



MAURICIO GARCIA JAQUES

MD
ABA BOARD CERTIFIED IN ANESTHESIOLOGY AND PAIN MEDICINE



EDUCATIONAL:

01/2009 – 05/ 2010 Masters of Public Health
Boston University School of Public Health
Boston, MA

08/2002 – 02/2009 Medical Doctor
Tec de Monterrey (ITESM)

TRAINING (GME)

7/14 – 6/15 Fellowship – Pain Medicine
Anesthesiology and Pain Management
Cleveland Clinic
Cleveland, OH

06/11-07/14 Anesthesiology Residency
Critical Care and Pain Medicine
Beth Israel Deaconess Medical Center
Harvard Medical School
Boston, MA

07/2013 Global Health Management Certificate
Harvard School of Public Health
Boston, Ma

06/10- 07/11 Internship
Internal Medicine
Metrowest Medical Center
Framingham, MA

HONORS

- 2014 Medical Student Teacher of the Year
Harvard Medical School

- 2014 Vascular Anesthesia Award
and Beth Israel Deaconess Medical Center
2013 Boston, MA

- 2012 Best Poster Presentation Award
New England Anesthesia Resident Conference
Burlington, VT

BOARD CERTIFICATION

- 4/23/2015 – 12/31/2025 American Board of Anesthesiology
- 9/19/2015 – 12/31/2025 American Board of Anesthesiology Pain Medicine

LICENSURE INFORMATION:

- Ohio Unrestricted Medical License
- Texas Medical Board Full Medical License

PROFESSIONAL WORK HISTORY AND TEACHING EXPERIENCE:

- 06/16-09/16 Night Float Anesthesiologist
Texans Anesthesia
15 Nights per month on call
Memorial Hermann Hospital System

- 07/15-08/16 Assistant Professor
University of Texas Medical Branch
Department of Anesthesiology and Pain Medicine

- 07/14 – 06/15 Chief Fellow
Department of Anesthesiology and Pain Medicine
Cleveland Clinic
9500 Euclid Avenue
Cleveland, OH 44195

COMMITTEE RESPONSIBILITIES:

- School
2010 – 2011 GME Representative
Transitional Internship

	Metrowest Medical Center Framingham, MA
2005 – 2006	Professional and Ethics Committee Member Tec de Monterrey
2004 – 2005	Vice President Student Government Tec de Monterrey
Departmental 2012 – 2013	Journal Club Representative Anesthesiology Critical Care and Pain Medicine Beth Israel Deaconess Medical Center Boston, MA

TEACHING RESPONSIBILITIES:

Teaching of Students in Courses:

2012-2013 Biostatistics and Statistical Computing
For Harvard Medical Students on Research elective
Beth Israel Deaconess Medical Center

Formal Teaching of Residents, Clinical Fellows and Research Fellows (post-docs):

2011-2014 Anesthesia Skills Work Shop
Students and Junior Residents
Beth Israel Deaconess Medical Center

Clinical Supervisory and Training Responsibilities:

2011-2014 Supervise Medical Students during Anesthesia Clerkship
Beth Israel Deaconess Medical Center

ADDITIONAL INFORMATION

PUBLISHED:

A. ARTICLES IN PEER-REVIEWED JOURNALS

Costandi, S., Garcia-Jacques, M., Dews, T., Kot, M., Wong, K., Azer, G., ... & Mekhail, N. (2015). Optimal Temperature for Radiofrequency Ablation of Lumbar Medial Branches for Treatment of Facet-Mediated Back Pain. *Pain Practice*.

Garcia-Jacques, Mauricio, Mario Montealegre-Gallegos, and Robina Matyal. "Acute Limb Ischemia and Transesophageal Echocardiography: Making a Case." *Journal of cardiothoracic and vascular anesthesia* 28.4 (2014): 1164-1165.

Loring, Stephen H., Mauricio Garcia-Jacques, and Atul Malhotra. "Pulmonary characteristics in COPD and mechanisms of increased work of breathing." *Journal of Applied Physiology* 107 .1 (2009): 309-314.

Research publications acknowledged and named collaborator as a member of the United States Critical Illness and Injury Trials Group: Lung Injury Prevention Study Investigators

Gajic, Ognjen, et al. "Early identification of patients at risk of acute lung injury: evaluation of lung injury prediction score in a multicenter cohort study." *American journal of respiratory and critical care medicine* 183.4 (2011): 462.

Chang, Stefen Y., et al. "Contemporary ventilator management in patients with and at risk of ALI/ARDS." *Respiratory care* 58.4 (2013): 578-588.

Karnatovskaia, Lioudmila V., et al. "The Influence of Prehospital Systemic Corticosteroid Use on Development of Acute Respiratory Distress Syndrome and Hospital Outcomes*." *Critical care medicine* 41.7 (2013): 1679-1685.

Karnatovskaia, Lioudmila V., et al. "Prehospital amiodarone may increase the incidence of acute respiratory distress syndrome among patients at risk." *Journal of critical care* 27.5 (2012): 447-453.

Festic, Emir, et al. "Prehospital Use of Inhaled Corticosteroids and Point Prevalence of Pneumonia at the Time of Hospital Admission: Secondary Analysis of a Multicenter Cohort Study." *Mayo Clinic Proceedings*. Vol. 89. No. 2. Elsevier, 2014.

Festic, Emir, et al. "SpO2/FiO2 Ratio on Hospital Admission Is an Indicator of Early Acute Respiratory Distress Syndrome Development Among Patients at Risk." *Journal of intensive care medicine* (2013): 0885066613516411.

Kor, Daryl J., et al. "Association of pre-hospitalization aspirin therapy and acute lung injury: results of a multi center international observational study of at-risk patients." *Critical care medicine* 39.11 (2011): 2393.

Costandi, S., Garcia-Jacques, M., Dews, T., Kot, M., Wong, K., Azer, G., & Mekhail, N. (2015). Optimal Temperature for Radiofrequency Ablation of Lumbar Medial Branches for Treatment of Facet-Mediated Back Pain. *Pain Practice*.

C. ABSTRACTS

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| 2013 | Calculation of the Cost Effectiveness Threshold of a Highly Desirable Preventive Intervention in Acute Lung Injury
Brigham and Women's Hospital, New England Anesthesia Resident Conference
Best Abstract Presentation Finalist. Oral Presentation. |
| 2012 | Expiratory Abdominal Rounding and its association to Heart Failure Exacerbation, Fletcher Allen Medical Center, Burlington VT. (Best Poster Award) |
| 2012 | Attributable Cost of Developing ARDS, a Matched Comparison of Cases and Controls of Patients at Risk of Acute Lung Injury
Harvard Anesthesia Research Poster Night, Boston MA |
| 2012 | Expiratory Abdominal Rounding and its association to Heart Failure Exacerbation Harvard Anesthesia Research Poster Night, Boston MA. |
| 2011 | |

Expiratory Abdominal Rounding and its association to Heart Failure Exacerbation Harvard Anesthesia Research Poster Night, Boston MA.

International

- 2014 Preoperative White Blood Cell Count Is Strongly Associated With An Increased Risk Of Renal Failure And Mortality Among Patients Undergoing Cardiac Valvular Surgeries. Society of Cardiovascular Anesthesiologists 36¹¹¹ Annual Meeting, New Orleans, LA
- 2014 Correlation between Doppler Indices of Diastolic Dysfunction with Left Atrial Volume In The Perioperative Period. Society of Cardiovascular Anesthesiologists 36¹¹¹ Annual Meeting, New Orleans, LA
- 2013 Attributable Cost of Developing ARDS, a Matched Comparison of Cases and Controls of Patients at Risk of Acute Lung Injury Society of Critical Care Medicine 42¹¹⁴ Critical Care Conference, San Juan, Puerto Rico
- 2012 Hemodynamic and End-Organ Effects of High PEEP Strategy Titrated to Transpulmonary Pressure; American Thoracic Society International Conference, San Francisco, Ca
- 2012 Expiratory Abdominal Rounding and its association to Heart Failure Exacerbation American Thoracic Society International Conference, San Francisco, Ca