio, US.	October, 2024
Chester Scholar Program Presentation at MetroHealth, Cleveland, Ohio, US.	August, 2024
2024 ACS Quality & Safety Event, Denver, Colorado, US.	July, 2024
Alfred C. Pinchak, MD, PhD Research Symposium at MetroHealth, Cleveland, Ohio, US.	March, 2024
33th Latin American Congress of Anesthesia CLASA Argentina 2019. Buenos Aires, Argentina.	September, 2019

Title	Dates
9th International Congress on Controversies in Obstetrics and Gynecology (A.A.C.O.G.). Buenos Aires, Argentina.	August, 2017
7th Argentine Congress on Arrhythmias. Buenos Aires, Argentina.	November, 2017
CAEM 2017 17th Argentine Congress on Medical Education. Buenos Aires, Argentina.	August, 2017
ICBA 2017 Pre-Congress Symposium. Buenos Aires, Argentina.	October, 2017

#### 4. Presentations

Type	Name	Place	Dates
Poster PRESENTER	Stimulation of the Entire Erector Spinae vs Lumbar Multifidus Muscle for the Treatment of Low Back Pain: A Case Series	23rd Annual Pain Medicine Meeting, Las Vegas, Nevada, US.	November, 2024.
Poster PRESENTER	Stimulation of the Entire Erector Spinae vs Lumbar Multifidus Muscle for the Treatment of Low Back Pain: A Case Series	23rd Annual Pain Medicine Meeting, Las Vegas, Nevada, US.	November, 2024.
Oral PRESENTER	Cesarean Classification System	Euro Anesthesiology Congress. London, United Kingdom.	October, 2024
Poster PRESENTER	Improving On-Time Surgical Starts Through a Perioperative Stop and Huddle	Euro Anesthesiology Congress. London, United Kingdom.	October, 2024
Poster PRESENTER	Optimizing Cefazolin Use for Surgical Antimicrobial Prophylaxis in Beta-Lactam Allergic Patients: A Multidisciplinary Quality Improvement Project	Euro Anesthesiology Congress. London, United Kingdom.	October, 2024
Poster PRESENTER	Race but not English language fluency is associated with increased risk of pre-medication with midazolam in pediatric patients	Euro Anesthesiology Congress. London, United Kingdom.	October, 2024

Type	Name	Place	Dates
Poster PRESENTER	Anesthetic Considerations for Dental Procedures in a Patient with Autism and a 100 BMI: A Case Report	Anesthesiology 2024. Philadelphia, Pennsylvania, US.	October, 2024.
Poster PRESENTER	Stimulation of the Entire Erector Spinae vs Lumbar Multifidus Muscle for the Treatment of Low Back Pain: A Case Series	Research Week Conferences. MetroHealth, Cleveland, Ohio, US.	September, 2024.
e-Poster PRESENTATION	“Peripheral Cluneal Nerve Stimulation for Intractable Low Back Pain: A Case Series of 6 Patients”	European Society of Regional Anaesthesia and Pain Therapy (ESRA), 2024. Prague, Czech Republic.	September, 2024
e-Poster PRESENTATION	Peripheral Nerve Stimulation in Whiplash Injury; Case Report	European Society of Regional Anaesthesia and Pain Therapy (ESRA), 2024. Prague, Czech Republic.	September, 2024
Poster PRESENTATION	Effective Anesthetic Management Using Continuous Spinal Anesthesia in a High-Risk Patient: A Case Report	5th Edition of Global Conference on Surgery and Anesthesia. Madrid, Spain.	September, 2024
Oral PRESENTER	Dexamethasone Quality Initiative	2024 ACS Quality & Safety Event Posters. Denver, Colorado, US.	July, 2024
Poster PRESENTER	Dexamethasone Quality Initiative	2024 ACS Quality & Safety Event Posters. Denver, Colorado, US.	July, 2024
e-Poster PRESENTATION	“Peripheral Cluneal Nerve Stimulation for Intractable Low Back Pain: A Case Series of 6 Patients”	ASPN 2024 Annual Conference in Miami, Florida, US.	July, 2024
e-Poster PRESENTATION	Peripheral Nerve Stimulation in Whiplash Injury; Case Report	ASPN 2024 Annual Conference in Miami, Florida, US.	July, 2024
Oral PRESENTER	“Peripheral Cluneal Nerve Stimulation for Intractable Low Back Pain: A Case Series of 6 Patients”	Alfred C. Pinchak, MD, PhD Research Symposium at MetroHealth, Cleveland, Ohio, US.	March, 2024
Poster PRESENTER	Postoperative Note Compliance - A Qualitative Improvement Project	Glick Conference Center for the Patient Safety Week Contest. Cleveland, Ohio, US.	March, 2024

Type	Name	Place	Dates
Oral PRESENTER	“Assessment of the knowledge of the population in Pediatric cardiopulmonary resuscitation”.	Provincial Congress in Mar del Plata. Buenos Aires, Argentina.	April 2022
Oral PRESENTER	Award for the work: “Assessment of the knowledge of the population in Pediatric cardiopulmonary resuscitation	Scientific and Management Conference. 27th Anniversary. Evita Pueblo de Berazategui Hospital. Buenos Aires, Argentina.	November 2021
Poster PRESENTER	Smoking: Prevention, promotion and education for children's health.	Fundación Favalaro-Hospital Universitario. Buenos Aires, Argentina.	June 2017
Poster PRESENTER	Chagas Disease: The lack of knowledge as a disease factor.	National Public Authorities of Santiago del Estero Anatuya. Santiago del Estero, Argentina.	June 2017

#### D. PROFESSIONAL APPOINTMENTS

Title	Institution Name and Location	Dates
Attending anesthesiologist	Hospital General de Pacheco. Magdalena V. de Martínez, Ministerio de Salud, Provincia de Buenos Aires, Argentina.	2022 - 2023
Attending anesthesiologist	Hospital Z. G. A . D. Evita Pueblo de Berazategui, Ministerio de Salud, Provincia de Buenos Aires, Argentina.	2022 - 2023
Attending anesthesiologist	Sanatorio Modelo de Caseros, Provincia de Buenos Aires, Argentina.	2022 - 2023
Attending anesthesiologist	Sagrado Corazón Sanatorio de Alta Complejidad (OSECAC), Ciudad Autónoma de Buenos Aires, Argentina.	2022 - 2023
Attending anesthesiologist	Instituto Argentino De Diagnóstico y Tratamiento S.A, De los Arcos Sanatorium (Swiss Medical), Otamendi Sanatorium, Finochietto Sanatorium, Agote Sanatorium. Buenos Aires, Argentina.	2022 - 2023

#### E. EMPLOYMENT STATUS

Name of the Employer	MetroHealth Medical Center, Department of Anesthesiology
Employment Status	Full-Time

F. INSTITUTIONAL/HOSPITAL AFFILIATION

Primary Hospital Affiliation	MetroHealth Medical System
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G. ADDITIONAL CAREER DEVELOPMENT

Leadership Development

Title	Dates
Manuscript Committee: Member. Responsible for tracking all pending department manuscripts and serving as a resource to those in the manuscript submission process. Resources: reviewing/editing papers and helping more junior faculty with the submission process. Cleveland, Ohio, US.	2024 - 2025
Toastmaster: Member. Active online participation in public speaking practice sessions.	2024-Actual

H. CERTIFICATION & LICENSURE

Board Certification

Full Name of Board	Certificate #	Dates of Certification – Start and End Dates
Argentine Federation of Anesthesiology - Association of Anesthesia, Analgesia, and Resuscitation of Buenos Aires. (Federacion Argentina de Anestesiologia - Asociacion de Anestesia, Analgesia y Reanimacion de la Ciudad de Buenos Aires -AAARBA- ). Buenos Aires, Argentina.	3731	July 2023 - July 2033

Licensure

Type	Number	Dates of Issue	Dates of Last Registration
National Registration	164.739	12/2017	August, 2026
Provincial Registration	234.335	04/2018	July, 2026

USMLE

USMLE - STEP	STATUS
Step 1	PASS
Step 2	243



Step 3	207
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I. MEMBERSHIP IN PROFESSIONAL SOCIETIES

Role	Name of the Society	Dates
Member	Buenos Aires Anesthesia Analgesia, and Resuscitation Association, (Asociacion de Anestesia, Analgesia y Reanimacion de la Ciudad de Buenos Aires -AAARBA-). Buenos Aires, Argentina.	July 2018 - July 2024
Member	Medical Association No. II of the Province of Buenos Aires (Colegio de Medicos Numero II de la Provincia de Buenos Aires). Buenos Aires, Argentina.	July 2018 - July 2023

J. PROFESSIONAL SERVICES

Title	Dates
Reviewer Cureus the Journal of Medical Science	2024-Actual
Reviewer Ochsner Journal	2024-Actual

K. COMMITTEE SERVICE

Title	Dates
Manuscript Committee - Anesthesiology and Pain Management Department MetroHealth. Cleveland, Ohio, US.	2024 - 2025

L. HONORS AND AWARDS

Title	Dates
Provincial Congress in Mar del Plata. 1st place in Resident Category. "Assessment of the knowledge of the population in Pediatric cardiopulmonary resuscitation". Buenos Aires, Argentina.	April, 2022
Award for the work: "Assessment of the knowledge of the population in Pediatric cardiopulmonary resuscitation". Scientific and Management Conference. 27th Anniversary. Evita Pueblo de Berazategui Hospital. Buenos Aires, Argentina.	November, 2021
Valedictorian and Honors Diploma, Universidad de Favaloro of Medicine. Buenos Aires, Argentina.	December, 2017
Incentive to Young Professional in the area of Health. Granted by Fundación de Estudios para la Salud y Responsabilidad Social (FESS). Chagas disease: lack of knowledge as a risk factor. Amount: 2500\$. Buenos Aires, Argentina.	October, 2017

M. TEACHING ACTIVITIES

1. Mentorship

Supervisor - Anesthesiology residents at Association of Anesthesia, Analgesia and Resuscitation of Buenos Aires. Group of Young Professional Anesthesiologists. Buenos Aires, Argentina.	2019 - 2022
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N. RESEARCH/GRANT SUPPORT

1. **Studies/Protocols**

- Optimizing the Use of Ketamine to Reduce Chronic Postsurgical Pain (NIH grant-funded study).  
Date: 2024.  
PI Name: Dr. Jing Wang and Dr. Lisa Doan (New York University Langone Health).  
Responsible for patient follow-up surveys, documentation, and data collection in the database (REDCap).
- Tight perioperative blood pressure management to reduce serious cardiovascular, renal, and cognitive complications The GUARDIAN trial. Date: 2024.  
PI Name: Dr. Daniel I. Sessler (Cleveland Clinic).  
Role and responsibilities: Multicenter Study. Responsible for patient follow-up surveys (blinded-arm), documentation, and data collection in the database (REDCap).
- Actualization of MetroHealth ERAS protocol on clinical guidelines (ERAS-QI). Date: 2024  
Authors: Dr. Mariam Ibrahim<sup>1</sup>, Nicolas M. Mas D Alessandro<sup>1</sup>  
Affiliations: MetroHealth System<sup>1</sup>  
Role and Responsibilities: Participated in meetings to define the project and determine the study approach and served as the coordinator.
- Patient Satisfaction with Perioperative Care at MetroHealth. Date: 2024  
Authors: Nicolas M. Mas D Alessandro<sup>1</sup>  
Affiliations: MetroHealth System<sup>1</sup>  
Role and responsibilities: Conducted literature review, participated in meetings to define the project and determine the study approach and served as the coordinator.

- Hypo-magnesium and Post-operative Outcomes. Date: 2024  
 Authors: Nicolas M. Mas D Alessandro<sup>1</sup>, Maninder Singh<sup>1</sup>  
 Affiliations: MetroHealth System<sup>1</sup>  
 Role and responsibilities: Conducted literature review, participated in meetings to define the project and determine the study approach and served as the coordinator.
- Surgery Duration and Surgical Site Infection. Date: 2024  
 Authors: Nicolas M. Mas D Alessandro<sup>1</sup>, Maninder Singh<sup>1</sup>  
 Affiliations: MetroHealth System<sup>1</sup>  
 Role and responsibilities: Conducted literature review, participated in meetings to define the project and determine the study approach and served as the coordinator.
- Survey to the General Population about Knowledge of CPR. Date: 2024  
 Authors: Nicolas M. Mas D Alessandro<sup>1</sup>, Maninder Singh<sup>1</sup>  
 Affiliations: MetroHealth System<sup>1</sup>  
 Role and responsibilities: Literature review, meeting to define the project and decide how to face this study, coordinator.
- How HARD STOP affects the MetroHealth billing process (based on Postoperative note compliance). Date: 2024  
 Authors: Nicolas M. Mas D Alessandro<sup>1</sup>, Jonathan Alter<sup>1</sup>, Luis Tollinche<sup>1</sup>, Maninder Singh<sup>1</sup>  
 Affiliations: MetroHealth System<sup>1</sup>  
 Role and responsibilities: Conducted literature review, participated in meetings to define the project and determine the study approach and served as the coordinator.

## 2. On-Going Writing

- Book Chapter: Inpatient Pain Management (Subacute and Chronic Inpatient Pain): Regional Analgesia Techniques: Details the application of regional analgesia in postoperative pain management. Date: 2024  
 Authors: Justin Jones<sup>1</sup>, Husien Taleb<sup>2</sup>, Nicolas M. Mas D Alessandro<sup>1</sup>  
 Affiliations: MetroHealth System<sup>1</sup>; Cleveland Clinic <sup>2</sup>  
 Role and Responsibilities: Writing, reviewing, and manuscript edition.

- Stimulation of the Entire Erector Spinae vs Lumbar Multifidus Muscle for the Treatment of Low Back Pain: A Case Series. Date: 2024  
 Authors: Nicolas M. Mas D Alessandro<sup>1</sup>, Faria Nisar<sup>1</sup>, Hesham Elsharkawy<sup>1</sup>  
 Affiliations: MetroHealth System<sup>1</sup>  
 Role and Responsibilities: Writing, reviewing, and manuscript edition.
- Case Report: Malignant Hyperthermia. Date: 2024  
 Authors: Nicolas M. Mas D Alessandro<sup>1</sup>, Mariam Ibrahim<sup>1</sup>, Faria Nisar<sup>1</sup>, Luis Tollinche<sup>1</sup>  
 Affiliations: MetroHealth System<sup>1</sup>  
 Role and Responsibilities: Writing, reviewing, and manuscript edition.
- Costoclavicular Approach to the Infraclavicular Brachial Plexus for Peripheral Nerve Stimulation in Treating Refractory Chronic Regional Pain Syndrome. Date: 2024  
 Authors: Emma Fu<sup>1</sup>, Chase Bael<sup>1</sup>, Marianne Tanios<sup>1</sup>, Hesham Elsharkawy<sup>1</sup>  
 Affiliations: MetroHealth System<sup>1</sup>  
 Role and Responsibilities: Following up on study and writing.
- Orthopedic Trauma Outcomes (OTO). Date: 2024  
 Authors: Sarah Park<sup>1</sup>, Nicolas M. Mas D Alessandro<sup>1</sup>, Faria Nisar<sup>1</sup>, Maninder Singh<sup>1</sup>  
 Affiliations: MetroHealth System<sup>1</sup>  
 Role and Responsibilities: Writing discussion and manuscript reviewing.
- Transcatheter Aortic Valve Replacement (TAVR) Outcomes. Date: 2024  
 Authors: Faria Nisar<sup>1</sup>, Nicolas M. Mas D Alessandro<sup>1</sup>, Alex Estright<sup>1</sup>, Maninder Singh<sup>1</sup>  
 Affiliations: MetroHealth System<sup>1</sup>  
 Role and Responsibilities: Writing the introduction section and manuscript reviewing.
- The Use of Peripheral Nerve Stimulation of Upper Brachial Plexus in Treating Chronic Refractory Pain: “Case Series” , Date: 2024  
 Authors: Faria Nisar<sup>1</sup>, Nicolas M. Mas D Alessandro<sup>1</sup>, Hesham Elsharkawy<sup>1</sup>  
 Affiliations: MetroHealth System<sup>1</sup>  
 Role and Responsibilities: Manuscript edition.

- Utilizing Peripheral Nerve Stimulation for Occipital Neuropathy: “Case Series”. Date: 2024  
 Authors: Faria Nisar<sup>1</sup>, Nicolas M. Mas D Alessandro<sup>1</sup>, Hesham Elsharkawy<sup>1</sup>  
 Affiliations: MetroHealth System<sup>1</sup>  
 Role and Responsibilities: Writing, reviewing, and manuscript edition.
- The Use of Peripheral Nerve Stimulation of Lumbar Multifidus dorsal branch: Literature Review.  
 Date: 2024  
 Authors: Nicolas M. Mas D Alessandro<sup>1</sup>, Faria Nisar<sup>1</sup>, Hesham Elsharkawy<sup>1</sup>  
 Affiliations: MetroHealth System<sup>1</sup>  
 Role and Responsibilities: Writing, reviewing, and manuscript edition.
- Book Chapter: Problem Based Learning Discussion: Ambulatory anesthetic management of gender affirmation surgery patients: who, what, where, why? Date: 2024  
 Authors: Nicolas M. Mas D Alessandro<sup>1</sup>, Kelly Lebak<sup>1</sup>  
 Affiliations: MetroHealth System<sup>1</sup>  
 Role and Responsibilities: Writing, reviewing, and bookchapter edition.
- Preoperative Identification of Patient-Dependent Blood Pressure Targets Associated With Low Risk of Intraoperative Hypotension During Noncardiac Surgery (IOH – MAP). Date: 2024  
 PI Name: Nicolas M. Mas D Alessandro<sup>1</sup>, Samantha Pope<sup>1</sup>, Faria Nisar<sup>1</sup>, Michael Schnetz<sup>1</sup>, Luis Tollinche<sup>1</sup>  
 Affiliations: MetroHealth System<sup>1</sup>  
 Role and Responsibilities: Multicenter Study. Writing, collaborating with data analysis.
- Intrathecal Catheter-Case Report. Date: 2024  
 Authors: Nicolas M. Mas D Alessandro<sup>1</sup>, Justin Jones<sup>1</sup>  
 Affiliations: MetroHealth System<sup>1</sup>  
 Role and Responsibilities: Writing, reviewing, and manuscript edition.
- Persistent Intercostal Neuropathic Pain Treated with Bilateral Dorsal Root Ganglion Peripheral Nerve Stimulation: A Case report. Date: 2024  
 Authors: Nicolas M. Mas D Alessandro<sup>1</sup>, Faria Nisar<sup>1</sup>, Hesham Elsharkawy<sup>1</sup>.  
 Affiliations: MetroHealth System<sup>1</sup>

Role and Responsibilities: Writing, reviewing, and manuscript edition.

- Exploring Women's Leadership Equity in Anesthesiology: Trends Among Principal Investigators in Clinical Trials. Date: 2024  
Authors: Amir H. Karimi<sup>1</sup>, Faria Nisar<sup>1</sup>, Nicolas M. Mas D Alessandro<sup>1</sup>, Luis Tollinche<sup>1</sup>  
Affiliations: MetroHealth System<sup>1</sup>  
Role and Responsibilities: References, review manuscript, and edition.
- Case Report: Euglycemic DKA. Date: 2024  
Authors: Faria Nisar<sup>1</sup>, Nicolas M. Mas D Alessandro<sup>1</sup>, Shivangi Mohta<sup>1</sup>, Emma Fu<sup>1</sup>.  
Affiliations: MetroHealth System<sup>1</sup>  
Role and Responsibilities: Significant contribution to case summary and manuscript edition.
- Anesthetic Considerations for Dental Procedures in a Patient with Autism and a 100 BMI: A Case Report  
Authors: Nicolas M. Mas D Alessandro<sup>1</sup>, Vipul Dhumak<sup>1</sup>  
Affiliations: MetroHealth System<sup>1</sup>  
Role and Responsibilities: Writing, reviewing, and manuscript edition.
- Peripheral Superior Cluneal Nerve Stimulation for Intractable Low Back Pain: Combined Fluoroscopy and Ultrasound Technique. Literature Review. Date: 2024  
Authors: Nicolas M. Mas D Alessandro<sup>1</sup>, Faria Nisar<sup>1</sup>, Hesham Elsharkawy<sup>1</sup>  
Affiliations: MetroHealth System<sup>1</sup>  
Role and Responsibilities: Writing, reviewing, and manuscript edition.
- Anesthetic Management for Surgery of a Laryngeal Cyst: A Case Report. Date: 2024  
Authors: Nicolas M. Mas D Alessandro<sup>1</sup>, Kely Lebak<sup>1</sup>  
Affiliations: MetroHealth System<sup>1</sup>  
Role and Responsibilities: Writing, reviewing, and manuscript edition.
- Anesthetic Management Of Empty Nose Syndrome At An Ambulatory Surgery Center  
Authors: Jack Schnur<sup>1</sup>, Nicolas M. Mas D Alessandro<sup>1</sup>, Adrienne Gomez<sup>1</sup>, Kely Lebak<sup>1</sup>  
Affiliations: MetroHealth System<sup>1</sup>  
Role and Responsibilities: Writing, reviewing, and manuscript edition.

### 3. Reviewing for resubmitting/publication

- Peripheral Superior Cluneal Nerve Stimulation for Intractable Low Back Pain: Combined Fluoroscopy and Ultrasound Technique, A Case Series  
Authors: Nicolas M. Mas D Alessandro<sup>1</sup>, Faria Nisar<sup>1</sup>, Hesham Elsharkawy<sup>1</sup>  
Affiliations: MetroHealth System<sup>1</sup>  
Role and Responsibilities: Writing, reviewing, and manuscript edition.  
Journal: Cureus Journal
- Race but not English language fluency is associated with increased risk of pre-medication with midazolam in pediatric patients (Pediatric Versed)  
Authors: Asad Khawaja<sup>1</sup>, Vivian Paredes-Bhushan<sup>1</sup>, Samantha Pope<sup>1</sup>, Michael Platten<sup>1</sup>, Nicolas Mario Mas D Alessandro<sup>1</sup>, Marianne Tanios<sup>1</sup>, Hannah Hill<sup>1</sup>, Luis Tollinche<sup>1</sup>, Jonathan Alter<sup>1</sup>.  
Affiliations: MetroHealth System<sup>1</sup>  
Role and Responsibilities: Reviewing and manuscript edition.  
Journal: British Journal of Anaesthesia

### 4. Submitted for Publication

- Postoperative Note Compliance. Date 2024  
Authors: Jonathan Alter<sup>1</sup>, Nicolas M. Mas D Alessandro<sup>1</sup>, Marianne Tanios<sup>1</sup>, Samantha Pope<sup>1</sup>, Michael Platten<sup>1</sup>, Luis Tollinche<sup>1</sup>.  
Affiliations: MetroHealth System<sup>1</sup>  
Role and Responsibilities: Writing, reviewing, and manuscript edition.  
Journal: Perioperative Care and Operating Room Management
- Peripheral Nerve Stimulation Implant for Chronic Post-Traumatic Hip and Pelvic Pain: A Case Report. Date: 2024  
Authors: Hesham Elsharkawy<sup>1</sup>, Marianne Tanios<sup>1</sup>, Nicolas M. Mas D Alessandro<sup>1</sup>, Emma Fu<sup>1</sup>

Affiliations: MetroHealth System<sup>1</sup>

Role and Responsibilities: Following up on study and writing.

- Cesarean Section Classification System. Date: 2024  
Authors: Mathew Sikora<sup>1</sup>, Alex Stright<sup>1</sup>, Nicolas M. Mas D Alessandro<sup>1</sup>, Luis Tollinche <sup>1</sup>  
Affiliations: MetroHealth System<sup>1</sup>  
Role and Responsibilities: Manuscript edition.  
Journal: American Journal of Obstetrics & Gynecology MFM
- Anxiety Assessment Education for the Preoperative Nurse QI  
Authors: Kathryn Anzalone<sup>1</sup>, Allison Ohliger<sup>1</sup>, Marianne Tanios<sup>1</sup>, Hannah Hill<sup>1</sup>, Nicolas M. Mas D Alessandro<sup>1</sup>, Luis Tollinche<sup>1</sup>  
Affiliations: MetroHealth System<sup>1</sup>  
Role and Responsibilities: Reviewing and manuscript edition.  
Journal: PeriAnesthesia Nursing
- Book Chapter State of the Art Management of Median Arcuate Ligament Syndrome  
Authors: Michael Platten<sup>1</sup>, Vipul Dhumak<sup>1</sup>, Maninder Singh<sup>1</sup>, Nicolas M. Mas D Alessandro<sup>1</sup>, Luis Tollinche<sup>1</sup>  
Affiliations: MetroHealth System<sup>1</sup>  
Role and Responsibilities: Following up study, significant contribution to introduction.  
Journal: Springer Nature.
- Peripheral Nerve Stimulation in Whiplash Injury: “Case Report”  
Authors: Faria Nisar<sup>1</sup>, Nicolas M. Mas D Alessandro<sup>1</sup>, Hesham Elsharkawy<sup>1</sup>  
Affiliations: MetroHealth System<sup>1</sup>  
Role and Responsibilities: Significant contribution to the discussion section and reviewing.  
Journal: Neuromodulation Journal.
- Mechanical Needle Guidance for Ultrasound-Guided Parasagittal Oblique In-Plane Paravertebral Blocks: A Cadaveric Study. Date: 2024  
PI: Hesham Elsharkawy<sup>1,2</sup>



Affiliations: Pain and Healing Center, MetroHealth, Professor of Anesthesiology at Case Western University, Cleveland, OH, USA<sup>1</sup>  
Department of Outcomes Research, Anesthesiology Institute, Cleveland Clinic, Cleveland, OH, USA<sup>2</sup>  
Role and responsibilities: Manuscript addition and submission.  
Journal: Journal of Anesthesia

- Euglycemic Diabetic Ketoacidosis Complicating Postsurgical Recovery in a Patient with Multiple Comorbidities: A Case Report  
Authors: Amir Karimi<sup>1</sup>, Faria Nisar<sup>1</sup>, Nicolas Mas D Alessandro<sup>1</sup>, Emma Fu<sup>1</sup>  
Affiliations: Pain and Healing Center, MetroHealth, Professor of Anesthesiology at Case Western University, Cleveland, OH, USA<sup>1</sup>  
Role and Responsibilities: Significant contribution to reviewing.
- Insurance-Driven Disparities in Surgical Recover: Orthopedic Trauma Outcomes  
Authors: Sarah Park, Nicolas Mas D Alessandro, Faria Nisar, Samantha Pope, Maninder Singh  
Affiliations: Pain and Healing Center, MetroHealth, Professor of Anesthesiology at Case Western University, Cleveland, OH, USA<sup>1</sup>  
Role and Responsibilities: Writing discussion and manuscript reviewing.
- Efficacy of Peripheral Nerve Stimulation I Refractory Occipital Pain: Case Series  
Authors: Faria Nisar<sup>1</sup>, Nicolas M. Mas D Alessandro<sup>1</sup>, Shaarav Ghoose<sup>1</sup>, Hesham Elsharkawy<sup>1</sup>  
Affiliations: MetroHealth System<sup>1</sup>  
Role and Responsibilities: Significant contribution to the discussion section and reviewing.  
Journal: Neuromodulation Journal.

## 5. Published

- Evaluación del conocimiento de la población en reanimación cardiopulmonar pediátrica  
Authors: Evelina Faraone, Nicolas M. Mas D Alessandro<sup>1</sup>, Miloro Florencia.  
Affiliations: MetroHealth System<sup>1</sup>  
Role and Responsibilities: Author  
Journal: Revista Chilena de Anestesiología.  
<https://doi.org/10.25237/revchilanestv53n3-11>

- Enfermedad de Chagas: Desconocimiento como factor de riesgo (Peer-reviewed (pre-print)  
 Authors: Nicolas M. Mas D Alessandro<sup>1</sup>, Hernan Blaisten, Julian Fernandez Boccazzi, Cristian Ferrufino.  
 Affiliations: MetroHealth System<sup>1</sup>  
 Role and Responsibilities: Author  
 Journal: The preprint server for Health Sciences. MedRxiv  
<https://doi.org/10.1101/2024.04.09.24301992>
- Enfermedad de Chagas: Desconocimiento como factor de riesgo (Peer-reviewed)  
 Authors: Nicolas M. Mas D Alessandro<sup>1</sup>, Hernan Blaisten, Julian Fernandez Boccazzi, Cristian Ferrufino.  
 Affiliations: MetroHealth System<sup>1</sup>  
 Role and Responsibilities: Author  
 Journal: Revista Latinoamericana de Parasitologia.  
 Published: August 2024
- PNS Case Report – Greater Trochanteric  
 Authors: Andrew Olsen<sup>1</sup>, Nicolas M. Mas D Alessandro<sup>1</sup>, Marianne Tanios<sup>1</sup>, Hesham Elsharkawy<sup>1</sup>  
 Affiliations: MetroHealth System<sup>1</sup>  
 Role and Responsibilities: Writing, reviewing, and manuscript edition.  
 Journal: Ochsner Journal.

## 6. Submitted for conferences

## 7. Accepted to Conferences

- Stimulation of the Entire Erector Spinae vs Lumbar Multifidus Muscle for the Treatment of Low Back Pain: A Case Series. Infographics  
 Authors: Nicolas M. Mas D Alessandro<sup>1</sup>, Faria Nisar<sup>1</sup>, Hannah Hill<sup>1</sup>, Samantha Pope<sup>1</sup>, Hesham Elsharkawy<sup>1</sup>.  
 Affiliations: MetroHealth System<sup>1</sup>  
 Status: Abstract for ASPN

- Effective Anesthetic Management Using Continuous Spinal Anesthesia in a High-Risk Patient: A Case Report. Date: 2024  
 Authors: Nicolas M. Mas D Alessandro<sup>1</sup>, Justin Jones<sup>1</sup>  
 Affiliations: MetroHealth System<sup>1</sup>  
 Status: Abstract for ASPN.
- C-Section Classification System. APGAR. Date: 2024  
 Authors: Mathew Sikora<sup>1</sup>, Alex Stright<sup>1</sup>, Nicolas M. Mas D Alessandro<sup>1</sup>, Luis Tollinche <sup>1</sup>  
 Affiliations: MetroHealth System<sup>1</sup>  
 Status: Oral presentation at III Euro Anesthesiology. London  
 Role and Responsibilities: Manuscript edition, author.
- Improving On-Time Surgical Starts Through a Perioperative Stop and Huddle  
 Authors: Nicolas Mario Mas D Alessandro<sup>1</sup>, Faria Nisar<sup>1</sup>, Jonathan A. Alter<sup>1</sup>, Michael Platten<sup>1</sup>, David C Kaelber<sup>1</sup>, Michael Leeds<sup>1</sup>, Alex Estright<sup>1</sup>, Hannah Hill<sup>1</sup>, Luis Tollinche<sup>1</sup>  
 Affiliations: MetroHealth System<sup>1</sup>  
 Status: Poster at III Euro Anesthesiology. London  
 Role and Responsibilities: Presenter.
- Optimizing Cefazolin Use for Surgical Antimicrobial Prophylaxis in Beta-Lactam Allergic Patients: A Multidisciplinary Quality Improvement Project  
 Authors: Nicolas M. Mas D Alessandro<sup>1</sup>, Fouseena Pazheri<sup>1</sup>, Michelle Hecker<sup>1</sup>, Hannah Hill<sup>1</sup>, Alex Estright<sup>1</sup>, Kathleen Glaser<sup>1</sup>, Michael Platten<sup>1</sup>, Samantha Pope<sup>1</sup>, Andrea Son<sup>1</sup>, Marcos Izquierdo<sup>1</sup>, Luis Tollinche<sup>1</sup>.  
 Affiliations: MetroHealth System<sup>1</sup>  
 Status: Poster at III Euro Anesthesiology. London  
 Role and Responsibilities: Presenter.
- Race but not English language fluency is associated with increased risk of pre-medication with midazolam in pediatric patients (Pediatric Versed)  
 Authors: Asad Khawaja<sup>1</sup>, Vivian Paredes-Bhushan<sup>1</sup>, Samantha Pope<sup>1</sup>, Michael Platten<sup>1</sup>, Nicolas Mario Mas D Alessandro<sup>1</sup>, Marianne Tanios<sup>1</sup>, Hannah Hill<sup>1</sup>, Luis Tollinche<sup>1</sup>, Jonathan Alter<sup>1</sup>.  
 Affiliations: MetroHealth System<sup>1</sup>  
 Status: Poster at III Euro Anesthesiology. London  
 Role and Responsibilities: Author.

- Anesthetic Considerations for Dental Procedures in a Patient with Autism and a 100 BMI: A Case Report  
 Authors: Nicolas M. Mas D Alessandro<sup>1</sup>, Vipul Dhumak<sup>1</sup>  
 Affiliations: MetroHealth System<sup>1</sup>  
 Status: Poster at Anesthesiology, 2024.  
 Role and Responsibilities: Author, poster creator, and corresponding author.
- Peripheral Superior Cluneal Nerve Stimulation for Intractable Low Back Pain: Combined Fluoroscopy and Ultrasound Technique, A Case Series  
 Authors: Nicolas M. Mas D Alessandro<sup>1</sup>, Faria Nisar<sup>1</sup>, Hesham Elsharkawy<sup>1</sup>  
 Affiliations: MetroHealth System<sup>1</sup>  
 Status: Poster and oral presentation at European Society of Regional Anaesthesia and Pain Therapy (ESRA), 2024. Prague, Czech Republic.  
 Role and Responsibilities: Author and corresponding author.
- Peripheral Nerve Stimulation in Whiplash Injury: “Case Report”  
 Authors: Faria Nisar<sup>1</sup>, Nicolas M. Mas D Alessandro<sup>1</sup>, Hesham Elsharkawy<sup>1</sup>  
 Affiliations: MetroHealth System<sup>1</sup>  
 Status: e-poster at European Society of Regional Anaesthesia and Pain Therapy (ESRA), 2024. Prague, Czech Republic.  
 Role and Responsibilities: Author.
- Peripheral Superior Cluneal Nerve Stimulation for Intractable Low Back Pain: Combined Fluoroscopy and Ultrasound Technique, A Case Series  
 Authors: Nicolas M. Mas D Alessandro<sup>1</sup>, Faria Nisar<sup>1</sup>, Hesham Elsharkawy<sup>1</sup>  
 Affiliations: MetroHealth System<sup>1</sup>  
 Status: e-Poster at American Society of Pain and Neuroscience, Miami 2024. Miami, Florida, US.  
 Role and Responsibilities: Author, poster creator.
- Peripheral Nerve Stimulation in Whiplash Injury: “Case Report”  
 Authors: Faria Nisar<sup>1</sup>, Nicolas M. Mas D Alessandro<sup>1</sup>, Hesham Elsharkawy<sup>1</sup>  
 Affiliations: MetroHealth System<sup>1</sup>  
 Status: e-Poster at American Society of Pain and Neuroscience, Miami 2024. Miami, Florida, US.  
 Role and Responsibilities: Author.

- Effective Anesthetic Management Using Continuous Spinal Anesthesia in a High-Risk Patient: A Case Report. Date: 2024  
 Authors: Nicolas M. Mas D Alessandro<sup>1</sup>, Justin Jones<sup>1</sup>  
 Affiliations: MetroHealth System<sup>1</sup>  
 Status: Poster at Surgery and Anaesthesia. Madrid.  
 Role and Responsibilities: Author.
  
- Standardizing the Dosage and Timing of Dexamethasone for Postoperative Nausea and Vomiting Prophylaxis at a Safety-Net Hospital System  
 Authors: Andrew Yurkonis<sup>1</sup>, Luis E Tollinche<sup>1</sup>, Jonathan Alter<sup>1</sup>, Samantha E. Pope<sup>1</sup>, Peyton Traxler<sup>1</sup>, Hannah Hill<sup>1</sup>, Augusto Torres<sup>1</sup>.  
 Affiliations: MetroHealth System<sup>1</sup>  
 Status: Podium and poster presentation at 2024 Quality and Safety Conference. Denver, Colorado, US.  
 Role and Responsibilities: Poster creator.

## 8. GRANTS

- Library Grant Harold H. Brittingham Memorial Library Grant  
 Status: Rewriting for resubmission.
  
- HEAL Initiative: Development of Therapies and Technologies Directed at Enhanced Pain Management (R41/R42 Clinical Trial Not Allowed)  
 Status: Writing.

## O. ADDITIONAL INFORMATION

1. Volunteer

Title	Dates
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Volunteer in Run for Recovery. Recovery Resources.	2024
Volunteer in the Puerto Rican EXPO in Cleveland Ohio.	2024
Volunteer Rural Physician at the Villa Mailin Our Lady of Miracles Festival, Anatuya, Santiago del Estero, Argentina.	2017
Church-Nuestra Senora del Rosario School. Don Bosco. Villa Regina, Rio Negro, Argentina.	2007-2011

## 2. Personal Achievements/Hobbies

Title	Dates
Purple Belt in Karate demonstrates discipline, commitment, and physical fitness.	2009
Professional Swimmer for Circulo Italiano, Villa Regina, Rio Negro, Argentina. Argentine representative in freestyle, in Giochi della Gioventù, C.O.N.I.	2006 - 2007
Athlete of the year in the city of Villa Regina, Rio Negro, Argentina.	2006