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Place of Birth Curitiba - Paraná - Brazil
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Education

01/1980 - 12/1982 B.A., Military School of Curitiba, Curitiba, Paraná, Brazil.
 08-12/1988 Pediatrics and Internal Medicine rotations, Jackson Memorial Hospital, University of Miami, Miami, USA.
 02/1983 – 12/1988 M.D., Faculdade Evangélica de Medicina do Paraná, Curitiba, Paraná, Brazil
 1989 Proficiency in American English, Phil Young's English School, Curitiba, Paraná, Brazil.
 01-05/1989 Mechanisms of Diseases Course, University of Miami, Miami, USA.
 02/1990 – 01/1992 Resident in Internal Medicine, Evangélico Hospital, Curitiba, Paraná, Brazil.
 02/1992 – 01/1994 Resident in Anesthesia, Hospital de Clínicas, Federal University of Paraná, Curitiba, Paraná, Brazil.
 1996 Master in Clinical Surgery Research (emphasis in Anesthesia), Federal University of Paraná, Curitiba, Paraná, Brazil.
 01/1997 – 12/1999 PhD - Clinical Surgery Research (emphasis in Anesthesia), Federal University of Paraná, Curitiba, Paraná, Brazil.
 2002 Certified in Pain Therapy, Brazilian Society of Anesthesiology.
 08/2011 – 08/2014 Master in Academic Medicine, Keck School of Medicine, University of Southern California, CA, USA.
 2015-present PhD Student program in Education: Curriculum and Instruction, University of Illinois at Chicago, IL, USA.
 2017 Alternate Entry Pathway, American Board of Anesthesiology, NC, USA.

Academic Appointments

1994-2001 Instructor of Anesthesia, Federal University of Paraná, Curitiba, Paraná, Brazil.
 2001-2003 Co-Director, Anesthesia Residency Program, Federal University of Paraná, Curitiba, Paraná, Brazil.
 2004-2006 Program Director, Anesthesia Residency Program, Federal University of Paraná, Curitiba, Paraná, Brazil.
 1998-2000 Assistant Professor of Anesthesiology, Federal University of Paraná, Curitiba, Paraná, Brazil.
 2000-2011 Associate Professor of Anesthesiology, Federal University of Paraná, Curitiba, Paraná, Brazil.
 2007-2008 Visiting Associate Professor of Anesthesiology, Stanford University School of Medicine, Stanford, California, USA.
 2009-2015 Clinical Associate Professor of Anesthesiology, Stanford University School of Medicine, Stanford, California, USA.
 2015 Clinical Professor of Anesthesiology, Stanford University School of Medicine, Stanford, California, USA.

2020 Associate Designated Institutional Official, Graduate Medical Education, Stanford University School of Medicine, Stanford, California, USA.

Awards

2007 Attending of the month, Department of Anesthesia, Stanford University, November.
2008 Honorarium Member, Paranaense Society of Anesthesiology.
2009 Premio Analise Medicine, one of the most admirable doctors in the specialty.
2009 Attending of the month, Department of Anesthesia, Stanford University, January.
2009 Stanford Anesthesia Teaching Scholar
2009 The H. B. Fairley, MBBS, Teaching excellence award. Department of Anesthesia. Stanford University.
2010 Outstanding contribution and commitment. Indonesia Society of Obstetric Anesthesia and Indonesian Society of Regional Anesthesia
2012 Honorarium Member, Pernambuco Society of Anesthesiology.
2012 Dedication to Academic Medicine, University of Sao Paulo.
2017 Recognition award for dedicated service, IRB, Federal University of Parana

Tutorial/Mentoring

1994 Tutorial for medical students, Anesthesia rotation, Federal University of Parana.
2005 Co-orientation of Student Rohnelt Machado de Oliveira to obtain Master degree in Clinical Surgery, Federal University of Paraná, Curitiba, Paraná, Brazil.
2006-2010 Co-Orientation of Student Rohnelt Machado de Oliveira to obtain PhD degree in Clinical Surgery, Federal University of Paraná, Curitiba, Paraná, Brazil.
2006-2007 Co-Orientation of Student Richard Campos to obtain Master degree in Clinical Surgery, Federal University of Paraná, Curitiba, Paraná, Brazil.
2006-2010 Co-Orientation of Student Maria Fernanda Torres to obtain PhD degree in Clinical Surgery, Federal University of Paraná, Curitiba, Paraná, Brazil.
2007-2011 CA-1 Tutorial, Stanford University School of Medicine, Stanford, California, USA.
2013-present CA-1 Tutorial, Stanford University School of Medicine, Stanford, California, USA.
2009-2015 Resident advisor. Stanford University School of Medicine, Stanford, California, USA.
2011-present Faculty advisor. Teaching Scholar Program. Stanford University School of Medicine, Stanford, California, USA.
2015 FAER Resident Scholar Program Advisor (Sandra Sacks), Stanford, California, USA.
2015-present Advanced training in medical education (Satoshi Yamamoto, Matias Madsen, Anjum Anwar, Shin Wakatsuki, Jakob Thomsen, Adrian Marty, Christiane Klinkhardt, Paulo Adeodato, Jesse Goldmacher), Stanford, California, USA.
2015 Peer Support and Resiliency In MEicine (PRIME) Scholarship Mentor (Jed Chon, Alvin Garcia), Stanford, California, USA.

Master Thesis Examiner

2000 Post-Graduation Program in Principles of Surgery. "Faculdade Evangélica do Paraná". Student: Dr. Ruth Maria Graf. Curitiba, Brazil, December 2000.
2002 Post-Graduation Program in Electrical Engineer and Informatics. "Universidade Tecnológica Federal do Paraná". Student: Dr. Regiane Ferreira Abreu Silva. Curitiba, Brazil, October 2002.
2002 Post-Graduation Program in Surgery. Federal University of Parana. Student: Dr. Ranger Gomes do Amaral. Curitiba, Brazil, December 2002.
2003 Post-Graduation Program in Surgery. Federal University of Parana. Student: Dr. Marcos Leal Brioschi. Curitiba, Brazil, March 2003.
2004 Post-Graduation Program in Principles of Surgery. "Faculdade Evangélica do Paraná". Student: Dr. Gustavo Rassier Isolan. Curitiba, Brazil, January 2004.
2004 Post-Graduation Program in Surgery. Federal University of Parana. Student: Dr. Daniel Colman. Curitiba, Brazil, December 2004.

PhD Thesis Examiner

2000	Post-Graduation Program in Surgery. Federal University of Parana. Student: Dr. Maria Célia Barbosa Fabrício de Melo. Curitiba, Brazil, December 2000.
2002	Post-Graduation Program in Surgery. Federal University of Parana. Student: Dr. Claudio Jacobovicz. Curitiba, Brazil, December 2002.
2005	Post-Graduation Program in Surgery. Federal University of Parana. Student: Dr. James Skinovski. Curitiba, Brazil, March 2005.
2006	Post-Graduation Program in Surgery. Federal University of Parana. Student: Dr. Mario Martins. Curitiba, Brazil, January 2006.
2006	Post-Graduation Program in Surgery. Federal University of Parana. Student: Dr. Douglas Vendramin. Curitiba, Brazil, December 2006.
2016	Post-Graduation Program in Anesthesiology. Sao Paulo University. Student: Dr. Iracy Silvia Correa Soares. Sao Paulo, Brazil, March 2016.
2016	Post-Graduation Program in Anesthesiology. Sao Paulo University. Student: Dr. Matheus Vane. Sao Paulo, Brazil, December 2016.
2017	Post-Graduation Program in Anesthesiology. Sao Paulo University. Student: Dr. Ricardo Vieira Carlos. Sao Paulo, Brazil, December 2017.
2018	Post-Graduation Program, Stanford Graduate School of Education. Student: Marty Kely. Stanford, US, July 2018.

Board Certification

1994	Diplomate in Internal Medicine, Federal Council of Medicine.
1994	Diplomate in Anesthesiology, Federal Council of Medicine.
1996	Diplomate Brazilian Board of Anesthesiology, Brazilian Society of Anesthesia.
2011	ECFMG Certificate
2011	Approved USMLE Step 3
2011	ACLS Re-certification
2018	A-ACLS certificate

Active Membership in Professional Societies

Brazilian Society of Anesthesiology
Paranaense Society of Anesthesiology (Honorarium Member)
Pernambuco Society of Anesthesiology (Honorarium Member)
American Society of Anesthesiology
California Society of Anesthesiologists
American Educational Research Association
Society for Education in Anesthesia
Association of Problem-Based Learning and Active Learning Methodologies
International Anesthesia Research Society
The Society for Head and Neck Anesthesia
Society of Academic Associations of Anesthesiology and Perioperative Medicine (Associate member)

Special International Responsibilities

2004 Chairman, Scientific Committee, Luso-Brazilian Congress of Anesthesia, Curitiba, Brazil.

Special National Responsibilities

1997-1998	Member, Scientific Committee, Paranaense Society of Anesthesiology.
1999	Member, Scientific Committee, 34 ^a South-Brazilian Journey of Anesthesiology, Curitiba, Brazil.
1999-2009	Member Hepatic Transplant Committee, Brazilian Ministry of Health.

1999-2000	Secretary, Paranaense Society of Anesthesiology.
2001	Observer at Oral exam for Brazilian Board of Anesthesiology.
2001	Chairman, Scientific Committee, 36 ^a South-Brazilian Journey of Anesthesiology, Londrina, Brazil.
2001-2002	Scientific Director, Paranaense Society of Anesthesiology.
2002	Associate Board Examiner, Brazilian Board of Anesthesiology.
2003	Secretary Executive Committee, Brazilian Board of Anesthesiology.
2004	President Executive Committee, Brazilian Board of Anesthesiology.
2003-2004	Vice-president, Paranaense Society of Anesthesiology.
2003	Member, Scientific Committee, 38 ^a South-Brazilian Journey of Anesthesiology, Curitiba, Brazil.
2005-2006	President, Paranaense Society of Anesthesiology.
2009-present	Member Scientific Committee, Paranaense Society of Anesthesiology.
2011-2015	Alternate delegate, California Society of Anesthesiology.
2016-present	Member, Educational Programs Division, California Society of Anesthesiology.
2017-present	Member, Educational Track Subcommittee on Professional Issues, American Society of Anesthesiology.
2018	Reviewer for submissions, American Educational Research Association (AERA) Annual Meeting.
2019	Member, Resident Education Committee, Society for Education in Anesthesia.
2020	Member, Research Committee, Society for Education in Anesthesia.

Editorial Boards and Regular Journal Peer Review

2003-2016	Editorial Board member, Brazilian Journal of Anesthesiology.
2019	
2016-2018	Consulting Editor, Brazilian Journal of Anesthesiology.
2010-present	Reviewer, Clinical Orthopaedics and Related Research.
2011-present	Editorial board member, Journal of Pain & Relief
2011-present	Reviewer, Journal of Clinical Anesthesia
2012-2017	Reviewer, Anesthesiology Research and Practice
2012-2016	Reviewer, Indian Journal of Anaesthesia
2012-2015	Reviewer, Journal of the American Pharmacists Association
2012-2016	Reviewer, Saudi Journal of Anaesthesia
2013-2015	Reviewer, International Journal of Nanomedicine
2013-2016	Reviewer, Journal of Medical Case Reports
2014-present	Reviewer, Journal of Clinical Monitoring and Computing
2014-2016	Journal of Medical Education and Curricular Development
2015-present	Reviewer, Acta Cirúrgica Brasileira
2015	Guest Editor, Special Issue: Advances in Residency Training and Education of Anesthesiologists, Anesthesiology and Research Practice.
2015-2016	Reviewer, Journal of Medical Internet Research.
2016-present	Reviewer, Anesthesia and Analgesia

Special Local Responsibilities

1997-2006	Member, Residency Selection Committee, Hospital de Clínicas, Curitiba, Paraná, Brazil.
1998-2006	Institutional Review Board, Hospital de Clínicas, Curitiba, Paraná, Brazil.
1998-2006	Member, Preceptorship Selection Committee for Medical students, Anesthesia rotation, Federal University of Parana, Brazil.
1999	Member, Faculty Selection Committee, Federal University of Parana, Brazil.
2000-2004	Member, Dissertation Committee, at Federal University of Parana, Evangelica School of Medicine and Centro de Educação Tecnológica do Paraná, Brazil.

2000-2006 Member, Thesis Committee, Federal University of Parana, Brazil.

2003-2006 Member, Transfusion Committee, Hospital de Clínicas, Curitiba, Paraná, Brazil.

2004-2006 Member, Medical Records Committee, Hospital de Clínicas, Curitiba, Paraná, Brazil.

2007-2012 Member, Educational Committee, Stanford University School of Medicine, Stanford, California, USA.

2012-present Chair, Educational Committee, Stanford University School of Medicine, Stanford, California, USA.

2008-2016 Anesthesia liaison with Department of Orthopedic Surgery. Stanford University School of Medicine, Stanford, California, USA.

2008-2015 Member, Anesthesia Technician Committee. Stanford University School of Medicine, Stanford, California, USA.

2010-2012 Member, Clinical Commitment Committee. Stanford University School of Medicine, Stanford, California, USA.

2010-2012 Rotation Director: Orthopedic anesthesia. Stanford University School of Medicine, Stanford, California, USA.

2014-2015 Stanford training Abroad for Residents: Program Director. Stanford University School of Medicine, Stanford, California, USA.

2010-2015 Member, IT Committee. Stanford University School of Medicine, Stanford, California, USA.

2011-2012 Member, Pre/Post-operative Committee. Stanford University School of Medicine, Stanford, California, USA.

2011-2018 Director of Teaching Scholar Program. Stanford University School of Medicine, Stanford, California, USA.

2019 Co-Director of Teaching Scholar Program. Stanford University School of Medicine, Stanford, California, USA.

2012-present Mock Orals, interviewer. Stanford University School of Medicine, Stanford, California, USA.

2012-2015 Rotation Director: Anesthesia rotation for interns. Stanford University School of Medicine, Stanford, California, USA.

2012-2014 Member, Ortho Triad Committee. Stanford University School of Medicine, Stanford, California, USA.

2012-2013 Volunteer MD application reviewer. Stanford University School of Medicine, Stanford, California, USA.

2012-present Member, Resident Selection Committee. Stanford University School of Medicine, Stanford, California, USA.

2012-present Member, Graduate Medical Education Committee. Stanford University School of Medicine, Stanford, California, USA.

2013-present Member, Clinical Competence Committee. Stanford University School of Medicine, Stanford, California, USA.

2013-2015 Co-Director: Quality and safety rotation elective. Stanford University School of Medicine, Stanford, California, USA.

2013-2016 Member, Graduate Medical Education Sub-Committee to support New Program Directors. Stanford University School of Medicine, Stanford, California, USA.

2013-present Director, Stanford Advanced Experience in Medical Education. Stanford University School of Medicine, Stanford, California, USA.

2013-present Associate Residency Program Director, Department of Anesthesiology, Pain and Perioperative Medicine, Stanford University School of Medicine, Stanford, California, USA.

2013-2018 Co-Director, Stanford Anesthesiologists Meeting Brazilian Anesthesiologists Program (SAMBA), Department of Anesthesiology, Pain and Perioperative Medicine, Stanford University School of Medicine, Stanford, California, USA.

2014-2016 Stanford Center for Medical Education Research and Innovation (SCeMERI), Faculty Associate. Stanford University School of Medicine, Stanford, California, USA.

2014-2016	Member, Graduate Medical Education Sub-Committee for Transition of Care. Stanford University School of Medicine, Stanford, California, USA.
2014-2017	Member, PRIME Scholarship selection committee. Department of Anesthesiology, Pain and Perioperative Medicine, Stanford University School of Medicine, Stanford, California, USA.
2014-present	Member, Core group for Non-FARM research request evaluation. Department of Anesthesiology, Pain and Perioperative Medicine, Stanford University School of Medicine, Stanford, California, USA.
2016	Member, Clinical Teaching Seminars Series Conference Planning Meeting. Stanford University School of Medicine, Stanford, California, USA.
2016-present	Member, Academy Teaching and Mentoring Working Group. Stanford University School of Medicine, Stanford, California, USA.
2016-present	Faculty Advisory Group Member, Digital Medical Education International Collaborative. Stanford University School of Medicine, Stanford, California, USA.
2016-2017	Member, Planning committee, Medicine X ED 2017, Stanford University School of Medicine, Stanford, California, USA.
2017-present	Faculty Advisor, Anesthesiology Diversity Resident Council. Department of Anesthesiology, Pain and Perioperative Medicine, Stanford University School of Medicine, Stanford, California, USA.
2017-present	Mock OSCE's, Committee Chair. Stanford University School of Medicine, Stanford, California, USA
2017-present	Director, Stanford Anesthesia Medical Education Research Scholars Program, Stanford University School of Medicine, Stanford, California, USA.
2019	Department liaison to the Office of faculty development and diversity, Stanford University School of Medicine, Stanford, California, USA
2020	Member Governance/A&P Committee. Department of Anesthesiology, Pain and Perioperative Medicine, Stanford University School of Medicine, Stanford, California, USA.

Hospital Positions Held

02/01/1994 - 12/01/1996	Staff Anesthesiologist, Lapa Hospital, Lapa, Paraná, Brazil.
02/01/1994 – 12/01/2006	Staff Anesthesiologist, Hospital de Clínicas, Curitiba, Paraná, Brazil.
02/1995 - 12/1996	Staff Anesthesiologist, Health Institute of Paraná, Curitiba, Paraná, Brazil.
01/01/2007 - present	Staff Anesthesiologist, Stanford Hospital and Clinics, Stanford, CA, USA.

BIBLIOGRAPHY

Journal Articles

1. Tanaka PP: Patient-Controlled Analgesia with Morphine Versus Treatment with metamizol and ketoprofen in patients submitted to cholecystectomy. Braz J Anesthesiol 48:191-197,1998.
2. Tanaka PP, Tanaka MA: Assessment of histamine release after rocuronium and mivacurium. Braz J Anesthesiol 51:47-51,2001.
3. Tanaka PP, Tambara ET, Sepulcri R, Tanaka MA: Pain intensity after subcutaneous injection of lidocaine or lidocaine-sodium bicarbonate association. Braz J Anesthesiol 51:37-42,2001.
4. Oliveira LF, Carmona M, Castiglia Y, Kraychete D, Nunes R, Tanaka PP: Commented questions from written exam of Brazilian Board of Anesthesiology 2002. Braz J

- Anesthesiol 53:1-25,2003.
5. Tanaka PP, Souza R, Salvalaggio M, Tanaka MA: Comparative study of 0,5% bupivacaine versus 0,5% bupivacaine enantiomeric mixture (S75-R25) in epidural anesthesia for orthopedic surgery. Braz J Anesthesiol 53:331-337,2003.
 6. Tanaka PP, Tanaka MA: Hemoglobin-Based blood substitutes: Current status and perspectives. Braz J Anesthesiol 53:543-554,2003.
 7. Castiglia Y, Kraychete D, Nunes R, Tanaka PP, Machado R, Diego LA: Commented questions from written exam of Brazilian Board of Anesthesiology 2003. Braz J Anesthesiol 54:1-26,2004.
 8. Tanaka PP, Tanaka MA: Transient Neurological Symptoms after Spinal Anesthesia. Braz J Anesthesiol 54:108-113,2004.
 9. Tanaka PP, Ogleari M, Valmorbida P, Tanaka MA: Levobupivacaine 0.5%, 50% Enantiomeric Excess and Racemic Bupivacaine in Epidural Anesthesia for Lower Abdominal Procedure. Comparative Study. Braz J Anesthesiol 55:597-605,2005.
 10. Corso MC, Tanaka PP, Khon K: Optic Nerve Ischemia after Spinal Procedure. Case Report. Braz J Anesthesiol 56:273-277,2006.
 11. Brodsky JB, Tanaka PP: Rhabdomyolysis Following Bariatric Surgery. Bariatric Times 4:26-28, 2007.
 12. Tanaka PP, Estebe JP et al: In vitro evaluation of bupivacaine in enantiomeric excess of 50% microspheres. Braz J Anesthesiol 58:15-22, 2008.
 13. Tanaka PP, Moss J: The Role of Peripheral Opiate Antagonists in Pain Medicine and Perioperative Care. Braz J Anesthesiol 58:533-547, 2008.
 14. Tanaka PP, Brodsky JB: Regional Anesthesia and Obesity. Bariatric Times 6:24-26, 2009.
 15. Vieira EM, Goodman S, Tanaka PP: Anesthesia and Rheumatoid Arthritis. Braz J Anesthesiol 61:367-375, 2011.
 16. Oliveira RM, Tanaka PP, Tenorio SB. Assessing the use of 50% enantiomeric excess bupivacaine-loaded microspheres after sciatic nerve block in rats. Braz J Anesthesiol 61:736-747, 2011.
 17. Oliveira RM, Tenorio SB, Tanaka PP et al. Control of Pain Trough Epidural Block and Incidence of Cardiac Dysrhythmias in Postoperative Period of Thoracic and Major Abdominal Surgical Procedures: a Comparative Study. Braz J Anesthesiol 2012;62:10-18.
 18. Tanaka PP, Hawrylyshyn K, Macario A. Use of Tablet (iPad®) as a Tool for Teaching Anesthesiology in an Orthopedic Rotation. Braz J Anesthesiol 2012;62:214-222.
 19. Tanaka PP, Torres MF, Tenorio SB. Analysis of the Acute Cytotoxic Potential of Bupivacaine and 50% Enantiomeric Excess Bupivacaine (S75-R25) Incorporated into Microspheres in Rat Sciatic Nerves. Braz J Anesthesiol 2012;62:223-234.
 20. Macario A, Tanaka PP, Clark S, Pearl R. The Stanford Anesthesia Faculty Teaching Scholars Program: Summary of Faculty Development, Projects, and Outcomes. Journal of Graduate Medical Education. June 2013, Vol. 5, No. 2, pp. 294-298.
 21. Udani A, Macario A, Nandagopal K, Tanaka M, Tanaka PP. A randomized, controlled study to determine if adding simulation-based deliberate practice to a standardized written and video curriculum improves technical performance. Anesthesiology Research and Practice. Volume 2014 <http://dx.doi.org/10.1155/2014/659160>.
 22. Tanaka PP, Tanaka M, Drover D. Detection of Respiratory Compromise by Acoustic Monitoring, Capnography, and Brain Function Monitoring during Monitored Anesthesia Care. J Clin Monit Comput 2014, DOI 10.1007/s10877-014-9556-8.
 23. Yamamoto S, Tanaka PP, Madsen M, Macario A. Analysis of Resident Case Logs in An Anesthesiology Residency Program. A&A Case Reports. 2015; DOI: 10.1213/XAA.0000000000000248.
 24. Tanaka PP, Yanez D, Lemmens H, Djurjulov A, Scotto L, Borg L, Walker K, Merrel S, Macario A. Impact of an innovative classroom-based lecture series on resident's

- evaluations of an anesthesiology rotation. *Anesthesiology Research and Practice* Volume 2016, <http://dx.doi.org/10.1155/2016/854380>.
25. Udani AD, Harrison TK, Mariano ER, Derby R, Kan J, Ganaway T, Shum C, Gaba DM, Tanaka PP, Kou A, Howard SK. Comparative-effectiveness of simulation-based deliberate practice versus self-guided practice on resident anesthesiologists' acquisition of ultrasound-guided regional anesthesia skills. *Reg Anesth Pain Med* 2016;41: 00–00. DOI: 10.1097/AAP.0000000000000361.
 26. Madsen M, Macario A, Yamamoto S, Tanaka PP. Mapping of Primary Instructional Methods and Teaching Techniques for Regularly Scheduled, Formal Teaching Sessions in an Anesthesia Residency Program. *A&A Case Reports* 2016;6:343–7.
 27. Anwar A, Tanaka PP, Madsen M, Macario A. Does faculty follow the recommended structure for a new classroom based, daily formal teaching session for anesthesia residents? *Cureus* 2016 8(10): e818. DOI 10.7759/cureus.818
 28. Ramalho G, Vane M, Lima L, Amorin R, Domingues M, Moraes J, Tanaka PP, Vane L. Noradrenaline and dobutamine effects on the volume expansion with normal saline in rabbits subjected to hemorrhage. *Acta Cirurgica Brasileira* 2016;31:621-628.
 29. Tanaka PP, Berenknyi S, Walker K, Zocca J, Scotto L, Macario A. Focusing Feedback: How a Web-Based Tool Enhances the Quality of Feedback Conversations. *Anesth Analg*, 2016. doi: 10.1213/ANE.0000000000001647.
 30. Tanaka PP, Park L, Tanaka MA, Udani A, Macario A. Development and Testing of a Curriculum for Teaching Informed Consent for Spinal Anesthesia to Anesthesiology Residents. *J Pain Relief* 2016, 5. DOI: 10.4172/2167-0846.1000259
 31. Wang R, Kumar A, Tanaka PP, Macario A. Occupational Radiation Exposure of Anesthesia Providers: A summary of key learning points and resident-led radiation safety projects. *Sem Cardiothoracic Vasc Anesth* 2017, 1-7. DOI: 10.1177/1089253217692110.
 32. Yamamoto S, Tanaka PP, Madsen M, Macario A. Comparing Anesthesiology Residency Training Structure and Requirements in Seven Different Countries on Three Continents. *Cureus* 2017; 9(2): e1060. DOI 10.7759/cureus.1060
 33. Tanaka PP, Goodman S, Sommer B, Maloney W, Huddleston J, Lemmens H. The effect of Desflurane versus Propofol Anesthesia on Postoperative Delirium in Elderly Obese Patients Undergoing Total Knee Replacement: A Randomized, Controlled, Double-Blinded Clinical Trial. *J Clin Anesth* 2017,39:17-22. DOI: <http://dx.doi.org/10.1016/j.jclinane.2017.03.015>
 34. Tanaka PP, Adriano A, Ngai L, Wakatsuki S, Marty A, Park YS, Brun C, Harrison K, Bushell E, Thomsen J, Wen L, Painter C, Chen M, Macario A. "Development of an objective structured clinical examination (OSCE) using the American Board of Anesthesiology content outline for the OSCE component of the Applied Certification Examination". *A&A Pract*. 2018 Apr 23. doi: 10.1213/XAA.0000000000000779.
 35. Wakatsuki S, Tanaka PP, Vinagre R, Thomsen J, Marty A, Macario A. (May 01, 2018) What Makes for Good Anesthesia Teaching by Faculty in the Operating Room? The Perspective of Anesthesiology Residents. *Cureus* 10(5): e2563. DOI 10.7759/cureus.2563
 36. Heifets B, Tanaka PP, Burbridge M. Fluid management concepts for severe neurological illness: an overview. *Curr Opin Anesthesiol* 2018, 31:000–000 DOI:10.1097/ACO.0000000000000629
 37. Ridinger H, Cvengros J, Gunn J, Tanaka P, Rencic J. Struggling medical learners: a competency-based approach to improving performance. *MedEdPORTAL*. 2018;14:10739. https://doi.org/10.15766/mep_2374-8265.10739
 38. Chemtob CM, Tanaka P, Keil M, et al. (August 24, 2018) Analysis of Milestone-based End-of-rotation Evaluations for Ten Residents Completing a Three-year Anesthesiology Residency. *Cureus* 10(8): e3200. DOI 10.7759/cureus.3200

39. Saager L, Maiese E, Meyer T, Minkowitz H, Groudine S, Philip B, Tanaka P, Gan TJ, Rodriguez Blanco Y, Soto R, Heisel O. Incidence, risk factors, and consequences of residual neuromuscular blockade in the United States: the prospective, observational, multicenter RECITE-US study. *Journal of Clinical Anesthesia* 2019;55,33-41.
40. Tanaka P, Hasan, N., Tseng, A., Tran, C., Macario, A., & Harris, I. (2019). Assessing the Workplace Culture and Learning Climate in the Inpatient Operating Room Suite at an Academic Medical Center. *Journal of surgical education*, 76 (3), 644-651.
41. Haight ES, Chen F, Tanaka P, Brock-Utne JG, Macario A, Sun EC, Tawfik VL. Predictors of post-anaesthesiology residency research productivity: preliminary report. *British Journal of Anaesthesia*. 2019 Aug 29.
42. Nezhat C, Vang N, Tanaka P, Nezhat C. Optimal management of endometriosis pain. *Obstetrics & Gynecology*: Published ahead. September 2019. doi: 10.1097/AOG.0000000000003461
43. Tanaka P, Park YS, Liu L, Varner C, Kumar AH, Sandhu C, Yumul R, McCartney KT, Spilka J, Macario A. Assessment Scores of a Mock Objective Structured Clinical Examination Administered to 99 Anesthesiology Residents at 8 Institutions. *Anesthesia & Analgesia*. 2020 Apr 6.
44. Thomsen JL, Marty A, Wakatsuki S, Macario A, Tanaka P, Gatke M, Engbaek J, Ostergaard D. Barriers and aids to routine neuromuscular monitoring and consistent reversal practice – a qualitative study. *Acta Anaesthesiol Scand*. 2020 Apr 16. doi: 10.1111/aas.13606.

Editorial

1. Tanaka PP, Macario A. Technology and anesthesia education. *J Pain Relief* 2012; 1:e101. doi:10.4172/jpar.1000e101.
2. Tanaka PP, Macario A. Advances and challenges in anesthesia education. *J Head Neck Anesth. Journal of Head and Neck Anesthesia. Journal of Head & Neck Anesthesia* (2019) 3:e06. <http://dx.doi.org/10.1097/HN9.0000000000000006>

Letter to the Editor

1. Tanaka PP, Pessoa R, Fernandes R, Brodsky J. What is missing for Difficult Airway Management in the 21st century. *Rev Bras Anestesiol* 2015;65:235-6.

Non peer reviewed publication

1. Tanaka PP, Brodsky J. Difficult Airway Algorithm. *AMBU newsletter*, 2012.
2. Tanaka PP. Perioperative Myocardial Ischemia. *Cristalia newsletter*, 2013.
3. Macario A, Tanaka P. Highlights from Stanford Residency Program. *Vital Times Annual Report*, California Society of Anesthesiologists, 2020.

On-line educational modules

1. Tanaka P, Udani A. Informed consent for anesthesia
<https://www.youtube.com/watch?v=AN8CdzQj6xk>
2. Tanaka P, Udani A. Spinal anesthesia procedural checklist.
<https://www.youtube.com/watch?v=ebIMcptvcAo&t=7s>
3. Tanaka P. Podcast. Parallel between US and Brazil anesthesiology training. May, 2019.
<https://castbox.fm/episode/38-Anestesia%3A-Brasil-x-EUA-um-paralelo.-id1449222-id156997333?country=us>
4. Neuromuscular monitoring: This CME activity is designed for all anesthesia care providers to learn more about residual neuromuscular blockade and neuromuscular monitoring.
<https://stanford.cloud-cme.com/default.aspx?EID=34132&P=3000&CaseID=49>

Visiting Professor

1. University of Sao Paulo. Discuss about establishment of a Doctoral Program in Airway Management. Sao Paulo, Brazil, March, 2011.
2. Federal University of Pernambuco. Recife, Brazil, September 2012.
3. Pernambuco State University. Recife, Brazil, September 2012.
4. Faculdade Pernambucana de Saude. Recife, Brazil, September 2012.
5. University of Zurich. Zurich, Switzerland, September 2014.
6. Faculdade Evangelica do Parana, Dermatology Department, October 2014.
7. Saitama Medical University, Saitama, Japan, December 2015.
8. Federal University of Rio de Janeiro (UFRJ), Hospital Miguel Couto, Rio de Janeiro, Brazil, March 2016.
9. University Medical Centre Ljubljana, Slovenia, September 2017.
10. Federal University of Rio de Janeiro State (UNIRIO), Rio de Janeiro, Brazil, May 2018.
11. Department of Anesthesiology, Harbor-UCLA Medical Center, Torrance, USA, September 2018.
12. University of Auckland Faculty of Medical and Health Sciences, Auckland City Hospital, Auckland, New Zealand, March 2019.

Grants

1. Desflurane or Propofol Anesthesia in Elderly Obese Patients Undergoing Total Knee Replacement: A pilot assessment of Short-term and Long-term Differences in Outcome. PI. Harry Lemmens. Co-PI: Pedro Tanaka. Complete. Baxter pharmaceuticals (\$198,000).
2. Simulation & EdTech mini-grant for consultation. Project: Orthopedic Anesthesia Rotation Curriculum Course workbook. Simulation and Educational Technology, Stanford University School of Medicine. Complete.
3. Correlation and Safety of Masimo SEDLine and Masimo RRA in patients under deep sedation: A pilot assessment of Short-term Differences in Outcome. PI: David Drover. Co-PI: Pedro Tanaka. Complete. Masimo corporation (\$20,000).
4. Implementation and evaluation of spinal anesthesia simulation-based learning module. PI: Ankeet Udani. Co-PI: Pedro Tanaka. Complete. Department of Anesthesia, Stanford University School of Medicine (\$5,400).
5. REsidual Curarization and its Incidence at Tracheal Extubation in the United States (RECITE-U.S.). PI: Pedro Tanaka. Complete. Merck Co., Inc. (\$45,534.00).
6. Resident and Faculty Awareness of Milestones and Perception of Their Use for Focused Attending to Resident Assessment and Feedback. PI: Pedro Tanaka. Complete. Department of Anesthesiology, Pain and Perioperative Medicine, Stanford University School of Medicine, Stanford, California, USA. (\$6,810.00)
7. Academic Computing Services's iPads for Learning project. Grant will provide iPads to investigate the use of feedback tool in the OR. Complete. Stanford University Libraries, Stanford, California, USA.
8. Noninvasive and Continuous Hemoglobin Monitoring for Surgical Blood Management (NACHO). PI: Pedro Tanaka. Closed for recruitment. Society for the advancement of blood management. (98,000.00)
9. Rainbow Acoustic Monitoring (RAM) clinical engineering data collection. PI: David Drover. Investigator: Pedro Tanaka. Complete. Masimo Corporation.
10. Assessing Workplace Culture and Identifying Targets for Creating a Positive Learning Climate. PI: Natalya Hassa-Hill. Co-PI: Pedro Tanaka. Teaching and Mentoring Academy Innovation Grant. Stanford University School of Medicine, Stanford, California, USA. (\$9,800.00).

11. Teaching with Technology-Online Workshop Grant. Vice Provost for Teaching and Learning. Complete. Stanford University School of Medicine, Stanford, California, USA. (\$1,250.00).
12. LEAD (Leadership Education in Advancing Diversity) 2.0: Empowering trainees through building leadership and scholarship capacity in diversity and inclusion. PI: Carmin Powell. Co-PI: Pedro Tanaka. Teaching and Mentoring Academy Innovation Grant. Stanford University School of Medicine, Stanford, California, USA. (\$19,420).
13. UG3/UH3: An Anesthesia-Centered Bundle to Reduce Postoperative Pulmonary Complications: The PRIME-AIR Study" (1UG3-HL140177-01A1). Co-site PI: Pedro Tanaka (\$248,000).

Books

1. Tanaka PP, Tanaka MA: Brazilian Board of Anesthesiology: Written Test. Curitiba, Medidática, 2000.
2. Tanaka PP, Tanaka MA: Brazilian Board of Anesthesiology: Written Test. Curitiba, Medidática, 2004.
3. Duarte NM, Vane LA, Tanaka PP, et al: Commented questions from written exam of Brazilian Board of Anesthesiology from 2004 to 2008. Rio de Janeiro, SBA, 2009.
4. Tanaka PP. Anesthesiology Written Board: Essential Topics, 1st Edition, Curitiba, Brazil, 2014.

Books Chapters

1. Tanaka PP, Tanaka MA, Corso CM, Topolski FM: Prognostic Variables Related to Anesthesia and Perioperative Care. In: Perioperative Medicine. Rio de Janeiro, 2005.
2. Tanaka PP, Tenorio SB: Anesthesiology. In: Manual of Clinical Surgery, Sao Paulo, Atheneu, 2009.
3. Tanaka PP, Brodsky J: Regional anesthesia and obesity. In: Morbid obesity: peri-operative mangement, Cambridge, UK, 2010.
4. Tanaka PP, Brodsky J, Lemmens, H: Regional anesthesia in the morbidly obese patient. In: Principles and practice of Regional Anesthesia, Sao Paulo, Brazil, 2010.
5. Tanaka PP, Nguyen JH. Anesthesia for laparoscopic surgery. In: Manual of clinical Anesthesiology, Philadelphia, USA, 2011.
6. Chu L, Tanaka PP. Wire cricothyroidotomy. In: Manual of clinical Anesthesiology, Philadelphia, USA, 2011.
7. Nguyen JH, Tanaka PP. Anesthesia for laparoscopic surgery. In: Prevention and management of laparoendoscopic surgical complications (3rd Edition), Society of Laparoscopic Surgeons website, USA, 2011.
8. Tanaka PP, Alejandro-Harper D, Desai A. Device malfunction. In: The Anesthesia Technician and Technologist's Manual: All You Need to Know for Study and Reference. Lippincott Williams & Wilkins, USA, 2012.
9. Tanaka PP, Nguyen JH, Desai JJ. Anesthesia. In: Nezhat's Video-Assisted and Robotic-Assisted laparoscopy and hysteroscopy, 4th Edition, Cambridge University press, Cambridge, UK, 2012.
10. Tanaka PP, Tawif V. Orthopedic Disorders. In: Manual of Perioperative Medicine, Lippincott, Williams and Wilkins, 2013.
11. Tanaka PP. Clinical Anesthesiology: Board review questions. McGraw Hill, 2013.
12. Nekhendzy V, Tanaka PP. Analyses of the American Society Guidelines for difficult airway management. In: Controle da Via Aerea, Brazilian Society of Anesthesiology, Rio de Janeiro, Brazil, 2012.
13. Tanaka PP, Nekhendzy V. Videolaryngoscopes. In: Controle da Via Aerea, Brazilian Society of Anesthesiology, Rio de Janeiro, Brazil, 2012.

14. Tenorio SB, Tanaka PP. How to minimize the anesthetic trauma. In: Textbook of Nutrition and Metabolism in Surgery, Atheneu, Sao Paulo, Brazil, 2012.
15. Press CD, Desai AM, Tanaka PP, Macario A. End-Tidal Capnography. Medscape Reference. Updated December 26, 2013. Available at: <http://emedicine.medscape.com/article/2116444-overview>.
16. Garazzi E, Press C, Tanaka PP. Anesthesia for colonoscopy. Non-Operating Room Anesthesia. Weiss M, Fleisher L. Elsevier, US, 2014.
17. Mihm F, Halbeis C, Tanaka PP. Hip, pelvis, upper leg surgery. In: Anesthesiologist's Manual of Surgical Procedures, 5th Edition, US, 2014.
18. Mihm F, Halbeis C, Tanaka PP. Knee surgery. In: Anesthesiologist's Manual of Surgical Procedures, 5th Edition, US, 2014.
19. Mihm F, Tanaka PP. Lower leg, ankle, foot, and other lower-extremity procedures In: Anesthesiologist's Manual of Surgical Procedures, 5th Edition, US, 2014.
20. Leite R, Pessoa R, Tanaka PP. Anesthesia for Geriatric Patient in: Written Board of Anesthesiology: Essential Topics, 1st Edition, Paranaense Society of Anesthesiology, Brazil, 2014.
21. Leite R, Pessoa R, Tanaka PP. Cardiopulmonary Resuscitation in: Written Board of Anesthesiology: Essential Topics, 1st Edition, Paranaense Society of Anesthesiology, Brazil, 2014.
22. Tanaka PP. Medical Education in: Written Board of Anesthesiology: Essential Topics, 1st Edition, Paranaense Society of Anesthesiology, Brazil, 2014.
23. Ortenzi A, Tanaka PP. Airway Evaluation and Management. In Tratado de Anestesiologia, 8th Edition, Sao Paulo Society of Anesthesiology, Atheneu, Brazil, 2017.
24. Arrigo R, Desai AM, Tanaka PP, Macario A. End-Tidal Capnography. Medscape Drugs & Diseases. Updated January 17, 2020. Available at: <https://authoring.medscape.com/content/2116444>
25. Mihm F, Painter C, Tanaka PP. Hip, pelvis, upper leg surgery. In: Anesthesiologist's Manual of Surgical Procedures, 6th Edition, US, 2020.
26. Mihm F, Painter C, Tanaka PP. Knee surgery. In: Anesthesiologist's Manual of Surgical Procedures, 6th Edition, US, 2020.
27. Mihm F, Painter C, Tanaka PP. Lower leg, ankle, foot, and other lower-extremity procedures In: Anesthesiologist's Manual of Surgical Procedures, 6th Edition, US, 2020.

Refereed Abstracts

1. Wanderley SMF, Tanaka PP: Anesthesia in the newborn with extralobar sequestration. Braz J Anesthesiol, 1993.
2. Tanaka PP, Shiomi SR: Incidence of hypoxemia at ambulatory center. Braz J Anesthesiol, 1996.
3. Tanaka PP, Shiomi SR: Pre-anesthetic clinic: Are the surgeons conscious? Braz J Anesthesiol, 1996.
4. Tanaka MA, Fantim C, Soares L, Tanaka PP: PCA for pain control after spinal surgery. Braz J Anesthesiol, 1998.
5. Tanaka PP, Tanaka MA, Soares L, Ferreira L: Cauda Equina syndrome after spinal anesthesia. Braz J Anesthesiol, 1998.
6. Tanaka PP, Silva A, Oliveira D, Silva R: Intra-articular Tenoxicam for post-op pain after knee arthroscopy. Braz J Anesthesiol, 2000.
7. Sluminski B, Tanaka PP, Leite E, Tenório SB: Onset time for isobaric bupivacaine in spinal anesthesia. Braz J Anesthesiol, 2001.
8. Pimentel L, Tanaka PP, Tanaka MA: Perioperative sedation with dexmedetomidine for ENT surgery. Braz J Anesthesiol, 2002.
9. Uliana G, Freitas A, Tanaka PP: C-section with 3mg of bupivacaine and 30 µg of fentanyl. Case report. Braz J Anesthesiol, 2003.

10. Tanaka PP, Silva RC: Pseudoaneurysm of radial artery: Case report. *Braz J Anesthesiol* 2004.
11. Tanaka PP, Olegari M, Valmorbida P, Tanaka MA: Levobupivacaine 0,5% versus 0,5% bupivacaine enantiomeric mixture (S75-R25) versus racemic bupivacaine 0,5% in epidural anesthesia for lower abdominal surgery. *Anesthesiology*, 101:A908, 2004.
12. TanakaPP, Estebe JP, Rodrigues VA, Youssef M: In vitro evaluation of bupivacaine in enantiomeric excess of 50% microspheres. *Annals of 52^o Brazilian Congress of Anesthesiology*, 2005.
13. Corso C, Tanaka PP, Khon K, Jarabiza A: Optic ischemia after spinal surgery: Case report. *Annals of 52^o Brazilian Congress of Anesthesiology*, 2005.
14. Desai C, Tanaka PP: Clinical and cultural perspectives: Establishing an immersive international rotation for anesthesia residents. *WARC Conference*, 2011.
15. Tanaka PP, Hawrylyshyn K, Macario A. Use of a tablet computer (iPad) based curriculum for a resident rotation in anesthesia for orthopedics. *IARS conference*, 2011.
16. Udani A, Tanaka PP. Implementation and evaluation of spinal anesthesia simulation-based learning module. *Innovations in Medical Education*, Los Angeles, CA, February 2012.
17. Drover D, Tanaka PP, Tanaka M. Correlation between RRetCO₂ and Masimo RRA in patients under deep sedation: A pilot assessment. *ASA Annual Meeting*, Washington, DC, October 2012.
18. Drover D, Tanaka PP, Tanaka M. Deep sedation does not predict episode of apnea. *IARS*, San Diego, CA, May 2013.
19. Drover D, Tanaka M, Tanaka PP. Detection of Respiratory Pauses by Clinical Observation: Capnography and Acoustic Monitoring. *ASA Annual Meeting*, San Francisco, CA, October 2013.
20. Philip B, Groudine S, Saager L, Tanaka PP, et al. Residual Neuromuscular Blockade at Tracheal Extubation in the United States (RECITE-U.S.): Interim Analysis. *ASA Annual Meeting*, San Francisco, CA, October 2013.
21. Bereknyei S, Walker S, Macario A, Tanaka PP. "Improving learning outcomes and resident perceptions: The science and craft of anesthesia milestone-specific feedback". *AUA 61st Annual Meeting*, Stanford, CA, May 2014.
22. Leif Saager, MD; Tricia Meyer, PharmD; Harold Minkowitz, MD; Scott Groudine, MD; Beverly Philip, MD; Pedro Tanaka, MD; Tong Joo Gan, MD; Yiliam Rodriguez-Blanco, MD; Roy Soto, MD; Eric M Maiese, PhD. Post-operative outcomes associated with residual block (recite-us). *ASA Annual Meeting*, New Orleans, LA, October 2014.
23. Bereknyei S, Zocca J, Scotto L, Macario A, Tanaka PP. Focusing Feedback: How a Web-Based Tool Enhances the Quality of Feedback Conversations. *SEA Meeting*, Seattle, WA, April 2015.
24. Kumar A, Webb C, Tanaka PP, Horn JL. Early femoral nerve block for acute hip fractures: How can we overcome barriers to implementation of a multidisciplinary pain pathway? *WARC conference*, Seattle, WA, May 2015.
25. Borg L, Yanez D, Scotto L, Lemmens H, Tanaka PP. Impact of an innovative lecture series on resident evaluations of an anesthesiology. *WARC conference*, Seattle, WA, May 2015. *ASA conference*, San Diego, CA, October 2015.
26. Wang R, Tanaka PP. Radiation safety for anesthesiologists. *Quality Improvement Symposium*, Stanford University School of Medicine, Stanford, CA, June 2015.
27. Tanaka PP, Lemmens H, Macario A et al. Impact of innovative lecture-based series in anesthesia residency. *Year of Learning*, Stanford University, Stanford, CA, and *ASA conference*, San Diego, CA, October 2015.
28. Steinberg DH, Mazer LM, Lau J., Bereknyei Merrell SB, Tanaka PP, Williams SR. Clinical teaching and mentoring in GME: a multidisciplinary, multi-level medical education program. *Macy Regional Conference*, San Francisco, CA, March 2016 and *ASA annual meeting*, Chicago, October 2016.

29. Ng A, Steinberg D, Liu J, Tanaka P, Macario A. Defining the Stanford anesthesia experience in global health. Stanford Annual Medical Education Innovation Conference, Stanford, CA, May 2016.
30. Tanaka PP, Berenknyi S, Walker K, Zocca J, Scotto L, Macario A. Focusing Feedback: How a Web-Based Tool Enhances the Quality of Feedback Conversations. ASA anual meeting, Chicago, October 2016.
31. Anwar A, Macario A, Tanaka P. Initial Use of a Web App for Mobile Access to Classroom Based Lectures in An Anesthesia Residency. SEA, Jacksonville, FL, April 2017.
32. Sacks S, Fronk J, Tanaka P. Training Anesthesia Residents To Effectively Lead Difficult Family Conversations: A Novel Communications Curriculum in the Medical Intensive Care Unit. WARC 2017, Portland, April 2017.
33. Thomsen J, Tanaka P, Marty A, Macario A. Optimizing Neuromuscular monitoring in general anesthesia via e-learning. Stanford Innovations in Medical Education Conference, Stanford University School of Medicine, Stanford, CA, USA, May 2017.
34. Tanaka P, Adriano A, Park YS, Macario A. Development of a mock objective structured clinical examination (OSCE) using the American Board of Anesthesiology content outline for the OSCE component of the Applied Certification Examination. American Education Research Association (AERA), New York, USA, April 2018.
35. Haight E, Tanaka P, Brock-Utne J, Macario A, Tawfik V. A Structured Research Program During Residency Increases Academic Productivity of Graduates: The Stanford Experience. Western Anesthesia Residents Conference, San Diego, USA, May 2018.
36. Bettini A, Kim R, Tanaka P. Resident-Based Assessment of Intraoperative Teaching in Anesthesiology. Western Anesthesia Residents Conference, San Diego, USA, May 2018.
37. Tanaka P, Park YS, Macario A. "Learning trajectories in GME". ACGME Annual Meeting, Orlando, USA, March 2019.
38. Tanaka P, Park YS, Macario A. Reliability Analyses of the Objective Structured Clinical Examination (OSCE) Component of the Applied Certification Examination using Generalizability Theory. IARS Annual Meeting, Montreal, Canada, May 2019.

INVITED PRESENTATIONS

1988

1. "Skin Cancer." Faculdade Evangélica de Medicina do Paraná, Curitiba, Paraná, Brazil, February 1988.
2. "Cholecystites." Faculdade Evangélica de Medicina do Paraná, Curitiba, Paraná, Brazil, March 1988.

1992

3. "HIV." Curitiba, Paraná, Brazil, September 1992.

1994

4. "Cardiovascular Pharmacology." Federal University of Paraná, Curitiba, Paraná, Brazil, June 1994.
5. "Hepatic Diseases." Paraná Society of Anesthesiology, Curitiba, Paraná, Brazil, July 1994.

1995

6. "Endocrine System and Anesthesia." Federal University of Paraná, Curitiba, Paraná, Brazil, September 1995.
7. "Anesthesia for ENT Surgery." Federal University of Paraná, Curitiba, Paraná, Brazil, September 1995.
8. "Renal System and Anesthesia." Federal University of Paraná, Curitiba, Paraná, Brazil, October 1995.

1997

9. "Post-dural puncture Headache." Paranaense Society of Anesthesiology, Curitiba, Paraná, Brazil, July 1997.

1998

10. "New Neuromuscular Blockers." Paranaense Society of Anesthesiology, Curitiba, Paraná, Brazil, March 1998.
11. "Acute Pain Management." Londrina State University, Londrina, Paraná, Brazil, August 1998.
12. "AINES". Londrina State University, Londrina, Paraná, Brazil, August 1998.

1999

13. "Pre-Anesthetic Evaluation." Federal University of Paraná, Curitiba, Paraná, Brazil, April 1999.
14. "Discharge Criteria for Ambulatory Patients." Paranaense Society of Anesthesiology, Curitiba, Paraná, Brazil, May 1999.

2000

15. "Pre-Anesthetic Evaluation." Federal University of Paraná, Curitiba, Paraná, Brazil, March 2000.
16. "Labor Analgesia." Paraná Society of Obstetrics and Gynecology, Curitiba, Paraná, Brazil, March 2000.
17. "Coagulopathies in Obstetrics." Paranaense Society of Anesthesiology, Curitiba, Paraná, Brazil, August 2000.
18. "Pre-operative Tests." Paraná Medical Association, Curitiba, Paraná, Brazil, August 2000.
19. Case Discussant. "Surgical Infections." Federal University of Paraná, Curitiba, Paraná, Brazil, September 2000.
20. "Physiology and Pharmacology in COPD Patient." São Paulo Society of Anesthesiology, São Paulo, Brazil, November 2000.
21. Case Discussant. "Neurosurgery: Posterior Fossa." São Paulo Society of Anesthesiology, São Paulo, Brazil, November 2000.

2001

22. "Clinical use of Levobupivacaine." Paranaense Society of Anesthesiology, Curitiba, Paraná, Brazil, April 2001.
23. "Anticoagulants." Paranaense Society of Anesthesiology, Curitiba, Paraná, Brazil, April 2001.
24. "Anesthetic Evaluation." Paranaense Society of Anesthesiology, Curitiba, Paraná, Brazil, June 2001.
25. "Anticoagulants and Regional Anesthesia." Department of Vascular Surgery, Nossa Senhora das Graças Hospital, Curitiba, Paraná, Brazil, June 2001.
26. Case discussant. "Cardiac Arrest after Spinal Anesthesia." Paranaense Society of Anesthesiology, Cascavel, Paraná, Brazil, June 2001.
27. "Sedation in Critical Care." Paraná Critical Care Society, Curitiba, Paraná, Brazil, September 2001.
28. "Lung Evaluation." Pernambuco Society of Anesthesiology, Recife, Brazil, November 2001.
29. Case Discussant. "Diabetic patient submitted to appendectomy." Pernambuco Society of Anesthesiology, Recife, Brazil, November 2001.
30. "Anesthesia for Stereotaxic Procedures." Pernambuco Society of Anesthesiology, Recife, Brazil, November 2001.

2002

31. "Epidural in Obstetrics." Rio Grande do Sul Society of Anesthesia, Gramado, Brazil, April 2002.
32. "Levobupivacaine." Rio Grande do Sul Society of Anesthesia, Gramado, Brazil, April 2002.
33. Case moderator. "Morbid Obesity." Rio Grande do Sul Society of Anesthesia, Gramado,

Brazil, April 2002.

34. "Blood Substitutes." São Paulo Society of Anesthesiology, São Paulo, Brazil, May 2002.
35. Moderator, free poster session 'Inhaled Anesthesia.' Santa Catarina State Society of Anesthesiology, Joinville, Santa Catarina, Brazil, November 2002.
36. "Transitory Neurologic Symptoms." Santa Catarina State Society of Anesthesiology, Joinville, Santa Catarina, Brazil, November 2002.

2003

37. Chairman, Panel, "How and when to introduce alpha-2 agonists in anesthesia?" Paranaense Society of Anesthesiology, Curitiba, Paraná, Brazil, April 2003.
38. "Morbid Obesity." Paranaense Society of Anesthesiology, Curitiba, Paraná, Brazil, April 2003.
39. Chairman, Panel, "Implications of Neuromuscular Blockers", Paranaense Society of Anesthesiology, Curitiba, Paraná, Brazil, April 2003.
40. "Post-operative Care of Obese Patients." Santa Casa de Ribeirão Preto Hospital, Ribeirão Preto, São Paulo, Brazil, August 2003.
41. "Spinal anesthesia and Morbid Obesity." Goiás State Society of Anesthesiology, Goiânia, Goiás, Brazil, August 2003.
42. "Challenges in Anesthesia." Pontifícia University Catholic of Paraná, Curitiba, Paraná, Brazil, August 2003.
43. "Local Anesthesia and Facial Blocks." Internal Medicine Department, Federal University of Paraná, Curitiba, Paraná, Brazil, August 2003.
44. "Dexmedetomidine in Laparoscopic Surgery." Pernambuco Society of Anesthesiology, Recife, Brazil, September 2003.
45. "Mechanical Ventilation and Obesity." Pernambuco Society of Anesthesiology, Recife, Brazil, September 2003.
46. Chairman, Panel, "Invasive Cardiovascular Monitoring." Pernambuco Society of Anesthesiology, Recife, Brazil, September 2003.
47. "Brachial Plexus", Instructor Workshop, Asian and Oceanic Society of Regional Anesthesia, Bangkok, Thailand, November 2003.
48. Case Discussant, " Cardiac Arrest in a Morbidly Obese Patient." Distrito Federal Society of Anesthesiology, Brasília, Distrito Federal, November 2003.
49. Chairman, Panel, "Anesthesia and Obesity." Distrito Federal Society of Anesthesiology, Brasília, Distrito Federal, November 2003.

2004

50. "Anesthesia for Bariatric Surgery." Piauí State Society of Anesthesiology, Teresina, Piauí, Brazil, March 2004.
51. "Anesthesia for Plastic Surgery." Brazilian Society of Plastic Surgery, Curitiba, Paraná, Brazil, March 2004.
52. "Hepatic Disease and Anesthesia." Paranaense Society of Anesthesiology, Curitiba, Paraná, Brazil, April 2004.
53. "Anesthetic Waste." Paranaense Society of Anesthesiology, Curitiba, Paraná, Brazil, May 2004.
54. "Anesthetic Management in a Patient with Hepatic Disease." Santa Catarina State Society of Anesthesiology, Florianópolis, Santa Catarina, Brazil, May 2004.
55. "Bupivacaine Enantiomeric Mixture: Epidural Experience." Santa Catarina State Society of Anesthesiology, Florianópolis, Santa Catarina, Brazil, May 2004.
56. Case Discussant, "Anesthetic Management in DOPC Submitted to Laparoscopy." Santa Catarina State Society of Anesthesiology, Florianópolis, Santa Catarina, Brazil, May 2004.
57. "Novabupi: Pharmacology." Rio de Janeiro State Society of Anesthesiology, Rio de Janeiro, Brazil, May 2004.
58. "Opiates Pharmacology in Obesity." Rio de Janeiro State Society of Anesthesiology, Rio de Janeiro, Brazil, May 2004.

59. "Anesthesia for Gastroplasty Surgery." Rio Grande do Sul Society of Anesthesia, Porto Alegre, Brazil, June 2004.
60. "How to Avoid Pollution in the OR." Pernambuco Society of Anesthesiology, Recife, Brazil, June 2004.
61. "Bupivacaine Isomers." Pernambuco Society of Anesthesiology, Recife, Brazil, June 2004.
62. "Anesthesia for Bariatric Surgery." Espírito Santo State Society of Anesthesiology, Vitória, Espírito Santo, Brazil, July 2004.
63. "Airway Management". Instructor Workshop, European Federation for ENT Surgery, Rhodos, Greece, September 2004.
64. "Methods for Pain Evaluation", Federal University of Paraná, Curitiba, Paraná, Brazil, September 2004.
65. "Bupivacaine: Actual State." Paranaense Society of Anesthesiology, Maringá, Paraná, Brazil, October 2004.
66. "Airway Management". Instructor Workshop. Brazilian Society of Anesthesiology, Curitiba, Paraná, Brazil, November 2004.
67. Chairman, Panel, "Factor VIIa Recombinant". Brazilian Society of Anesthesiology, Curitiba, Paraná, Brazil, November 2004.
68. Chairman, Panel, "Ketorolac for Acute Pain Management". Brazilian Society of Anesthesiology, Curitiba, Paraná, Brazil, November 2004.

2005

69. "Post-op in Bariatric Surgery." Pernambuco State Society of Anesthesiology, Recife, Pernambuco, Brazil, March 2005.
70. "Levobupivacaine in Enantiomeric Excess of 50%". Pernambuco State Society of Anesthesiology, Recife, Pernambuco, Brazil, March 2005.
71. "Why Obesity is a Problem". Rio Grande do Sul Society of Anesthesia, Gramado, Brazil, April 2005.
72. "Levobupivacaine". Rio Grande do Sul Society of Anesthesia, Gramado, Brazil, April 2005.
73. Chairman, Forum, "How to Teach Anesthesia". Rio Grande do Sul Society of Anesthesia, Gramado, Brazil, April 2005.
74. "Optic Ischemia After Spinal Surgery". Albert Einstein Hospital, São Paulo, Brazil, May 2005.
75. "Regional Anesthesia Complications". Albert Einstein Hospital, São Paulo, Brazil, May 2005.
76. "Anesthetic Evaluation, Monitoring and Analgesia". Guarapuava Medical Association, Guarapuava, Brazil, May 2005.
77. "Remifentanyl". Paranaense Society of Anesthesiology, Curitiba, Brazil, August 2005.
78. "Hepatic Protection in Emergency Surgery". Matogrossense Society of Anesthesiology, Cuiabá, MT, Brazil, August 2005.
79. "Pain Assessment". Federal University of Paraná, Curitiba, PR, Brazil, August 2005.
80. "Bronchial hyperreactivity". Brazilian Society of Anesthesiology, Goiânia, GO, Brazil, November 2005.
81. Chairman, Panel, "Anesthesia for Morbid Obesity". Brazilian Society of Anesthesiology, Goiânia, GO, Brazil, November 2005.
82. "Organic Alterations after Bariatric Surgery". Brazilian Society of Anesthesiology, Goiânia, GO, Brazil, November 2005.

2006

83. "Complications of Continuous Regional Analgesia". 2nd World Congress on Regional Anesthesia and Pain Therapy, Rio de Janeiro, RJ, Brazil, March 2006.
84. "Anesthetic Exposure". Paranaense Society of Anesthesiology, Curitiba, PR, Brazil, March 2006.

85. "New Concepts in a Full Stomach Patient". Santa Catarina State Society of Anesthesiology, Joinville, SC, Brazil, April 2006.
86. "Intensive Care in Bariatric Surgery". Santa Catarina State Society of Anesthesiology, Joinville, SC, Brazil, April 2006.
87. "Novabupi - Clinical Experience". Santa Catarina State Society of Anesthesiology, Joinville, SC, Brazil, April 2006.
88. "Workshop on LMA". São Paulo Society of Anesthesiology, São Paulo, Brazil, May 2006.
89. "Cost Benefit on Reprocessing Regional Anesthesia Tray". São Paulo Society of Anesthesiology, São Paulo, Brazil, May 2006.
90. "Challenge in Ventilation of Morbid Obese Patient". Distrito Federal Society of Anesthesiology, Brasília, Distrito Federal, June 2006.
91. "Local Anesthetics are Safe Drugs?". Unimed-RS, Caxias do Sul, RS, Brazil, August 2006.
92. "Perioperative Management of Bariatric Patient", Mato Grosso do Sul Society of Anesthesiology, Bonito, MS, Brazil, August 2006.
93. "Laryngeal Mask How to Use It", Mato Grosso do Sul Society of Anesthesiology, Bonito, MS, Brazil, August 2006.
94. "Airway Workshop – LMA", Rio Grande do Sul Society of Anesthesia, Livramento, RS, Brazil, September 2006.
95. "Metabolic Syndrome and Anesthesia", Brazilian Society of Anesthesiology, Rio de Janeiro, RJ, Brazil, November 2006.
96. "Outcomes in Vascular Surgery after General and Regional Anesthesia", Brazilian Society of Anesthesiology, Rio de Janeiro, RJ, Brazil, November 2006.

2007

97. Chairman, Panel, "Anesthesia for Morbid Obesity", Paranaense Society of Anesthesiology, Curitiba, PR, Brazil, April 2007.
98. "Anesthetic Considerations in Bariatric Surgery", Grand Rounds, Department of Anesthesia, Stanford University School of Medicine, Palo Alto, CA, US, August 2007.
99. "Inhaled anesthetics: A look in the elderly", Brazilian Society of Anesthesiology Annual Meeting, Natal, RN, Brazil, November 2007.
100. Chairman, Panel, "The future of Anesthesiology Practice", Brazilian Society of Anesthesiology Annual Meeting, Natal, RN, Brazil, November 2007.
101. "Bronchial Hyperactivity in the perioperative period", Brazilian Society of Anesthesiology Annual Meeting, Natal, RN, Brazil, November 2007.
102. Chairman, Panel, "Cardiac Disease in the Elderly", Brazilian Society of Anesthesiology Annual Meeting, Natal, RN, Brazil, November 2007.

2008

103. "Complications With Neuroaxial Block", Indonesian Society of Anesthesiology, Jakarta, Indonesia, February 2008.
104. "Airway Workshop", Instructor, International Anesthesia Research Society Annual Congress, San Francisco, CA, USA, March 2008.
105. Case Discussant. "A 65 yr old male with ESRD s/f A/P thoracic spine stabilization for osteomyelitis", Department of Anesthesia, Stanford University School of Medicine, Stanford, CA, USA, March 2008.
106. "The Stanford Difficult Airway Course", Instructor, Paranaense Society of Anesthesiology, Curitiba, PR, Brazil, May 2008.
107. Case Discussant. "A 71 yr old female with a complex medical history who presents for total knee arthroplasty (TKA)", Department of Anesthesia, Stanford University School of Medicine, Stanford, CA, USA, June 2008.
108. "Anesthesia for Major Orthopedic Surgery", Paranaense Society of Anesthesiology,

- Maringa, PR, Brazil, August 2008.
109. "Update on Laryngeal Mask Airway", Paranaense Society of Anesthesiology, Maringa, PR, Brazil, August 2008.
 110. "Workshop on Laryngeal Mask Airway", Instructor, Paranaense Society of Anesthesiology, Maringa, PR, Brazil, August 2008.
 111. "Anesthesia for TKA and THA", Federal University of Parana, Curitiba, PR, Brazil, August 2008.
 112. "The Stanford Difficult Airway Course", Instructor, Department of Anesthesia, Stanford University School of Medicine, Stanford, CA, USA, August 2008.
 113. "Safety in Loco-regional Anesthesia", Brazilian Society of Anesthesiology Annual Meeting, Sao Paulo, SP, Brazil, November 2008.
 114. "Perioperative Respiratory Care in morbidly obese patients submitted to Laparoscopic Gastric Bypass", Brazilian Society of Anesthesiology Annual Meeting, Sao Paulo, SP, Brazil, November 2008.
 115. "Criteria for preoperative fasting for the morbid obese patient", Brazilian Society of Anesthesiology Annual Meeting, Sao Paulo, SP, Brazil, November 2008.
 116. "Combined Anesthesia Techniques for the Morbidly Obese Patient", Brazilian Society of Anesthesiology Annual Meeting, Sao Paulo, SP, Brazil, November 2008.
 117. "Epidural analgesia in the Morbidly Obese", Brazilian Society of Anesthesiology Annual Meeting, Sao Paulo, SP, Brazil, November 2008.

2009

118. Case Discussant. "An 81 yr old female with multiple medical issues for right hip arthroplasty", Department of Anesthesia, Stanford University School of Medicine, Stanford, CA, USA, January 2009.
119. "Workshop on Airway Management for Medical Students", Instructor, ANES 202. Anesthesiology and Pathophysiologic Implications for the Perioperative Patient, Department of Anesthesia, Stanford University School of Medicine, Stanford, CA, USA, February 2009.
120. "Regional Anaesthesia and the Morbid Obese Patient", Indonesian Society of Anesthesiology, Jakarta, Indonesia, February 2009.
121. "Supraglottic Airway Management", Instructor, Indonesian Society of Anesthesiology, Jakarta, Indonesia, February 2009.
122. Moderator. "Introduction to PBLD", Department of Anesthesia, Stanford University School of Medicine, Stanford, CA, USA, August 2009.
123. "The Stanford Difficult Airway Course", Department of Anesthesia, Stanford University School of Medicine, Stanford, CA, USA, August 2009.
124. Case Discussant. "Obstructive Sleep Apnea", Department of Anesthesia, Stanford University School of Medicine, Stanford, CA, USA, September 2009.
125. "The Stanford Difficult Airway Course", Instructor, Pernambuco Society of Anesthesiology, Recife, Brazil, September 2009.
126. "Volemic reposition in the trauma patient". Pernambuco Society of Anesthesiology, Recife, Brazil, September 2009.
127. "Pitfalls in regional anesthesia", Paranaense Society of Anesthesiology, Foz do Iguacu, Brazil, September 2009.
128. "Workshop on Laryngeal Mask Airway", Instructor, Paranaense Society of Anesthesiology, Foz do Iguacu, PR, Brazil, September 2009.
129. "The Stanford Difficult Airway Course", Instructor, Chinese Society of Anesthesiology, Beijing, China, October 2009.
130. "Workshop on Airway Management". Instructor, Bahia Society of Anesthesiology, Salvador, BA, Brazil, November 2009.

131. "Mechanical ventilation and respiratory complication in the morbid obese patient". Bahia Society of Anesthesiology, Salvador, BA, Brazil, November 2009.
132. "Biomarkers in abdominal surgery". Bahia Society of Anesthesiology, Salvador, BA, Brazil, November 2009.
133. Moderator "Free paper presentations: Obesity module". Bahia Society of Anesthesiology, Salvador, BA, Brazil, November 2009.

2010

134. "Difficult airway management: Basic and advance concepts". Course director, Joint meeting 7th Obstetric Anesthesia Society of Asia Oceania, 7th International Annual Meeting of ISOA ISRA and Pain Medicine, Jakarta, Indonesia, February 2010.
135. "Difficult airway management: Basic and advance concepts". Instructor, Joint meeting 7th Obstetric Anesthesia Society of Asia Oceania, 7th International Annual Meeting of ISOA ISRA and Pain Medicine, Jakarta, Indonesia, February 2010.
136. "ASA difficult airway algorithm". Joint meeting 7th Obstetric Anesthesia Society of Asia Oceania, 7th International Annual Meeting of ISOA ISRA and Pain Medicine, Jakarta, Indonesia, February 2010.
137. Chairman, Panel "Airway management". Joint meeting 7th Obstetric Anesthesia Society of Asia Oceania, 7th International Annual Meeting of ISOA ISRA and Pain Medicine, Jakarta, Indonesia, February 2010.
138. "Fluid therapy in the trauma patient". Joint meeting 7th Obstetric Anesthesia Society of Asia Oceania, 7th International Annual Meeting of ISOA ISRA and Pain Medicine, Jakarta, Indonesia, February 2010.
139. "Workshop on difficult airway management". Course director, North-Northeast Anesthesia Meeting, Joao Pessoa, Brazil, March 2010.
140. "Workshop on difficult airway management". Instructor: Fiber-optic station, North-Northeast Anesthesia Meeting, Joao Pessoa, Brazil, March 2010.
141. "Organ protection with inhaled anesthetics: what should every anesthesiologist know about it". North-Northeast Anesthesia Meeting, Joao Pessoa, Brazil, March 2010.
142. "Evidence based on the ASA difficult airway algorithm". North-Northeast Anesthesia Meeting, Joao Pessoa, Brazil, March 2010.
143. "Physiologic modifications in the morbidly obese patient". 45th South Brazilian Anesthesia Meeting, Curitiba, Brazil, May 2010.
144. "Workshop on Regional Anesthesia US guided". Course Co-director. 45th South Brazilian Anesthesia Meeting, Curitiba, Brazil, May 2010.
145. "Workshop on Regional Anesthesia US guided". Instructor: Femoral block. 45th South Brazilian Anesthesia Meeting, Curitiba, Brazil, May 2010.
146. "How to improve perioperative results". 45th South Brazilian Anesthesia Meeting, Curitiba, Brazil, May 2010.
147. "How to stratify anesthetic risk". 45th South Brazilian Anesthesia Meeting, Curitiba, Brazil, May 2010.
148. "Anesthesia Training Program at Stanford University". 45th South Brazilian Anesthesia Meeting, Curitiba, Brazil, May 2010.
149. "Workshop on difficult airway management". Instructor: Retrograde intubation, 7th Paulista congress of Anesthesiology, Sao Paulo, Brazil, June 2010.
150. "Difficult airway Workshop". Instructor. Department of Anesthesia, Stanford University School of Medicine, Stanford, CA, USA, August 2010.
151. "Fiberoptic Workshop". Instructor. Department of Anesthesia, Stanford University School of Medicine, Stanford, CA, USA, August 2010.
152. Case Discussant – CA1, Department of Anesthesia, Stanford University School of Medicine, Stanford, CA, USA, September 2010.
153. "Markers for fluid resuscitation". Brazilian Society of Anesthesiology Annual Meeting,

- Porto Alegre, Brazil, November 2010.
154. "Albumin. What is the evidence behind its use". Brazilian Society of Anesthesiology Annual Meeting, Porto Alegre, Brazil, November 2010.
 155. Moderator panel "Perioperative fluid optimization". Brazilian Society of Anesthesiology Annual Meeting, Porto Alegre, Brazil, November 2010.
 156. "Workshop on difficult airway management". Course director, Brazilian Society of Anesthesiology Annual Meeting, Porto Alegre, Brazil, November 2010.
 157. "Workshop on difficult airway management". Instructor, Brazilian Society of Anesthesiology Annual Meeting, Porto Alegre, Brazil, November 2010.
 158. "Evidence based decision in airway management". Brazilian Society of Anesthesiology Annual Meeting, Porto Alegre, Brazil, November 2010.

2011

159. "Workshop on Airway Management for Medical Students", Instructor, ANES 202. Anesthesiology and Pathophysiologic Implications for the Perioperative Patient, Department of Anesthesia, Stanford University School of Medicine, Stanford, CA, USA, January 2011.
160. Chairman, Panel "Difficult Airway Management". North-Northeast Anesthesia Meeting, Natal, Brazil, March 2011.
161. "Workshop on difficult airway management". Instructor, North-Northeast Anesthesia Meeting, Natal, Brazil, March 2011.
162. "Workshop on difficult airway management". Instructor, 46th South Brazilian Anesthesia Meeting, Joinville, Brazil, April 2011.
163. "Optimizing perfusion in the Critical ill patient". 46th South Brazilian Anesthesia Meeting, Joinville, Brazil, April 2011.
164. "Difficult airway management: Basic and advance concepts". Course director and instructor. 11th Asian & Oceanic Society of Regional Anesthesia and Pain Medicine Congress, Denpasar, Indonesia, May 2011.
165. "ASA Difficult airway algorithm". 11th Asian & Oceanic Society of Regional Anesthesia and Pain Medicine Congress, Denpasar, Indonesia, May 2011.
166. "The unexpected difficult airway". 11th Asian & Oceanic Society of Regional Anesthesia and Pain Medicine Congress, Denpasar, Indonesia, May 2011.
167. "How to prevent delirium in the elderly". 45th Southeast Brazilian Anesthesia Meeting, Belo Horizonte, Brazil, June 2011.
168. "Processed EEG: Critical analysis". 45th Southeast Brazilian Anesthesia Meeting, Belo Horizonte, Brazil, June 2011.
169. "Workshop on Regional Anesthesia US guided". Instructor: Femoral block. Pernambuco Society of Anesthesiology, Porto de Galinhas, Brazil, September 2010.
170. "Difficult airway management WS". Course director and instructor. Brazilian Society of Anesthesiology Annual Meeting, Fortaleza, Brazil, November 2011.
171. "Volemic reposition in total joint surgery". Brazilian Society of Anesthesiology Annual Meeting, Fortaleza, Brazil, November 2011.
172. "Minimizing POCD in the elderly". Brazilian Society of Anesthesiology Annual Meeting, Fortaleza, Brazil, November 2011.
173. "Anesthesia for total hip replacement". Moderator, Brazilian Society of Anesthesiology Annual Meeting, Fortaleza, Brazil, November 2011.

2012

174. "Workshop on Airway Management for Medical Students", Instructor, ANES 202. Anesthesiology and Pathophysiologic Implications for the Perioperative Patient,

- Department of Anesthesia, Stanford University School of Medicine, Stanford, CA, USA, January 2012.
175. "Difficult airway management: Basic and advance concepts". Course director and instructor. 9th International Annual Meeting of Indonesian Society of Regional Anesthesia, Jakarta, Indonesia, February 2012.
 176. "Management of the unexpected difficult airway". 9th International Annual Meeting of Indonesian Society of Regional Anesthesia, Jakarta, Indonesia, February 2012.
 177. "Optimizing the critically ill patient". 9th International Annual Meeting of Indonesian Society of Regional Anesthesia, Jakarta, Indonesia, February 2012.
 178. "Evolve: A Multi-year simulation-based curriculum for anesthesia residents transitioning into competent supervising anesthesiologists". Instructor, Department of Anesthesia, Stanford University School of Medicine, Stanford, CA, USA, April 2012.
 179. "Goals and objectives for programs and learners". Teaching Scholar Program, Department of Anesthesia, Stanford University School of Medicine, Stanford, CA, USA, April 2012.
 180. "Difficult airway round table". Moderator, 10th Annual Stanford Anesthesia Residency Refresher Course (Class CA1), Department of Anesthesia, Stanford University School of Medicine, Stanford, CA, USA, April 2012.
 181. "Post-op pain management in total joint surgery". 9th Paulista Congress of Anesthesiology, Sao Paulo, Brazil, May 2012.
 182. "Post-op Cognitive Dysfunction. What do we know?". 9th Paulista Congress of Anesthesiology, Sao Paulo, Brazil, May 2012.
 183. "How to manage Myocardial Isquemia intraoperatively". 9th Paulista Congress of Anesthesiology, Sao Paulo, Brazil, May 2012.
 184. "FOB or videolaryngoscopy: When and how?". 9th Paulista Congress of Anesthesiology, Sao Paulo, Brazil, May 2012.
 185. "Multi-specialty division review". 10th Annual Stanford Anesthesia Residency Refresher Course (Class CA3), Department of Anesthesia, Stanford University School of Medicine, Stanford, CA, USA, June 2012.
 186. "Anesthetic Management of Femoral Neck Fracture in a Geriatric Patient". 10th Annual Stanford Anesthesia Residency Refresher Course (Class CA2), Department of Anesthesia, Stanford University School of Medicine, Stanford, CA, USA, June 2012.
 187. "Innovation in Non-invasive monitoring with emphasis in patient safety". I International symposium on patient safety and quality, Albert Einstein Hospital, Sao Paulo, Brazil, June 2012.
 188. "Capturing Useful Assessment Data: Eliminating Unintended Cognitive Bias from your Evaluation Instruments". Teaching Scholar Program, Department of Anesthesia, Stanford University School of Medicine, Stanford, CA, USA, July 2012.
 189. "Difficult airway Workshop". Instructor. Department of Anesthesia, Stanford University School of Medicine, Stanford, CA, USA, August 2012.
 190. "Clinical Vignette for CA1 class". Department of Anesthesia, Stanford University School of Medicine, Stanford, CA, USA, August 2012.
 191. "Prospective Validation of Airway Algorithm for Brazil. Pilot Assessment ". Pernambuco Society of Anesthesiology, Pernambuco, Brazil, September 2012.
 192. "Airway Management Workshop." Coordinator and instructor. Pernambuco Society of Anesthesiology, Pernambuco, Brazil, September 2012.
 193. "Desflurane: clinical implications." Pernambuco Society of Anesthesiology, Pernambuco, Brazil, September 2012.
 194. "How can we transform anesthesia in Brazil." Pernambuco Society of Anesthesiology, Pernambuco, Brazil, September 2012.
 195. "Anesthesia for Orthopedic Surgery". Pernambuco Society of Anesthesiology, Pernambuco, Brazil, September 2012.
 196. "Advanced Airway Management". Department of Anesthesia, University California

- Irvine, Irvine, September 2012.
197. "Advanced Airway Workshop". Coordinator and instructor. Department of Anesthesia, University California Irvine, Irvine, September 2012.
 198. "Inhaled x TIVA". Brazilian Society of Anesthesiology Annual Meeting, Belo Horizonte, Brazil, October 2012.
 199. "Morbidly obese patient for outpatient surgery". Brazilian Society of Anesthesiology Annual Meeting, Belo Horizonte, Brazil, October 2012.
 200. "Elderly patient for a orthopedic surgery". Brazilian Society of Anesthesiology Annual Meeting, Belo Horizonte, Brazil, October 2012.
 201. "Post-operative cognitive dysfunction in the elderly". Brazilian Society of Anesthesiology Annual Meeting, Belo Horizonte, Brazil, October 2012.
 202. "Critical analysis on Fluid monitoring". Brazilian Society of Anesthesiology Annual Meeting, Belo Horizonte, Brazil, October 2012.
 203. "Perioperative management of myocardial Infarction". Brazilian Society of Anesthesiology Annual Meeting, Belo Horizonte, Brazil, October 2012.
 204. "Enhance recovery: Is there a role for desflurane". Brazilian Society of Anesthesiology Annual Meeting, Belo Horizonte, Brazil, October 2012.
 205. "Laryngeal mask airway: benefits of its use in routine practice". Brazilian Society of Anesthesiology Annual Meeting, Belo Horizonte, Brazil, October 2012.
 206. "Technology in medical education". Sao Paulo University, Sao Paulo, Brazil, October 2012.
 207. "Education Technology in anesthesia". Brazilian Society of Anesthesiology Annual Meeting, Belo Horizonte, Brazil, October 2012.
 208. "Clinical Vignette". CA-1 lecture Program, Department of Anesthesia, Stanford University School of Medicine, Stanford, CA, USA, November 2012.
 209. "Stanford Anesthesia Teaching Scholars Program: Summary of Faculty Development, Projects, and Outcomes". Medical Education Seminar, Stanford University School of Medicine, Stanford, CA, USA, December 2012.
 210. "Pre-Medication and Axiolysis". Department of Anesthesia, Stanford University School of Medicine, Stanford, CA, USA, December 2012.

2013

211. "Workshop on Airway Management", Workshop Leader and Instructor. 3rd World Congress of Regional Anaesthesia and Pain Therapy, Sidney, Australia, February 2013.
212. "Regional anesthesia and cognitive function". 3rd World Congress of Regional Anaesthesia and Pain Therapy, Sidney, Australia, February 2013.
213. "Bridging technology and education in anesthesia". 3rd World Congress of Regional Anaesthesia and Pain Therapy, Sidney, Australia, February 2013.
214. "Evolve: A Multi-year simulation-based curriculum for anesthesia residents transitioning into competent supervising anesthesiologists". Instructor, Department of Anesthesia, Stanford University School of Medicine, Stanford, CA, USA, February 2013.
215. "Problem based clinical discussion – Morbidly obese patient with OSA to be submitted to a Laparoscopic surgery". CA-1 lecture Program, Department of Anesthesia, Stanford University School of Medicine, Stanford, CA, USA, March 2013.
216. "Board Oral Group Discussion" - 11th Annual Residency Refresher Course (CA-2), Department of Anesthesia, Stanford University School of Medicine, Stanford, CA, USA, April 2013.
217. "Goals and objectives for programs and learners". Teaching Scholar Program, Department of Anesthesia, Stanford University School of Medicine, Stanford, CA, USA, April 2013.
218. "Anesthetic Management of Hip Fracture in the elderly". 48th South Brazilian

- Anesthesia Meeting, Curitiba, Brazil, May 2013.
219. "Post-operative delirium". 48th South Brazilian Anesthesia Meeting, Curitiba, Brazil, May 2013.
 220. "Airway Workshop". Instructor. 48th South Brazilian Anesthesia Meeting, Curitiba, Brazil, May 2013.
 221. "Arterial Pressure Regulation and Hypertension". Facilitator, Human Health and Disease Course (HHD221), Stanford School of Medicine, Stanford, CA, USA, May 2013.
 222. "Managing a Career Trajectory in Medical Education". Rathmans Fellows Discussion, Stanford Center for Medical Education Research and Innovation (SCeMERI), Stanford, CA, USA, May 2013.
 223. "Cardiovascular Lab Session". Facilitator, Human Health and Disease Course (HHD221), Stanford School of Medicine, Stanford, CA, USA, May 2013.
 224. "Anatomy for the Anesthesiologist". CA-1 lecture Program, Department of Anesthesia, Stanford University School of Medicine, Stanford, CA, USA, August 2013.
 225. "Principles in Adult Learning". Rathmans Fellows Discussion, Stanford Center for Medical Education Research and Innovation (SCeMERI), Stanford, CA, USA, August 2013.
 226. "Ankle Block – Anatomy". Libero Lecture Program, Department of Anesthesia, Stanford University School of Medicine, Stanford, CA, USA, August 2013.
 227. "Workshop on simulation". Instructor, Pernambuco Society of Anesthesiology, Pernambuco, Brazil, September 2013.
 228. "Anesthetic management for hip fracture in the elderly". Pernambuco Society of Anesthesiology, Pernambuco, Brazil, September 2013.
 229. "Clinical criteria for selecting airway tools". Pernambuco Society of Anesthesiology, Pernambuco, Brazil, September 2013.
 230. "Using Deliberate Practice to Develop Your Curriculum: An Interactive Workshop". Instructor. Simulation Summit 2013, Royal College of Physicians and Surgeons of Canada, Vancouver, November 2013.
 231. "Multimodal approach for hip fracture". Brazilian Society of Anesthesiology Annual Meeting, Aracaju, Brazil, November 2013.
 232. "The 10 commandments in Airway Management". Brazilian Society of Anesthesiology Annual Meeting, Aracaju, Brazil, November 2013.
 233. "Stanford Advanced Airway Management and Fiberoptic Course". Instructor, Stanford University School of Medicine, Stanford, CA, USA, November 2013.
 234. "Fat embolism". Libero Lecture Program, Department of Anesthesia, Stanford University School of Medicine, Stanford, CA, USA, December 2013.
 235. "Total knee replacement: Regional anesthesia techniques". Libero Lecture Program, Department of Anesthesia, Stanford University School of Medicine, Stanford, CA, USA, December 2013.

2014

236. "Difficult Airway Algorithm". Libero Lecture Program, Department of Anesthesia, Stanford University School of Medicine, Stanford, CA, USA, January 2013.
237. "Workshop Difficult airway management". Instructor – Fiberoptic station. 11th International Annual Meeting of Indonesian Society of Regional Anesthesia and Pain Medicine, Jakarta, Indonesia, February 2014.
238. "Tips for Awake Fiberoptic Intubation". 11th International Annual Meeting of Indonesian Society of Regional Anesthesia and Pain Medicine, Jakarta, Indonesia, February 2014.
239. "Education and Technology: Bridging the gap". 11th International Annual Meeting of Indonesian Society of Regional Anesthesia and Pain Medicine, Jakarta, Indonesia, February 2014.

240. "What is New in Airway Management". 11th International Annual Meeting of Indonesian Society of Regional Anesthesia and Pain Medicine, Jakarta, Indonesia, February 2014.
241. "Development of Professionalism through Effective Feedback. Skills to Enhance Faculty Development". Workshop leader. Innovations in Medical Education, Keck School of Medicine, Los Angeles, CA, February 2014.
242. "Improving Learning Outcomes and Resident Perceptions: The Science and Craft of Milestone-Specific Feedback". Workshop co-leader. ACGME Annual Educational Conference, Washington, DC, February 2014.
243. "Improving Learning Outcomes and Resident Perceptions: The Science and Craft of Milestone-Specific Feedback". Workshop co-leader. Medical Education Seminars Series. Stanford University School of Medicine, Stanford, CA, USA, March 2014.
244. "Spinal Anesthesia spread-factors". Libero Lecture Program, Department of Anesthesia, Stanford University School of Medicine, Stanford, CA, USA, April 2014.
245. "Competency-Based Education in Anesthesiology". Stanford Center for Medical Education Research and Innovation (SCeMERI), Stanford, CA, USA, May 2014.
246. "Defining the Key Roles and Competencies of the Clinician-Educator". Rathmans Fellows Discussion, Stanford Center for Medical Education Research and Innovation (SCeMERI), Stanford, CA, USA, May 2014.
247. "Arterial Pressure Regulation". Human Health and Disease Course (HHD221), Stanford School of Medicine, Stanford, CA, USA, May 2014.
248. "Education and Technology: Bridging the gap". 8th Biennial conference on cardiopulmonary bypass 2012. Malaysian Society of Anesthesiology, Penang, Malaysia, June 2014.
249. "Professionalism and Feedback". 8th Biennial conference on cardiopulmonary bypass 2014. Malaysian Society of Anesthesiology, Penang, Malaysia, June 2014.
250. "Just another day in Ortho". Libero Lecture Program, Department of Anesthesia, Stanford University School of Medicine, Stanford, CA, USA, August 2014.
251. "Principles for Smart Teaching". Medical Education Scholars Program, Stanford University School of Medicine, Stanford, CA, USA, August 2014.
252. "Anatomy for the Anesthesiologist". CA-1 lecture Program, Department of Anesthesia, Stanford University School of Medicine, Stanford, CA, USA, August 2014.
253. "Effective Feedback. Skills to Enhance Faculty Development". Medical Education Scholars Program, Stanford University School of Medicine, Stanford, CA, USA, August 2014.
254. "Magnesium". Libero Lecture Program, Department of Anesthesia, Stanford University School of Medicine, Stanford, CA, USA, August 2014.
255. "Converging trends in technology that are affecting medical education". Institute of Anaesthesiology, University of Zurich, Zurich, Switzerland, September 2014.
256. "Stanford Advanced Airway Management and Fiberoptic Course". Instructor, Stanford University School of Medicine, Stanford, CA, USA, September 2014.
257. "Medical Education in the 21st Century". Department of Dermatology, Faculdade Evangelica do Parana, Curitiba, Brazil, October 2014.
258. "2nd International Simulation Course for Instructors Training", Co-Director, Brazilian Society of Anesthesiology Annual Meeting, Recife, Brazil, November 2014.
259. "Adult Learning Principles". Brazilian Society of Anesthesiology Annual Meeting, Recife, Brazil, November 2014.
260. "Difficult Airway Management Workshop". Co-Director and instructor, Brazilian Society of Anesthesiology Annual Meeting, Recife, Brazil, November 2014.
261. "How to wisely select your airway equipment". Brazilian Society of Anesthesiology Annual Meeting, Recife, Brazil, November 2014.
262. "What is necessary for airway management in the 21st century in Brazil". Brazilian Society of Anesthesiology Annual Meeting, Recife, Brazil, November 2014.

- 263. "Applying learning principles into your residency program". Brazilian Society of Anesthesiology Annual Meeting, Recife, Brazil, November 2014.
- 264. "Feedback in simulation: Debriefing the debrief". Brazilian Society of Anesthesiology Annual Meeting, Recife, Brazil, November 2014.
- 265. "The future of Anesthesia". Brazilian Society of Anesthesiology Annual Meeting, Recife, Brazil, November 2014.

2015

- 266. "Effective Feedback Skills". Stanford Center of Medical Education and Research Innovation, Stanford, CA, USA, January 2015.
- 267. "Ankle Block Anatomic Landmarks". Libero Lecture Program, Department of Anesthesia, Stanford University School of Medicine, Stanford, CA, USA, February 2015.
- 268. "Predictors for difficult mask ventilation combined with difficult DL". Department of Anesthesia, Stanford University School of Medicine, Stanford, CA, USA, March 2015.
- 269. "Cerebral Oximetry: what is its role in anesthesia?". 50th South Brazilian Anesthesia Meeting, Gramado, Brazil, April 2015.
- 270. "Simulation in Anesthesia as a tool for summative evaluation?". 50th South Brazilian Anesthesia Meeting, Gramado, Brazil, April 2015.
- 271. "Videolaryngoscopy update". 50th South Brazilian Anesthesia Meeting, Gramado, Brazil, April 2015.
- 272. "Difficult Airway Management Workshop". Instructor, 50th South Brazilian Anesthesia Meeting, Gramado, Brazil, April 2015.
- 273. "Elective rotation at Stanford for anesthesia resident: What to look for?". 50th South Brazilian Anesthesia Meeting, Gramado, Brazil, April 2015.
- 274. "Arterial Pressure Regulation". Human Health and Disease Course (HHD221), Stanford School of Medicine, Stanford, CA, USA, May 2015.
- 275. "Anatomy review". CA-1 lecture Program, Department of Anesthesia, Stanford University School of Medicine, Stanford, CA, USA, August 2015.
- 276. "Incorporating feedback in daily practice". Libero Lecture Program, Department of Anesthesia, Stanford University School of Medicine, Stanford, CA, USA, August 2015.
- 277. "Crises resource management in Anesthesia Workshop". Co-Director and Instructor, Pernambuco Society of Anesthesiology, Pernambuco, Brazil, September 2015.
- 278. "Benefits of technology for anesthesia practice". Pernambuco Society of Anesthesiology, Pernambuco, Brazil, September 2015.
- 279. "Anticipated difficult airway but not so much?". Libero Lecture Program, Department of Anesthesia, Stanford University School of Medicine, Stanford, CA, USA, September 2015.
- 280. "Stanford Advanced Airway Management and Fiberoptic Course". Instructor, Stanford University School of Medicine, Stanford, CA, USA, September 2015.
- 281. "Anticipated difficult airway: Unstable C-spine". Stanford Advanced Airway Management and Fiberoptic Course, Stanford University School of Medicine, Stanford, CA, USA, September 2015.
- 282. "Conflict resolution: Strategies for navigating the workplace." Workshop co-leader. Medical Education Seminars Series. Stanford University School of Medicine, Stanford, CA, USA, September 2015.
- 283. "Non-invasive hemoglobin monitoring". Libero Lecture Program, Department of Anesthesia, Stanford University School of Medicine, Stanford, CA, USA, October 2015.
- 284. "Conflict Resolution: Strategies for navigating the workplace." Workshop co-leader. Society for Education in Anesthesia. San Diego, CA, USA, October 2015.
- 285. "Clinical Competency Committee in a nutshell". Program Directors Faculty Development Retreat, GME, Stanford University School of Medicine, Stanford, CA, USA, November

- 2015.
286. "Videolaryngoscopy in clinical practice". Brazilian Society of Anesthesiology Annual Meeting, Florianopolis, Brazil, November 2015.
 287. "Non-invasive hemoglobin monitoring". Brazilian Society of Anesthesiology Annual Meeting, Florianopolis, Brazil, November 2015.
 288. "Assessment of clinical skills during residency". Brazilian Society of Anesthesiology Annual Meeting, Florianopolis, Brazil, November 2015.
 289. "Anesthesia crises resource management workshop". Instructor. Brazilian Society of Anesthesiology Annual Meeting, Florianopolis, Brazil, November 2015.
 290. "Converging trends in technology and their impact in medical education". Department of Anesthesiology, Saitama Medical Center, Saitama, Japan, December 2015.

2016

291. "Airway management in the 21st Century". Division of Anesthesiology, Miguel Couto Hospital, Rio de Janeiro, Brazil, March 2016.
292. "Tips and tricks for FOB". Division of Anesthesiology, Miguel Couto Hospital, Rio de Janeiro, Brazil, March 2016.
293. "Workshop in Airway management". Coordinator and instructor. Division of Anesthesiology, Miguel Couto Hospital, Rio de Janeiro, Brazil, March 2016.
294. "Delayed Emergency in the OR". Libero Lecture Program, Department of Anesthesia, Stanford University School of Medicine, Stanford, CA, USA, March 2016.
295. "Key principles for conflict management". Libero Lecture Program, Department of Anesthesia, Stanford University School of Medicine, Stanford, CA, USA, June 2016.
296. "Creating a Positive Learning Climate". Libero Lecture Program, Department of Anesthesia, Stanford University School of Medicine, Stanford, CA, USA, August 2016.
297. "Anatomy review". CA-1 lecture Program, Department of Anesthesia, Stanford University School of Medicine, Stanford, CA, USA, August 2016.
298. Workshop: "The Art of in Office Teaching" Practical Tips For Success... Even When It Is "Too Busy". Swiss Chiropractic Academy Annual Meeting, Davos, Switzerland, September 2016.

2017

299. "Objective Structured Clinical Examination". CA-3 lecture Program, Department of Anesthesia, Stanford University School of Medicine, Stanford, CA, USA, March 2017.
300. Workshop: "Mapping milestones to Entrustable professional activities". Stanford MedX 2017. Stanford University School of Medicine, Stanford, CA, USA, April 2017.
301. "MOCK OSCE – Ignite talk". 10th Annual Center for Immersive and Simulation Learning Symposium, Stanford University School of Medicine, Stanford, CA, USA, May 2017.
302. Workshop: "Entrustable professional activities conceptual design". Stanford Innovations for Medical Education. Stanford University School of Medicine, Stanford, CA, USA, May 2017.
303. Moderator, Plenary presentations. Stanford Innovations in Medical Education Conference, Stanford University School of Medicine, Stanford, CA, USA, May 2017.
304. Moderator, Concurrent Scholarship oral presentations. Stanford Innovations in Medical Education Conference, Stanford University School of Medicine, Stanford, CA, USA, May 2017.
305. Moderator, Round table works in progress. Stanford Innovations in Medical Education Conference, Stanford University School of Medicine, Stanford, CA, USA, May 2017.

306. "EPAs, competencies and milestones". Medical and Bioscience Education Seminar Series, Stanford University School of Medicine, Stanford, CA, USA, May 2017.
307. "Clinical Vignette – OSA, Morbidly obese patient to be submitted to a laparoscopy". Libero Lecture Program, Department of Anesthesia, Stanford University School of Medicine, Stanford, CA, USA, June 2017.
308. "Professionalism". CA-1 Tutorial Course, Department of Anesthesia, Stanford University School of Medicine, Stanford, CA, USA, July 2017.
309. "Laryngeal Anatomy". Libero Lecture Program, Department of Anesthesia, Stanford University School of Medicine, Stanford, CA, USA, August 2017.
310. "Stanford Advanced Airway Management and Fiberoptic Course". Instructor, Stanford University School of Medicine, Stanford, CA, USA, September 2017.
311. "Anticipated difficult airway: Unstable C-spine". Stanford Advanced Airway Management and Fiberoptic Course, Stanford University School of Medicine, Stanford, CA, USA, September 2017.
312. "Unanticipated difficult airway: Case-based discussion". Libero Lecture Program, Department of Anesthesia, Stanford University School of Medicine, Stanford, CA, USA, September 2017.
313. "Educating the educators". University Medical Center Ljubljana, Slovenia, September 2017.
314. "Cognitive apprenticeship". Libero Lecture Program, Department of Anesthesia, Stanford University School of Medicine, Stanford, CA, USA, October 2017.
315. "Role of technology in anesthesia education". International Conference of Anesthesia, Pain, and Intensive Care, online presentation, Islamabad, Pakistan, October 2017.
316. "Entrustable Professional Activities: Creating Meaningful Assessment in Graduate Medical Education". Workshop Leader, Society of Education in Anesthesia, Boston, MA, USA, October 2017.
317. "Use of Web App for mobile access to classroom based lectures in an anesthesia residency". ASA Self-Learning Course on mobile technology in anesthesia education, American Society of Anesthesiology Annual Meeting, Boston, USA, October 2017.
318. "How to engage your residents during your presentation". Brazilian Society of Anesthesiology Annual Meeting, Curitiba, Brazil, November 2017.
319. "Best practices for OR teaching". Brazilian Society of Anesthesiology Annual Meeting, Curitiba, Brazil, November 2017.
320. "Assessment criteria for resident evaluation". Brazilian Society of Anesthesiology Annual Meeting, Curitiba, Brazil, November 2017.
321. "ABC to start your project in medical education". Brazilian Society of Anesthesiology Annual Meeting, Curitiba, Brazil, November 2017.
322. "Multimodal pain management". Panel discussant, Brazilian Society of Anesthesiology Annual Meeting, Curitiba, Brazil, November 2017.
323. "Neuroaxial techniques for Total Knee Replacement". Libero Lecture Program, Department of Anesthesia, Stanford University School of Medicine, Stanford, CA, USA, December 2017.

2018

324. "OSCE: Applied examination". CA3 Lecture Program, Department of Anesthesia, Stanford University School of Medicine, Stanford, CA, USA, January 2018.
325. "Principles and key-points for Anesthesia Crises Management". Pernambuco Society of Anesthesiology, Recife, Brazil, March 2018.
326. Workshop "Anesthesia Crises and Resource Management". Coordinator and instructor. Pernambuco Society of Anesthesiology, Recife, Brazil, March 2018.
327. Workshop "Scaling Up Professional Development for Medical Educators: The Clinical

- Teaching Seminar Series". 2018 AAMC Continuum Connections Joint Meeting, Orlando, FL, USA, April 2018.
328. "Innovative Training of Clinician-Educators". IARS Meeting, Chicago USA, May 2018.
 329. "Use of a Web App for Mobile Access to Classroom-based Lectures in an Anesthesia Residency". IARS Meeting, Chicago USA, May 2018.
 330. Workshop "Advanced Airway Management". Coordinator and instructor. Paranaense Society of Anesthesiology, Curitiba, Brazil, May 2018.
 331. "Difficult Airway Devices and Techniques". Unirio, Rio de Janeiro, Brazil, May 2018.
 332. Workshop "Airway Management". Coordinator and instructor. Unirio, Rio de Janeiro, May 2018.
 333. "Effective Feedback in Clinical Practice". Libero Lecture Program, Department of Anesthesia, Stanford University School of Medicine, Stanford, CA, USA, August 2018.
 334. "Anatomy review". CA-1 lecture Program, Department of Anesthesia, Stanford University School of Medicine, Stanford, CA, USA, August 2018.
 335. "Anesthesia Crises Management principles in a difficult airway scenario". Sul-Matogrossense Society of Anesthesiology, Bonito, MS, Brazil, September 2018.
 336. "How to engage the resident trainee and what it takes to become better educators-exciting times in bridging the millennial gap". Department of Anesthesiology, Harbor-UCLA Medical Center, Torrance, CA, USA, September 2018.
 337. "Shedding light on the new paradigms of learning based on the ACGME learning tracks". Department of Anesthesiology, Harbor-UCLA Medical Center, Torrance, CA, USA, September 2018.
 338. "Etomidate pearls". Libero Lecture Program, Department of Anesthesia, Stanford University School of Medicine, Stanford, CA, USA, November 2018.
 339. "Medication Errors". Brazilian Society of Anesthesiology Annual Meeting, Belem, Brazil, November 2018.
 340. "Key points in crises management". Brazilian Society of Anesthesiology Annual Meeting, Belem, Brazil, November 2018.

2019

341. "OSCEs". CA-3 lecture Program, Department of Anesthesia, Stanford University School of Medicine, Stanford, CA, USA, January 2019.
342. "Retrograde Intubation". Department of Anesthesia, Stanford University School of Medicine, Stanford, CA, USA, January 2019.
343. "Engaging millennials in Graduate Medical Education". University of Auckland, Auckland, New Zealand, March 2019.
344. "Feedback in clinical practice as part of culturally responsive teaching". Co-leader, Clinical Teaching Seminars Series, Stanford, CA, USA, April 2019.
345. "Clinical Anatomy for Anesthesiologist." CA-1 lecture Program, Department of Anesthesia, Stanford University School of Medicine, Stanford, CA, USA, August 2019.
346. "Predictors for DMV/DL". Libero Lecture Program, Department of Anesthesia, Stanford University School of Medicine, Stanford, CA, USA, September 2019.
347. "Educating the millennial generation". Latin America Congress of Anesthesiology, Buenos Aires, Argentina, September 2019.
348. "How to engage your learners". Department of Dermatology, Evangelical Mackenzie School of Medicine, Curitiba, Brazil, September 2019.
349. "Milestones learning trajectories of residents". SAAAPM, Chicago, IL, USA, November 2019.
350. "Multimodal anesthesia". Brazilian Society of Anesthesiology Annual Meeting, Goiania, Brazil, November 2019.

2020

351. "OSCEs". CA-3 lecture Program, Department of Anesthesia, Stanford University School of Medicine, Stanford, CA, USA, January 2020.
352. "EPAs in Clinical Practice". Libero Lecture Program, Department of Anesthesia, Stanford University School of Medicine, Stanford, CA, USA, January 2020.
353. "COVID-19 training and simulation". Webinar Brazilian Society of Anesthesiology, Brazil, April 2020.