

CURRICULUM VITAE
The Johns Hopkins University School of Medicine

Denise Cinquegrana, M.D., M.P.H.

2/26/2019

DEMOGRAPHIC AND PERSONAL INFORMATION

Current Appointments

2017 – Present Assistant Professor, Department of Anesthesiology and Critical Care Medicine
Johns Hopkins University School of Medicine, Baltimore, Maryland

Personal Data

The Johns Hopkins University School of Medicine
Department of Anesthesiology and Critical Care Medicine
Division of Neuroanesthesia
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Education and Training

Undergraduate

1998 – 2000 Honors Undergraduate Program, Concentration in Finance and Spanish Language and Literature, University of Florida, Gainesville, FL
2000 – 2002 Bachelor of Arts (A.B.) in Economics, Cum Laude, Certificate (minor) in Spanish Language Literature, Harvard College, Cambridge, MA
2002 – 2004 Post-baccalaureate Premedical Sciences, Harvard University, Cambridge, MA

Doctoral/graduate

2006 – 2007 Master of Public Health (M.P.H.), Johns Hopkins Bloomberg School of Public Health, Baltimore, MD
2009 – 2013 Doctor of Medicine (M.D.), State University of New York, Upstate Medical University, Syracuse, NY

Postdoctoral

2013 – 2014 Internship, Transitional Medicine PGY-1, St. Joseph's Hospital Health Center, Syracuse NY
2014 – 2017 Residency, Anesthesiology and Critical Care Medicine, Johns Hopkins Hospital, Baltimore, MD
2017 – 2018 Fellowship, Neuroanesthesiology, Johns Hopkins Hospital, Baltimore MD

Professional Experience

2001 - 2001 Research Assistant, University of Chicago Law School, Chicago, Illinois
2002 - 2002 Research Assistant, Johns Hopkins University School of Medicine, Baltimore, Maryland
2003 - 2003 Research Assistant, Hospital Universitari Germans Trias i Pujol, Universitat Autònoma de Barcelona, Barcelona, Spain
2004 - 2004 Data Entry Coordinator, XLHealth, Inc., Baltimore, Maryland
2004 - 2005 Clinical Researcher, Hospital Universitari Germans Trias i Pujol, Universitat Autònoma de Barcelona, Barcelona, Spain

- 2004 - 2007 Medical Writer/Researcher and Grant Coordinator to the EU Commission on Research, Hospital Universitari Germans Trias i Pujol, Universitat Autònoma de Barcelona, Barcelona, Spain
- 2007 - 2008 Health Specialist in Virology, Virology Branch, National Institute of Allergy and Infectious Diseases, National Institutes of Health, Bethesda, Maryland
- 2008 - 2009 Human Subjects Research Specialist and DMID Agreements Coordinator, Office of Regulatory Affairs National Institute of Allergy and Infectious Diseases, National Institutes of Health, Bethesda, Maryland

PUBLICATIONS:

Original Research [OR]

1. Bonjoch A, Paredes R, Domingo P, Cervantes M, Pedrol E, Ribera E, Force L, Llibre JM, Vilaro J, Dalmau D, Cucurull J, Mascaro J, Masabeu A, Perez-Alvarez N, Puig J, **Cinquegrana D**, Clotet B. *Long-term safety and efficacy of nevirapine-based approaches in HIV type-1 infected patients.* AIDS Res Hum Retroviruses. 2006 Apr;22(4):321-9.
 - a. Role: critical analysis, writing, and revision of the manuscript
2. Negrodo E, Molto J, Puig J, **Cinquegrana D**, Bonjoch A, Perez-Alvarez N, Lopez-Blazquez R, Blanco A, Clotet B, Rey-Joly C. *Ezetimibe, a promising lipid-lowering agent for the treatment of dyslipidemia in HIV-infected patients with poor response to statins.* AIDS. 2006 Nov 14;20(17):2159-64.
 - a. Role: critical analysis, writing, and revision of the manuscript
3. Negrodo E, Higuera C, Adell X, Martinez JC, Martinez E, Puig J, Fumaz CR, Munoz-Moreno JA, Perez-Alvarez N, Videla S, Estany C, **Cinquegrana D**, Gonzalez-Mestre V, Clotet B. *Reconstructive treatment for antiretroviral-associated facial lipoatrophy: a prospective study comparing autologous fat and synthetic substances.* AIDS Patient Care STDs. 2006 Dec;20(12):829-37.
 - a. Role: critical analysis, writing, and revision of the manuscript
4. Odonkor CA, Christiansen S, Chen Y, Sathiyakumar A, Chaudhry H, **Cinquegrana D**, Lange J, He C, Cohen SP. *Factors Associated With Missed Appointments at an Academic Pain Treatment Center: A Prospective Year-Long Longitudinal Study.* Anesth Analg. 2017 Aug;125(2):562-570.
 - a. Role: data collection and critical revision of the manuscript

Review Articles [RA]

1. Negrodo E, Martinez E, **Cinquegrana D**, Estany C, Clotet B. *Therapeutic management of bone demineralisation in the HIV-infected population.* AIDS. 2007 Mar 30;21(6):657-63.
 - a. Role: Role: critical analysis, writing, and revision of the manuscript

Case Reports [CR]

1. **Cinquegrana D**, Chu T, McFarland EG, Hanna MN, Lin JD. *Combined suprascapular nerve block and selective lateral and posterior cord infraclavicular block for reverse total shoulder arthroplasty: A case report.* J Clin Anesth. 2018 Aug 3;51:38-39.
 - a. Role: conception and implementation of the described intervention, writing and critical revision of the manuscript

CLINICAL ACTIVITIES

Clinical Focus

My clinical activities focus on general adult anesthesiology with a particular focus on providing anesthesia for complex neurosurgical procedures, electroconvulsive therapy for psychiatric patients, obstetrics including high risk labor and delivery patients, and regional anesthesiology.

Medical, other state/government licensure

- 2017 – Present Maryland Board of Physicians
- 2017 – Present DEA Controlled Substances Registration Certification

Boards, other specialty certification

2018 American Board of Anesthesiology (ABA), Certified

Clinical Program Building / Leadership

2018 – Present Assistance in the development of collaborative anesthesiology-surgical subspecialty workgroups to improve OR collaboration and efficiency

2017 – Present Leader for the Global Alliance of Perioperative Professionals on implementation and delivery of safe and cost-effective anesthetic care in Latin America

EDUCATIONAL ACTIVITIES

Educational Focus

My educational focus includes resident intraoperative as well as didactic lectures and OR simulation scenarios for general adult anesthesiology, with a particular focus on anesthetic techniques for complex neurosurgical procedures, as well as OB/regional anesthesia.

Teaching

Classroom instruction

4/12/18 Instructor, CA2 and CA3 JHH residents, Board Prep Lecture: Neuromuscular Diseases and Disorders

Clinical instruction

2018 Preceptor and Advisor, CA1 resident orientation, advising, and OR training

2018-present Instructor, CA1, CA2 and CA3 JHH residents, Anesthesia OR Simulation training

CME instruction

3/6/2018 Instructor, Johns Hopkins Neuroanesthesia Faculty CME lecture: Tranexamic Acid and Transfusion for Neurosurgery and Spine Surgery

Educational Program Building

2018 - Present Collaboration on program building activities and lectures for the basic and advanced resident Neuroanesthesia rotations, Johns Hopkins School of Medicine

RESEARCH ACTIVITIES

Research Focus

My present research focus includes neuroanesthesiology, clinical operations research, and the global delivery of safe and effective anesthesia care. I also conduct research in the area of OB and regional anesthesia/acute pain management. My previous research activities focused on the management of HIV infection and its sequelae.

SYSTEM INNOVATION AND QUALITY IMPROVEMENT ACTIVITIES

Not applicable

ORGANIZATIONAL ACTIVITIES

Professional Societies

2014 – Present Member, American Society of Anesthesiologists

2018 – Present Appointed Member, American Society of Anesthesiologists, Committee on Economics

2018 – Present Appointed Member, American Society of Anesthesiologists, Committee on Neuroanesthesia

2018 – Present Appointed Member, American Society of Anesthesiologists, Committee on Innovation

2018 – Present Member, Society for Neuroscience in Anesthesiology and Critical Care

RECOGNITION

Awards, Honors

- 1998 – 2000 Dean’s List, Faculty of Arts and Sciences, University of Florida, Honors Program
- 1998 – 2000 Full Athletic Scholarship, Swimming, University of Florida
- 2000 USA Olympic Trials Qualifier
 - World Championship Trials Finalist and 5-Time USA Senior National Qualifier
 - Achieved a World Ranking: top 50 in the world in the 400m IM
 - 7-Time USA Junior National Qualifier and 1-Time Junior National Champion
- 2002 Cum Laude (Honors) in Economics, Harvard College
- 2004 - 2005 Fulbright Fellowship Recipient
- Winner of the U.S. State Department’s William J. Fulbright Fellowship Competition for International Research and Study, to complete the research project “Public Healthcare and HIV in Spain: An Empirical Economic Study,” in Barcelona, Spain.
- 2004 - 2005 Spanish Ministry of Foreign Affairs Postgraduate Fellowship Recipient
- Winner of a full scholarship in the Spanish Ministry of Foreign Affairs’ International Postgraduate Fellowship Competition, to undertake postgraduate study and research in the areas of Economics and Medicine/Epidemiology at the Universitat Autònoma de Barcelona, in Barcelona, Spain.
- 2006 - 2007 Pforzheimer Fellowship, Harvard School of Public Health
- Winner of the Pforzheimer Public Service Fellowship at the Harvard School of Public Health for the 2006-2007 academic year; declined to attend the Johns Hopkins Bloomberg School of Public Health.
- 2006 – 2007 Delta Omega Honor Society (top 10% of graduating class), Johns Hopkins Bloomberg School of Public Health
- 2008 Special Service Award, Division of Microbiology and Infectious Diseases, National Institute of Allergy and Infectious Diseases, National Institutes of Health
- 2016 - 2017 Resident Teaching Award, Department of Anesthesiology and Critical Care Medicine
Johns Hopkins University School of Medicine

OTHER PROFESSIONAL ACCOMPLISHMENTS

Posters

1. Miller M, **Cinquegrana D**, Abraham D, and Brookman J. *Resistance to the Effects of Amide Local Anesthetics: A Typical Patient Presentation*. Poster, American Society of Anesthesiology Meeting, 2017.

Other

Languages: native English, fluent Spanish