

CURRICULUM VITAE

NAME: Davide Cattano, M.D., Ph.D.

PRESENT TITLE: Associate Professor of Anesthesiology
Department of Anesthesiology
McGovern Medical School at UTHealth (formerly The University of Texas Medical School at Houston)

BUSINESS ADDRESS: McGovern Medical School at UTHealth (formerly The University of Texas Medical School at Houston)
Department of Anesthesiology
6431 Fannin, MSB 5.020
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CITIZENSHIP: Permanent Resident of United States (G.C., 2021)

MILITARY SERVICE: First Class Commissioned Candidate
Italian Air Force Medical Officer.

UNDERGRADUATE AND SECONDARY EDUCATION:

09/88 – 7/93 Scientific Gymnasium High School
Cristo Re Institute
Rome, Italy
Degreed with 58/60

GRADUATE EDUCATION:

09/93 – 07/99 School of Medicine
Faculty of Medicine and Surgery
Universita Campus Bio Medico of Rome
Rome, Italy
M.D.

Magna Cum Laude 7/21/1999

GRADUATE TRAINING, CLERKSHIPS, ELECTIVES

1995 - 1997	Human Anatomy Clerkship School of Medicine and Surgery Universita Campus Bio Medico of Rome Rome, Italy
7/1996	Surgical Pathology Elective (8 weeks). Baylor College of Medicine. Ben Taub and Texas Children Hospital. Houston, TX
1997 – 1998	Internal Medicine & Clinical Epidemiology Clerkship School of Medicine and Surgery Universita Campus Bio Medico of Rome Rome, Italy
7/1997	Medicine Mission (4 weeks). Project Canete-Imperial, Peru
1998 – 1999	Anesthesiology Clerkship. School of Medicine and Surgery, Universita Campus Bio Medico of Rome Rome, Italy
7/1998	Research Assistant. Department of Transplantation. University of Pittsburg Medical Center, Pittsburg Pennsylvania.

POSTGRADUATE EDUCATION:

10/99 – 10/03	Anesthesiology, Pain and Intensive Care Residency Program (4 years) Medical School University of Pisa Pisa, Italy Graduated 110/110 Magna Cum Laude (11/03/2003)
1/04 – 12/06	Doctor of Philosophy (Ph.D.) Morphology and Physiology, Pathophysiology of Cells and Tissues (07/09/2007) Department of Human Morphology and Applied Biology School of Medicine University of Pisa, Pisa, Italy

University of Pisa
Pisa, Italy

POSTGRADUATE TRAINING:

07/99 - 09/99 Anesthesiology pre-Internship
School of Medicine and Surgery
Universita Campus Bio Medico of Rome
Rome, Italy

2002 Elective Internship
Basic Science-Anesthetic Pharmacology
Foundations
Department of Human Morphology & Applied Biology
University of Pisa
Pisa, Italy

ACADEMIC APPOINTMENTS:

10/02 – 10/03 Chief Resident
University of Pisa School of Medicine
S. Chiara Hospital, AUOP
Pisa, Italy

01/05 – 10/05 Clinical and Research Fellow
Imperial College, School of Medicine,
Department of Anaesthesia and Intensive Care
London, UK

9/05 – 9/08 Assistant Professor of Anesthesiology and Critical
Care
Department of Surgery
University of Pisa
Pisa, Italy

11/05 – 6/08 Visiting Professor, Clinical Instructor
Washington University in St. Louis, School of Medicine
Department of Anesthesiology, St. Louis, Missouri

11/05 – 6/08 Adjunct Research Faculty
Laboratory for Neuroscience and Neurodevelopmental
Toxicology, Department of Psychiatry
Washington University in St. Louis, School of Medicine
St. Louis, Missouri

7/7/08 – 08/11	Assistant Professor of Anesthesiology Department of Anesthesiology The University of Texas Medical School at Houston 6431 Fannin, MSB 5.020 Houston, Texas 77030
09/11 – Present	Associate Professor of Anesthesiology Department of Anesthesiology The University of Texas Medical School at Houston 6431 Fannin, MSB 5.020 Houston, Texas 77030
09/12 – 2015	Director Clinical Research Assistant Vice Chair of Research Department of Anesthesiology The University of Texas Medical School at Houston 6431 Fannin, MSB 5.020 Houston, Texas 77030
03/01/2014 – 2015	Clinical Instructor Adjunct Professor in the Department of Anesthesiology & Perioperative Medicine at Case Western Reserve University, Master in Anesthesia Assistant Preceptor
2015 – Present	Assistant Adjunct Professor in the Department of Anesthesiology & Perioperative Medicine at Case Western Reserve University, Master in Anesthesia Assistant Preceptor

HOSPITAL APPOINTMENTS:

10/99 – 10/03	Anesthesiology and Intensive Care Resident University of Pisa School of Medicine S. Chiara Hospital, AUOP Pisa, Italy
10/00 – 10/03	Senior Medical Officer, San Rossore Hospital Intensive Care Unit Pisa, Italy
12/03 – 9/30/06	Attending Anesthesiologist and Intensive Care Physician AUSL, 12 Viareggio, Versilia Hospital Via Aurelia 335 Lido di Camaiore, 55043, Lucca, Italy

1/05 – 10/05	<p>Joint appointment Clinical and Research Fellow Imperial College of London Department of Anesthesiology & Intensive Care Chelsea and Westminster Hospital London, UK and Intensive Care Physician, Registered Senior Medical Officer, Cromwell Hospital of London, UK, Director, Dr. Mark Palazzo, FRCA, FRCP, Charing Cross Hospital NHS Trust.</p>
11/05 – 06/08	<p>Attending Faculty Anesthesiologist Barnes and Jewish Hospital St. Louis, Missouri</p>
03/19/09 – Present	<p>Attending Faculty Anesthesiologist Memorial Hermann Hospital, Texas Medical Center Houston, Texas</p>
3/19/09 – Present	<p>Medical Director of the Preoperative Anesthesia Clinic Memorial Hermann Hospital, Texas Medical Center Houston, Texas</p>
3/19/09 – Present	<p>Director of the Emergency Airway Management Course for Respiratory Therapist, Department of Respiratory Medicine Memorial Hermann Hospital, Texas Medical Center Houston, Texas</p>
3/19/09 – Present	<p>Service Anesthesia Chief of Ear, Nose, Throat, Oromaxillary Facial Surgery Anesthesia Memorial Hermann Hospital, Texas Medical Center Houston, Texas</p>
03/2012 – Present	<p>Memorial Herman Hospital MD (MHMD) Clinical Programs Committee, Subcommittee Chair Preoperative Service</p> <p>Member of the CPC Perioperative Surgical Home Committee Member of the CPC Anesthesia Services Committee Member of the CPC Supply Chain Committee</p>

LICENSURE:

5/2000	<p>Italian Medical Board Licensure Universita' Campus Bio Medico di Roma</p>
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Via Longoni 83
00100 Rome, Italy

05/2000 - 2006	Italian Professional Order of Physicians (Rieti) # 1423
10/02 – 10/08	General Practitioner Registration #6040348 General Medical Council of UK
5/2005 – 10/08	Anesthetist and Intensive Care Specialist Register General Medical Council of UK #6040348
11/1/05 – 12/12/08	Missouri Faculty Medical License #2004035454
06/2006 - Present	Italian Professional Order of Physicians (Lucca) # 2833
1/8/09 – 11/29/13	Texas Faculty Medical License FTL #43782
11/30/2013	Texas Physician Full License # P5046
08/09 - 07/15	ACLS Provider Certification Advanced Cardiovascular Life Support UTHSC-H

**ANESTHESIOLOGY, CRITICAL CARE AND PAIN MEDICINE BOARD
CERTIFICATION:**

2003	Italian Board of Anesthesiologists and Intensive Care Physician Magna Cum Laude
2005-2008	Anesthetist and Intensive Care Specialist Register (UK) GMC#6040348
04/05/10	Nominated by the American Board of Anesthesiologist (ABA) to the 4 years ABA Alternative Pathway (AP) for the American Board Certification in Anesthesiology for International Medical Graduates.
4/2014	Completion on schedule of all ITEs (all passed, average 75le), completion of ABA Alternative Pathway requirements for certification
7/2014	Completed and passed written Board (part 1 of the ABA Board Certification)

5/2016

ABA Board Certified

PROFESSIONAL ORGANIZATIONS:

2011- Present	Society for Head and Neck Anesthesia. Advisory Board Member for Research Committee.
2004 - Present	American Society of Anesthesiologists (ASA, USA)
2008 – 2013	Committee Member, Experimental Neurosciences
2008 – 2011	Committee Member, Anesthesia and Perinatology
2010 – Present	Committee Member for Respiratory Care
2014 - Present	Committee Member for Abstract Review Subcommittee on Respiration
2014 - Present	Committee Member for Abstract Review Subcommittee on Equipment, Monitoring and Engineering Technology
2008 - Present	Texas Society of Anesthesiologists (TSA, USA)
2010 – Present	Committee Member, Practice Management
2013 - Present	Committee Member, Research and Education Committee
	Recommended as Chair Elect of the Committee 2015
2008 - 2015	Society for Airway Management (SAM)
	Advisory Board Member, Research Committee

HONORS AND AWARDS:

1997	Medical School Deputy for Student Delegation (2 years mandate) Universita Campus Bio Medico di Roma Rome, Italy
1999	Medical Degree Graduation – Magna Cum Laude Universita Campus Bio Medico di Roma

- Rome, Italy
- 2002 Chief Resident
Anesthesiology Intensive Care-Critical Care
Residency Program/Medical School
University of Pisa
Pisa, Italy
- 2002 Elected to Mentorship Program for Anesthesia
Resident
77th IARS Congress, New Orleans, Louisiana
- Abbott Prize for Best Dissertation Specialization
Diploma
Tuscany Critical Group Meeting, Siena, Italy
- 2004 Cromwell Hospital Research Fellowship at Imperial
College of London
- 2005 SIAARTI Prize (Italian Society of Anesthesia,
Analgesia & Critical Care) for the 2nd Best
Presentation, 59th SIAARTI Congress, Bari, Italy,
October 3-6, 2005
- 2006 Student CRNA Graduation Award
Best Clinical Anesthesiologist Instructor
Washington University College of Nursing
St. Louis, Missouri
- 2009 2009-2010 The Society of Airway Management
(SAM) Research Award (5,000\$)
- 2009 Top 10% Anesthesiology (Journal) Best Reviewers
- 04/05/10 Nominated by the American Board of
Anesthesiologist (ABA) to the 4 years ABA
alternative pathway for the American Board
Certification in Anesthesiology for international
medical graduates.
- 06/12/10 **Ad Honorem Career Award**, Versilia Hospital, USL
12 Toscana, 8th Anniversary of the AUSL12 – The
Day of Remembrance. (Award presented by the
General Director, Dr. Giancarlo Sassoli and the
Healthcare Tuscany Representative, On. Daniela
Scaramuccia).

- 2010 Top 10% Anesthesiology (Journal) Best Reviewers
- 2011 Senior Grant Reviewer, Italian Ministry of Health, National Health Grant Award 2010. Rome May 2-4th, Ministry of Health recognition (Prof, Hon., Renato Balduzzi).
- Top 10% Anesthesiology (Journal) Best Reviewers
- 2012 Case Western Reserve University, Master of Science Anesthesia Program, Instructor of the year (2012-2013), role model: Professionalism.
- 2013 Top 10% Anesthesiology (Journal) Best Reviewers
- 2013 The Department of Anesthesiology UTH Faculty of the Month (October)
- 2014-2015 Society of Airway Management (SAM) Research Award (\$5,000)
- 2013 The Italian Cultural Center Honoree (August 23). Contribution in Medicine.
- 2014 Nomination for Best Research Abstract, Lost Pines, TX, the Texas Society of Anesthesiologists, TSA 2014. Chair Elect for 2015 Education Committee, Subcommittee on Research.
- 2014 Top 10% Anesthesiology (Journal) Best Reviewers
- 2014 "Faculty Member of the Year Award 2014' for the Anesthesiology & Pain Management Faculty. F1000 <http://f1000.com>
- 2015 Invitation to the Academy of Master Quality Innovators. CS&E master program 2015-2016. Six Sigma Belt.
- 2016 Welcoming scientific committee for the President Sergio Mattarella, Republic of Italy, Houston delegation

EDITORIAL/BOARD POSITION: Senior Editor

2012 – Present	Journal of Anesthesiology and Clinical Science (JACS)
2013 – Present	International Journal of Clinical Anesthesiology (J SciMed Central)

REVIEWER FOR SCIENTIFIC JOURNALS:

2005 – 2012	Journal of Post-Graduate Medicine (JPGM)
2007 – 2010	British Medical Journal (BMJ)
2008 – 2010	European Journal of Pharmacology (EJP)
2008 – Present	Anesthesia and Analgesia (A&A)
2009 – Present	Anesthesiology (Award Reviewer)
2009 – Present	British Journal of Anesthesia (BJA)
2011 – Present	F1000Prime
2009 – 2011	Journal of Experimental Biology and Medicine (JEBM)
2010 – Present	Minerva Anestesiologica (MA), honorary
2010 – 2012	Journal of Molecular Neuroscience (JOMN)
2010 – Present	Journal of Internal and Emergency Medicine (IAEM)
2011 - Present	Acta Anaesthesiologica Scandinavica (AAS)
2010 - Present	Anesthesia Research and Practice (ARP)
2010 - Present	Journal of Clinical Anesthesia (JCA)
2012 – Present	Journal for Thrombosis and Thrombolysis (JTT)
2011 - Present	Acta Anaesthesiologica Belgica (AAB)
2012 – Present	Indian Journal of Anesthesia (IJA)
2012 – Present	Saudi Arabia Journal of Anesthesia (SJA)

SERVICE ON GRANT REVIEW PANELS, STUDY SECTION, COMMITTEE (National and International):

2010 - Present	Invited grant reviewer, the Italian National Ministry of Health (CNR-ISS-MS)
2011 - 2013	Invited Member of the Italian National Ministry of Health, Junior Scientist and International Projects Review Committee (CNR-ISS-MS)
2012 – Present	Invited subsection editor, F1000 Faculty, Anesthesiology and Pain Management, Hemostasis and Transfusion
2013 - 2014	Invited grant reviewer, Swiss Society of Anesthesiology and Reanimation (SGAR-SSAR)
2013 - 2014	Invited member for “SEARCH” review committee, Department of OMFS, UTH School of Medicine: Professor of OMFS, Vice Chair of OMFS, search committee
2013 - Present	Cochrane Anesthesia Review Group (CARG): invited expert reviewer.
2013 - 2014	National Institute of Academic Anesthesia, UK, invited expert grant reviewer
2013 - Present	Invited Grant Reviewer New Jersey Commission on Brain Injury Research
2014 - 2015	Invited Grant Referee, University Campus Bio Medico of Rome.
2014 - Present	DSMB Board Member. UTH-MHH-TMC. “Randomized Double-Blinded Controlled Trial of Oral Antifungal for the Treatment of Fungal Sensitive Chronic Rhinosinusitis with Nasal Polyps.” Dr Amber Luong, Department of ORL.
2016	Invited Referee Barts Charity, National Health Funds Trust, London, UK.

SERVICE ON THE UNIVERSITY MEDICAL SCHOOL AT HOUSTON COMMITTEES:

2009 - Present	Member for Institutional Review Board, Center for Protection of Human Subjects, UTHSC. (Primer IRB 250, CITI) CPHS-UTHMS-IRB faculty member and subcommittee Chair, Panel 4
2012 - 2015	Member of the Faculty Senate
2013 - 2014	Member of the Inter Faculty Council UTHMS Medical Humanities The John P. McGovern Center
2012 - 2015	Medical School Admission Committee
2011 - Present	Summer Research Program Medical School Mentor
2010 - Present	Medical Humanities for the Healer's Art (Heart)
2011 - Present	Preceptor, Clinical Preceptorship Program, Physical Diagnosis
2013 – Present	Mentor, Master Advisory Program

**SERVICE ON THE UNIVERSITY MEDICAL SCHOOL AT HOUSTON
ANESTHESIOLOGY DEPARTMENT COMMITTEES:**

2011-2015 Director of Clinical Research

Associate Department Chair for the Research Committee (2010-2015)

Member of Residency Education and Clinical Competence Committee

Member of Faculty Development Committee

**SERVICE ON THE MEMORIAL HERMANN HOSPITAL, TEXAS MEDICAL CENTER,
COMMITTEES:**

- Medical Director, Anesthesia Clinic
- Medical Director, Advanced Airway Management Program for Registered Respiratory Therapist, Memorial Hermann System
- Medical Director, Advanced Airway Management Program for Hospitalist and Advanced Nurse Practitioners, Memorial Hermann The Woodlands.
- Operating Room steering Committee advisor, MHH-TMC

- Perioperative Safety Committee, Anesthesia Team, Team Leader, Anesthesia Clinic, MHH-TMC.
- MHMD CPC and Perioperative Anesthesia Services, Associate Chair Subcommittee on Pre-surgical Screening and Education
- Transfusion and Blood Utilization Committee advisor

CURRENT TEACHING RESPONSIBILITIES:

Anesthesiology Fellows, Resident and Interns; Medical Students; Respiratory Care Therapists, Physician Assistants, Anesthesia Assistants.

Education:

Lectures:

Evidence Based Medicine
 Perioperative Medicine
 Preoperative Anesthesia Evaluation
 Surgical Risk Assessment
 Anesthesia for ENT, OMFs, Plastic procedures
 Coagulation and Platelet Function
 Sleep Disorder and Airway Compromise
 Airway Management
 Intraoperative Monitoring
 Intra and Post Operative management of ventilation

Courses and Curriculum Developments:

Difficult Airway Simulation

Evidence Based Medicine
 Anesthesiology Journal Club (General)

Anesthesiology Journal Club (Airway, Neurosurgery)

Medical Ethics (Clinical Ethics and Healer's Art)

Ultrasound, bronchoscopic guided Percutaneous Tracheostomy (OMF-ORL Resident and Fellow Surgical Core Skills and Knowledge Based education).

Anesthesia and Surgery Combined Journal Club series (co-developer Dr Lillian Kao, Department of General Surgery)

Advanced Emergency Airway Management Program for Registered Respiratory Therapist.

Advanced Emergency Airway Management Program for Hospitalist and Advanced Nurse Practitioners, Memorial Hermann

Preoperative Assessment and Clinical Core Knowledge and Skills for Master Science of Anesthesiology (Anesthesia Assistant Core curriculum).

FORMER TEACHING RESPONSIBILITIES:

- 2007 Instructor, Ultrasound Guided Nerve Block and Central Venous Catheter Placement (teaching course), Midwest Anesthesia Resident Conference (MARC), St Louis, Missouri
- 2007 – 2008 “*Anesthedia Residents Project*”, Primary Coordinator, Washington University, St Louis, Missouri
- 2007 – 2008 Coordinator, Department Anesthesiology of the Surgical Ethic “Pizza” Rounds Residents Education, Washington University, St Louis, Missouri

CURRENT MENTORING RESPONSIBILITIES:

1st, 2nd, 3rd and 4th year medical students for professionalism, clinical anesthesia and research electives, international graduates, JAMP premed program students, in particular

1st year medical student research electives and master advisory mentorship

2nd year medical students professionalism and bioethics

3rd and 4th year medical students clinical and research electives

Anesthesiology Resident Research Electives: Lisa Weiss, Tanaya Sparkle, Andrea Corujo-Rodriguez.

Physical Diagnosis Preceptorship: Christina Canzoneri, Marvin Rivera.

FORMER MENTORING RESPONSIBILITIES:

2002 MD graduation thesis, University of Pisa, candidate Andrea Pescini

- 2003** MD graduation thesis, University of Pisa, candidate Barbara Pesetti
- 2004** MS graduation thesis, University of Pisa, candidate, Simona Adorni
- 2005** MS program: Imperial College of London, candidate Mario Cibelli
- 2008** Research Elective: Srikanth Sridhar, Yameen Khalil.
- 2009** Research Elective: Christian Smallwood, Vineela Maddukuri.
- 2010** Research Elective: Zachary Jones
- 2011** Research Elective: Fernando Gomez-Rivera, Evren Husnu Kaynak, Neha Soares, Sadiya Shamim, Brittany Serratos; International Visiting Residents: Tommaso Angelini, M.D., Alessandro Tartarelli, M.D. Faculty: Peter V Killoran, Bilal Rana, Jessen Mukalel.
- 2012** Research Elective: Matthew Tyler, Joshua Kain, Merrick Meese, Scott Bluff, Agathe Streiff, Hyman Ari, Keith Herring, Romana Baig. Physical Diagnosis Preceptorship: Ty Terrasso, Michael Wright. Faculty: Bilal Rana, Jessen Mukalel.
- 2013** Research Elective: Jay Kyrle Ferrel, Matthew Tyler, Joshua Kain, Tiffany Tezino, Ty Terrasso, Keith Herring, Ana Lisa Chapaman Ramirez, Henrique Vale. Physical Diagnosis Preceptorship: Rachel Courtney, Jeffrey Hughes. Faculty: Bilal Rana. Fellow: Tara Thomas; Undergraduate UTH summer program: Patrick Wu.
- 2014** Physical Diagnosis Preceptorship: Hudson H Seidel, Andrzej Kwater. DOSE (Rice University Premedical Program Preceptorship): Maria Lima. Research electives: Shelly Arroyo, Hoang Huong-Tram, Mellissa Villegas. Professional trainee: Salma ElMarjia, Anastasia Katsiampouria. UTH Summer research Program: John Gray. Mentorship: Kimberly Lee, Matteo Mariotti (international student), Jay Kyle Ferrell (ORL-resident).
- 2015** Anesthesiology Resident Research Electives: Lisa Weiss, Tanaya Sparkle, Andrea Corujo-Rodriguez, Huang Houng Tram. Resident Research Elective: Jay Kyrle Ferrell (ORL), Steven Lee (summer research program). Physical Diagnosis Preceptorship: Nicole Pariseau, Carlos Villemizar-Rosa. International students: Radwahi Alrubaye. Professional Trainees: Anastasia Katsiampoura (MD, PhD, resident candidate), Fernanda Salomao Costa (MD, postgraduate trainee). JAMP premed program: Javeria Qadri, Cordelia Osondu.
- 2016** Anesthesiology Resident Research Electives: Tanaya Sparkle; Huang Huong Tram; Medical Student: Steven Lee. Physical Diagnosis Preceptorship: Christina Canzoneri, Martin Rivera.

CURRENT GRANT SUPPORT:

N/A

CURRENT NON-FUNDED RESEARCH:

Co-PI: Utility of Blood Type and Screen for Surgical Planning in Laparoscopic Sterilization. HSC-MS-15-0903

PI: Safety Implications of Patients Receiving Preoperative Antiplatelet Therapy With Clopidogrel and/or Aspirin: Investigation of Thrombelastograph Platelet Mapping to Objectively Assess Platelet Inhibition and Subsequent Use to Guide Individual Patient Management. HSC-MS-06-0329.

Co-PI: Functional Fibrinogen In Pediatric Patients Undergoing Cardiopulmonary Bypass. HSC-MS-13-0647.

Co-PI: Effect of Dabigatran on Coagulation as measured by the Thrombelastograph (TEG). HSC-MS-12-0732.

Co-PI: Use of the Thrombelastograph (TEG) To Assess Anticoagulation Effect of Coumadin. HSC-MS-04-061.

Co-PI: Anticipation of the Difficult Airway: The Preoperative Airway Assessment Form As An Educational and Quality Improvement Tool. HSC-MS-07-0144 (past grant phase, active analysis)

PI (UTHSC): Multicenter RCT STAGE: Comparative effectiveness of video laryngoscopy with the C-MAC D blade vs. the Glidescope in the predicted difficult airway: A multi-centered randomized controlled trial. HSC-MS-12-0514 (past grant phase, active analysis)

PI: A double blind, randomized, placebo-controlled study to investigate the effectiveness of IV Acetaminophen administered during functional endoscopic sinus surgery in reducing the use of opiates to treat postoperative pain. Cadence pharm. 94,500.00 \$ HSC-MS-12-0111 (past grant phase, active analysis)

PAST GRANT SUPPORT:

PI: An Evaluation of LMA Seal Using Air Versus Saline: A Mannequin Study. Society for Airway Management Award, 1/1/09 – 12/31/09; \$5,000.00

Co-PI: Anticipation of the Difficult Airway: The Preoperative Airway Assessment Form As An Educational and Quality Improvement Tool. FAER Research for Education Grant (REG) 2007 - 2009; \$50,000.00; PI: Carin A. Hagberg, M.D.HSC-MS-07-0144

PI: Endotrol – Tracheal – Tube Assisted Endotracheal Intubation During Videolaryngoscopy; Covidien, \$34,720.00. HSC-MS-09-0456.1/6/2010 - 1/5/2011.

PI: Comparison of Storz C-MAC and D-MAC Orotracheal Intubation Systems in Morbidly Obese Patients – A prospective Randomized Crossover Trial. Storz \$40,500.00. HSC-MS-10-057312/2010-12/2011.

PI: A double blind, randomized, placebo-controlled study to investigate the effectiveness of IV Acetaminophen administered during functional endoscopic sinus surgery in reducing the use of opiates to treat postoperative pain. Cadence pharm. 94,500.00 \$ HSC-MS-12-0111 05/2012-02/2014

PI (UTHSC): Multicenter RCT STAGE: Comparative effectiveness of video laryngoscopy with the C-MAC D blade vs. the Glidescope in the predicted difficult airway: A multi-centered randomized controlled trial. HSC-MS-12-0514 08/01/2012-07/31/2014. Karl Storz Endoskopy, Inc. Total study budget 644,538 \$

PI: Analysis of external neck landmarks in a patient cohort compared to key dimensions of three supraglottic airway devices. HSC-MS-10-0204.06/2010-06/2014. SAM award (5,000\$).

PAST NON-FUNDED RESEARCH:

PI: A Study on the Preoperative Use of Incentive Spirometry in Morbidly Obese Patients Undergoing General Anesthesia. HSC-MS-08-0622. 05/2008-05/2010

Co-PI: An Evaluation of the Rapid Airway Management Positioner (RAMP) in Obese Patients Undergoing Gastric Bypass or Laparoscopic Gastric Banding Surgery. HSC-MS-07-0067. 11/2007-11/2008. PI: Carin A. Hagberg, M.D.

Co-PI: A Randomized Clinical Comparison of the Intersurgical I-Gel and the Laryngeal Mask Airway Unique in Non-Obese Adult Patients During General Surgery. HSC-MS-08-0004. 12/2007-12/2008. PI: Carin A. Hagberg, M.D.

Co-PI: A Randomized Clinical Comparison of the King Systems Disposable Laryngeal Tube Suction (LTS-D), the Esophageal Tracheal Combitube (ETC) and the Proseal

Laryngeal Mask Airway (PLMA) in Adult Patients. HSC-MS-04-0254. 11/2007-11/2008.
PI: Carin A. Hagberg, M.D.

PI: Initial experience with Storz C-MAC video intubation system. HSC-MS-09-0161.
03/2010-03/2011

PI: Preliminary Study to Assess the Effects of Total Intravenous Anesthesia with Propofol/Remifentanyl compared to Sevoflurane/Remifentanyl for Endoscopic Sinus Surgery: Novel Approach. HSC-MS-10-0014. 03/2010-03/2011

Co-PI: Perioperative Management of Antiplatelet Therapy (Clopidogrel); Retrospective Chart Review. HSC-MS-09-0026. PI: Ali Denktas, M.D.

Co-PI: Use of the Thrombelastograph (TEG) Top Assess Anticoagulation Effect of Coumadin. HSC-MS-04-061. 11/2008-11/2010. PI Evan Pivalizza, MBChB.

PI: An Accuracy Evaluation of the CNAP™ Monitor (Continuous Non-Invasive Arterial Pressure) versus Conventional Invasive Radial Arterial Monitoring in Surgical Patients. HSC-MS-12-0428.

Co-PI: The Effect of Anesthesia on the Morphoproteomic Expression Profile of Oral Cavity and Oropharyngeal Squamous Cell Carcinoma: A Pilot Study. PI: Jay Ferrell, MD. HSC-MS-13-0187

Co-PI: Preoperative Anxiety and Timing of Anesthetic Information. HSC-MS-12-0409. PI: Jennifer Wu, MD.

QUALITY IMPROVEMENT INITIATIVES (IN COLLABORATION WITH MEMORIAL HERMANN TEXAS MEDICAL CENTER)

1. Preoperative Glucose Control and Surgical Site Infection (2013-present)
2. Obstructive Sleep Apnea and Preoperative Screening (2012-present)
3. Preoperative Anesthesia Clinic: effect on surgical cancellations (2008-present)
4. Preoperative Anesthesia Clinic Workflows: visit durations and patient satisfaction (2010-present)
5. Preoperative Anemia and Utilization of Blood Transfusions and Type and Screen (2015-present)
6. Deep Vein Thrombosis Prophylaxis and Utilization of a Screening Protocol (2015-present)

7. Utilization of TEG and Platelet Mapping for a personalized approach to perioperative anticoagulation and antiplatelet therapy (2009-present)
8. Triage, Phone Assessment and Medical Direction of Perioperative Nursing Assisted Preoperative Clinical Evaluation (2008-present)

PUBLICATIONS

A. ABSTRACTS

1. Giuliano, I., **Cattano, D.**, et al: Dati preliminari di uno studio prospettico randomizzato sull'utilizzo del COPA versus LMA in sedazione profonda. *Impegno Ospedaliero* 4-5-6:201-205, 1999. (Italian)
2. **Cattano, D.**, Soave, P.M., et al: Dati preliminari di uno studio prospettico randomizzato per la valutazione della misura della Maschera Laringea in anestesia generale. *Impegno Ospedaliero* 4-5-6:207-210, 1999. (Italian)
3. **Cattano, D.**, Forfori, F., and Teti. G.: Indici predittivi ed Intubazione Difficile: alcune riflessioni di uno studio Italiano. *Minerva Anestesiol.* 66:45, 2000. (Italian)
4. **Cattano, D.**, Pescini. A, et al: Difficult intubation: an overview on a cohort of 1327 consecutive patients. *Minerva Anestesiol.* 67:299, 2001.
5. Paolicchi, A., **Cattano, D.**, et al: Correlazione tra test di Mallampati e visione laringoscopica in due studi prospettici. *Minerva Anestesiol.* 68:195, 2002. (Italian)
6. **Cattano, D.**, Paolicchi, A., et al: Screening di predizione di vie aeree difficili. Valutazione eseguita da personale non addestrato: primi risultati. *Minerva Anestesiol.* 68:197, 2002. (Italian)
7. Pescini, A., **Cattano, D.**, et al: Vie aeree difficili: studio dell'algoritmo di valutazione. *Minerva Anestesiol.* 68:198, 2002. (Italian)
8. Licitra, G., **Cattano D.**, et al: Vie aeree difficili: Mallampati e distanze anatomiche per la predizione di difficoltà. *Minerva Anestesiol.* 68:200-1, 2002. (Italian)
9. Natale, G., **Cattano, D.**, et al: Morphological evidence that N-methyl-DL-aspartic acid induces neuronal damage in rat arcuate nucleus. *Ital. Journ. Anat. Embryol.* 107:169, 2002.
10. **Cattano, D.**, Paolicchi, A., et al: Postoperative cognitive dysfunction (POCD) and delirium in a short time survey. *Anesth. Analg.* 96:S-1-S-293, 2003.

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6. **Cattano, D.:** Balancing the old and new, the mine and yours: British fair play. 5 Dec 2008. Response to Sanders RD, Ma D, Brooks P, Maze M Balancing paediatric anaesthesia: preclinical insights into analgesia, hypnosis, neuroprotection, and neurotoxicity. *Br. J. Anaesth.* 101(5): 597-609, 2008.
7. **Cattano, D.:** Time for intubation. Sept 2009. Response to L. H. Lundstrøm, A. M. Møller, C. Rosenstock, G. Astrup, M. R. Gätke, J. Wetterslev, and the Danish Anaesthesia Database. Avoidance of neuromuscular blocking agents may increase the risk of difficult tracheal intubation: a cohort study of 103 812 consecutive adult patients recorded in the Danish Anaesthesia Database. *Br. J. Anaesth.* 103:283-290, 2009.

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15. **Cattano, D.** Catching the egg or clocking the chicken? Out of Blue, e-Letter, *Br J Anaesth*, Feb (7th), 2011. Response to Weingarten TN, Flores AS, McKenzie JA, Nguyen LT, Robinson WB, Kinney TM, Siems BT, Wenzel PJ, Sarr MG, Marienau MS, Schroeder DR, Olson EJ, Morgenthaler TI, Warner DO, Sprung J: Obstructive sleep apnoea and perioperative complications in bariatric patients. *Br. J. Anaesth.* 106(1):131-9, 2010.
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Other Original Scholarly Publications and Art Work:

1. **Cattano, D.**, Pescini, A., and Hagberg, C.A.:The Airway Prediction Form (Italian). Version 2003. (Scheda Predizione Modello A, Modello B1 And B2)
2. **Cattano, D.** and Hagberg, C.A.: The Airway Prediction Form (Revised). Version 2004. Model A, B1 and B2.
3. **Cattano, D.** and Hagberg, C.A.:The Airway Prediction Form (Revised). Version 2005. Model A and Model B.

4. **Cattano, D.**, Wilson, J. Educational Video of Bronchoscopic Assisted Percutaneous Tracheostomy by Griggs via Laryngeal Mask Airway. 2012; MHH-TMC; UTHSC

Other Original Scholarly Educational Activities

1. **Cattano, D.**, Mullaly, A., Graham, R., Wilson, J., Sridhar, S., and Hagberg, C.A.: Development of a lecture-simulation-clinical skills-based integrated airway management training for respiratory therapist. 2009; MHH-TMC; UTHSC
2. **Cattano, D.**, Mullaly, A., and Graham, R.: Development of a lecture-simulation-clinical skills-based integrated airway management training for hospital based physician and physician assistants. 2013; MHH-TMC; UTHSC
3. **Cattano, D.**, and Wilson, J.: Training module of clinical skills approached Bronchoscopic Assisted Percutaneous Tracheostomy for anesthesiology and surgical residents. 2010; MHH-TMC; UTHSC

Medical Book Translator:

1. **Cattano, D.**: Collaborator and Translator from English to Italian: Anaesthesia and Uncommon Disease by J Benumof, Prof. F. Agro' Verduci Ed, Rome, Italy. 1999.
2. **Cattano, D.**: Collaborator to: Emergenze Medico Chirurgiche (Emergencies in Medicine and Surgery) by Prof. F. Agro' Minerva Medica Ed, Turin, Italy, 2000.

E. SCIENTIFIC EXHIBITS:

1. **2nd Inter-Regional Congress of Anesthesia and Intensive Care, Hotel Sheraton Parco dei Medici (Rome, Italy, November 5-6, 1999)**
Giuliano, I., **Cattano, D.**, et al: Dati preliminari di uno studio prospettico randomizzato sull'utilizzo del COPA versus LMA in sedazione profonda.

Cattano, D., Soave, P.M., et al: Dati preliminari di uno studio prospettico randomizzato per la valutazione della misura della Maschera Laringea in anestesia generale.
2. **54th Italian Society of Anesthesia, Analgesia, Intensive Care, SIAARTI Congress (Naples, Italy October 25-28, 2000)**
Cattano, D., Forfori, F., and Teti, G.: Indici predittivi ed Intubazione Difficile: alcune riflessioni di uno studio Italiano.

3. **55th SIAARTI Congress and 11th international Anesthesia Critical Care Congress (Florence, Italy, June 5-9, 2001)**
 Poster: **Cattano, D.**, Pescini, A., et al: Difficult intubation: an overview on a cohort of 1327 consecutive patients.

4. **56th SIAARTI Congress (Milan, Italy October 9-12, 2002)**
 Poster: Paolicchi, A., **Cattano, D.**, et al: Correlazione tra test di Mallampati e visione laringoscopica in due studi prospettici.

 Poster: **Cattano, D.**, Paolicchi, A., et al: Screening di predizione di vie aeree difficili. Valutazione eseguita da personale non addestrato: primi risultati.

 Poster: Pescini, A., **Cattano, D.**, et al: Vie aeree difficili: studio dell'algoritmo di valutazione.

 Poster: Licitra, G., **Cattano, D.**, et al: Vie aeree difficili: Mallampati e distanze anatomiche per la predizione di difficoltà.

5. **56th Italian Society of Anatomy (SIA) Congress (Pisa, Italy, September 20-23, 2002)**
 Poster: Natale G., **Cattano, D.**, et al: Morphological evidence that n-methyl-dl-aspartic acid induces neuronal damage in rat arcuate nucleus.

6. **77th IARS Congress, (New Orleans, Louisiana, March 21-25, 2003)**
 Poster: **Cattano, D.**, Paolicchi, A., et al: Postoperative cognitive dysfunction (POCD) and delirium in a short time survey.

7. **57th SIA Congress (Lipari, Italy 14-18, September, 2003)**
 Poster: Natale, G., **Cattano, D.**, et al: N Methyl-DL-Aspartic acid induces ultrastructural damage in rat arcuate nucleus.

8. **57th SIAARTI Congress (Rome, Italy, October 22-25, 2003)**
Cattano, D., Natale, G., et al: Effects of xenon exposure on rat arcuate nucleus: a morphological investigation.

Cattano, D., Pesetti, B., et al: Predizione di via aerea difficile: 5 casi per riflettere.

Cattano, D., Pesetti, B., et al: Difficult airway prediction: peri-operative assessment of the airway and risk prediction using a new airway assessment form.

Poster: **Cattano, D.**, Paolicchi, A., et al: Postoperative cognitive dysfunction and delirium in a general population.

Poster: Di Pasquale D, Forfori, F., **Cattano, D.**, et al: Paziente in ventilazione meccanica: gestione delle vie aeree superiori. Scelta della tracheotomia: nostra esperienza.

9. **12th ESA Congress (Lisbon, Portugal, June 5-8, 2004)**

Poster: **Cattano, D.**, Natale, G., Forfori, F., et al: Morphological evidence that xenon prevents n-methyl-dl-aspartic acid induced injury in rat arcuate nucleus.

Cattano, D., Panicucci, E., Paolicchi, A., et al: Difficult airway and risk factors assessment. Correlation of Mallampati score to difficult endotracheal intubation.

10. **The International Society for Anaesthetic Pharmacology Meeting (Las Vegas, Nevada, October 22, 2004)**

Poster: **Cattano, D.**, Natale, G., Ma, D., et al: Xenon prevents long-term effects of excitotoxic injury in adult rats.

Poster: **Cattano, D.**, Forfori, F., Maze, M., et al: Xenon: pharmacokinetic in human during general anaesthesia.

11. **ASA Annual Meeting (Las Vegas, Nevada, October 23-27, 2004)**

Poster: **Cattano, D.**, Ma, D., Maze, M., et al: Xenon prevents a long term excitotoxicity injury in adult rats.

12. **58th SIAARTI Meeting (Genova, Italy, October 27-30, 2004)**

Poster: **Cattano, D.**, Gonnella, R., Nardini, M., et al: Difficult endotracheal intubations solved by glidescope.

Poster: **Cattano, D.**, Genovesi, M., Nicolini, A., et al: Immunocompromised patient severe sepsis treated with Xigris.

Abramo, A., **Cattano, D.**, Natale, G., et al: Xenon prevents a long-term excitotoxic injury in adult rats.

Forfori, F., **Cattano, D.**, Natale, G., et al: Xenon 35% does not exert efficacious long term protection effect.

Poster: Forfori, F., **Cattano, D.**, Oligeri, M., et al: Xenon Pharmacokinetic in human during general anaesthesia.

13. **Airway Abano Terme (Padua, Italy, June 23-25, 2005)**
Poster: **Cattano, D.**, Buzzigoli, S., Zoppi, C. et al: The use of the laryngeal mask airway during percutaneous guide wire tracheostomy.
- Poster: **Cattano, D.**, Gonnella, R., Peretti, F., et al: Difficult endotracheal intubations solved with the use of the glidescope video laryngoscopy system.
- Poster: **Cattano, D.**, Gonnella, R., Peretti, F., et al: Glidescope as fibrescopy and in awake endotracheal intubation.
- Poster: Scoponi, M., Dell'Atti, I., **Cattano, D.**, et al: Airway management: routinary use of an assessment form.
14. **Satellite Meeting of the International Society for Neurochemistry. Isola di San Servolo (Venice, Italy, August 16-19, 2005) Cellular and Molecular Mechanisms of Drugs of Abuse and Neurotoxicity: Cocaine GHB and Substitute Amphetamines**
Poster: Natale, G., **Cattano, D.**, Abramo, A., et al: Morphological evidence that Xenon neuroprotects against N-methyl-dl-apartic acid-induced damage in rat arcuate nucleus: a time dependent study.
15. **59th SIAARTI Congress (Bari, Italy, October 3-6, 2005)**
Cattano, D., Martin, J., Ma, D., et al: Neuroprotective efficacy of an asynchronous treatment strategy of xenon and hypothermia in a neonatal rat model. (SIAARTI Award Prize)
- Cattano, D.**, Buzzigoli, S., Zoppi, C., et al: The use of the laryngeal mask airway during percutaneous tracheostomies.
- Cattano, D.**, Adorni, S., Baldacci, S., et al: Formazione permanente continua: dal fabbisogno alla realizzazione di un corso multidisciplinare. Pisa e Chieti collaborano. (Italian)
- Adorni, S.**, Cattano, D., Paolicchi, A., et al: Studio pilota dell'area vasta pisana in area critica. La rilevazione dei bisogni formativi: dati preliminari dalla AUSL di Massa. (Italian)
- Cattano, D.**, Gonnella, R., Paolicchi, A., et al: Glidescope videolaryngoscopy system for daily clinical activity.
- Poster: **Cattano, D.**, Paolicchi, A., Adorni, S., et al: Airway management: development and routinary use of an assessment form. From Pisa and Chieti to Houston.
- Poster: **Cattano, D.**, O'Connor, B., Shakir, R., and Palazzo, M.: Guillain Barre syndrome and a unilateral upgoing plantar reflex.

Poster: Scoponi, M., **Cattano, D.**, et al: Mallampati score improve positive predictive value when tested with phonation.

Poster: Scoponi, M., **Cattano, D.**, Albanese, D., et al: Airway assessment and reliability of a preoperative evaluation form.

Poster: Scoponi, M., **Cattano, D.**, Albanese, D., et al: BMI is not a predictive risk factor either for difficult intubation or ventilation as well.

Marcaccini, M., Adorni, S., **Cattano, D.**, et al: Gestione delle vie aeree: inchiesta sui bisogni formativi in area critica. (Italian)

Poster: Adorni, S., **Cattano, D.**, Baldacci, S., et al: Formazione permanente continua. Studio pilota dell'area vasta pisana per la rilevazione dei bisogni formativi nel trattamento della via aerea in area critica. Dati preliminari. (Italian)

Poster: Isola, A., **Cattano, D.**, Finestrone, A., et al: Il progetto HPH e la valutazione del dolore (day surgery reparto pilota). (Italian)

Poster: Isola, A., **Cattano, D.**, Finestrone, A., et al: La colecistectomia laparoscopica in regime di day surgery: percorso assistenziale infermieristico nella unita' pilota della AUOP Ospedale S.Chiera di Pisa. (Italian)

16. **20th International Symposium on Critical Care Medicine (APICE), Annual Meeting (Trieste, Italy November 18-21, 2005)**

Poster: Scoponi, M., **Cattano, D.**, Petrini, F., and Scesi, M.: Airway assessment and reliability of a preoperative evaluation form for improving national guideline knowledge.

Poster: Scoponi, M., **Cattano, D.**, Petrini, F., and Scesi, M.: Organizing and training a department in difficult airway management.

Poster: Scoponi, M., Petrini, F., **Cattano, D.**, et al: The use of the laryngeal mask airway during percutaneous tracheostomies: a valuable option.

17. **IARS 80th Congress (San Francisco, California, March 24-28,2006)**

Poster: **Cattano, D.**, Buzzigoli, S., Zoppi, C., et al: The use of the laryngeal mask airway during guide wire dilatating forceps tracheostomy.

Poster: **Cattano, D.** and Palazzo, M.: Guillain Barré Syndrome and a unilateral upgoing plantar reflex.

18. **Midwest Anesthesia Residents Conference (MARC) Meeting 2007, Millenium Hotel (St. Louis, Missouri, April 13-15, 2007)**

Poster: Noh, H., **Cattano, D.**, Sucherman, D., and Leighton, B.: Uvular angioedema after emergent cesarean section.

Poster: Davis, T.A., **Cattano, D.**, Nykiel, S.M., and Brockel, M.D.: The parturient with Marfan's syndrome: Is there a place for dexmedetomidine?

19. **ASA Annual Meeting (San Francisco, California, October 13-17, 2007)**

Poster: Olney, J.W., Straiko, M., Johnson, S.A., **Cattano, D.**, and Young, C.: A single dose of lithium prevents developmental neuroapoptosis induced by ethanol or anesthetic drugs.

Poster: **Cattano, D.**, Young, C., and Olney, J.W.: Sub-anesthetic doses of propofol induce neuroapoptosis in the infant mouse brain.

Poster: **Cattano, D.**, Valleggi, S., Cavazzana, A., Giunta, F., and Maze, M.: Xenon discretely upregulates cytoprotective genes.

Poster: **Cattano, D.**, Cavazzana, A., Valleggi, S., Maze, M., and Giunta, F.: Genes Up-regulation by gas xenon and NMDAR trafficking.

Poster: **Cattano, D.**, Young, C., Fukui, K., Williamson, P., and Olney, J.W.: Xenon protects against isoflurane-induced neuroapoptosis in the developing mouse brain.

Poster: Limatola, V., Ma, D., **Cattano, D.**, Giunta, F., and Maze, M.: Preconditioning neuroprotective effect of xenon is gender-insensitive in an adult mice stroke model.

20. **Neuroscience Meeting (San Diego, California, November 3-7, 2007)**

Poster: **Cattano, D.**, Young, C., and Olney, J.W.: Sub-anesthetic doses of propofol induce neuroapoptosis in the infant mouse brain. neuroscience

Poster: Olney, J.W., Straiko, M.M.W., Creeley, C., Johnson, S.A., **Cattano, D.**, and Young, C.: Lithium prevents anesthesia-induced neuroapoptosis in the infant mouse brain.

21. **ASA Annual Meeting (Orlando, Florida, October 18-22, 2008)**

Poster: **Cattano, D.**, Straiko, M.M.W., and Olney, J.: Chloral Hydrate induces and lithium prevents neuroapoptosis in the infant mouse brain.

Poster: Olney, J.W., Straiko, M.M.W., Creeley, C., **Cattano, D.**, and Young, C.: Preventing anesthesia-induced developmental neuroapoptosis - pharmacological approach

Presentation: Olney, J.W., Straiko, M.M.W., **Cattano, D.**, Young, C., and Creeley, C.: Preventing anesthesia-induced developmental neuroapoptosis - temperature regulation approach

22. **Society for Airway Management (Boston, Massachusetts, 19-21 Sept 2008)**
 Poster: Hagberg, C.A., Melnikov, V., **Cattano, D.**, Wilson, E., Contreras, D., and Lipowski, Z.: Evaluation of the ramp positioner in obese patients undergoing gastric bypass surgery.
- Poster: Hagberg, C.A., **Cattano, D.**, Sweeney, S., and Schilling, M.: Comparison of the intersurgical I-Gel and LMA unique in non-obese adult patients.
23. **Advances in Teaching and Learning Regional Conference (October 9th MD Anderson Cancer Center Houston, Texas 2008)**
 Poster: **Cattano, D.**, Horak, K.F., and Hagberg, C.A.: Anticipation of the difficult airway: the preoperative airway assessment form as an educational and quality improvement tool.
24. **COMITES (Italian Researchers Working Abroad) Meeting (Sponsored by Italian Congress, Houston, Texas October 7, 2008)**
 Communication: **Cattano, D.**: Research synopsis: Airway management and anesthesia induced neuroapoptosis.
25. **Neuroscience Meeting (Washington DC, November 15-19 2008)**
 Poster: Creeley, C.E., Straiko, M.M.W., **Cattano, D.**, and Olney, J.W.: Hypothermia prevents spontaneous and anesthesia-induced neuroapoptosis in the infant mouse brain.
26. **Annual Research Faculty Retreat. UT Houston Medical School (Houston, Texas, December 5, 2008)**
 Presentation: **Cattano, D.**: Current and future research in airway management.
27. **2009 Joint Annual Meeting of the Central Society for Clinical Research CSCR (Chicago IL April 23-24, 2009) and the American Physician Scientist Association APSA 5th Annual Meeting, the American Society for Clinical Investigation and the Association American Physicians (Chicago IL April 24-26, 2009)**
 Poster: **Cattano, D.**, Sridhar, S., Khalil, Y., Smallwood, C., and Hagberg, C.A.: Preliminary data on the anticipation of the difficult airway: preoperative airway assessment form as an educational and quality improvement tool (CSCR)
- Poster: **Cattano, D.**, Khalil, Y., Chen, A., Sridhar, S., and Hagberg, C.A.: Preliminary data on the anticipation of the difficult airway: preoperative airway assessment form as an educational and quality improvement tool. (APSA/ASCI/AAP)
- Poster: **Cattano, D.**, Liang, Y., and Doursout, M.F.: Left heart failure induces progressive lung dysfunction and initiates pulmonary fibrosis. (APSA/ASCI/AAP)
28. **24th Society for Ambulatory Anesthesia (SAMBA) Meeting (Scottsdale, Arizona, May 14-17, 2009)**

Poster: Hagberg, C.A., **Cattano, D.**, Rhett, E., Pivalizza, E., and Denktas, A.: Perioperative Discontinuation of Clopidogrel and Aspirin.

Poster: Hagberg, C.A., **Cattano, D.**, Srikanth, S., and Chen, A.: Cardiac arrest in the setting of succinylcholine use for rapid sequence intubation.

29. **European Society Anesthesiology ESA Meeting 2009 (Milan, Italy, June 6-9th 2009)**

Poster: **Cattano, D.**, Khalil, Y., Sridhar, S., Smallwood, C., and Hagberg, C.A.: Preliminary data on the anticipation of the difficult airway: preoperative airway assessment form as an educational and quality improvement tool.

Poster: **Cattano, D.**, Sridhar, S., Khalil, Y., Chen, A., and Hagberg, C.A.: A preliminary survey of patients with difficult airway at a major urban hospital.

30. **The Thirty-Second Annual Conference on Shock (San Antonio, Texas, June 6-9, 2009)**

Poster: Doursout, M.F., Liang, Y.Y., Partha, R., Pati, S., **Cattano, D.**, Conyers, J., and Holcomb, J.: Effects of L-NAME and TPCK on nitric oxide production in hemorrhaged rats.

31. **The 13th Society for Airway Management Meeting (Las Vegas, Nevada, September 24-27, 2009)**

Poster: **Cattano, D.**, Jones, Z., Maddukuri, V., and Hagberg, C.: Measurements of supraglottic airway devices.

Poster: **Cattano, D.**, Lam, N., Maddukuri, V., and Hagberg, C.: A randomized clinical comparison of the disposable laryngeal tube suction (LTS-D), the esophageal tracheal combitube (ETC), and the proseal laryngeal mask airway (PLMA) in adult patients.

Poster: **Cattano, D.**, Bates J, Myres A, Feldman A, Hagberg C: An evaluation of LMA seal using air versus saline: a manikin study.

32. **37th Society for Neurosurgical Anesthesia and Critical Care (New Orleans, Louisiana, October 16, 2009)**

Poster: **Cattano, D.**, Valleggi, S., Forfori, F., Doursout MF, and Giunta, F.: Nitrous oxide discretely up regulate nNOS and p53 in neonatal rat brain.

Poster: **Cattano, D.**, Valleggi, S., Ma, D., Maze, M., and Giunta, F.: Paradoxical effect of Xenon in neonatal anesthesia-induced neuroapoptosis.

33. **Annual American Society of Anesthesiologists Meeting (New Orleans, Louisiana, October 17-21, 2009)**

Poster: **Cattano, D.**, Reaven, N., Funk, S., and Hagberg, C.: Economic impact of perioperative pulmonary aspiration complications in adults.

Poster: **Cattano, D.**, Zhuang, M.L., Chen, A., and Hagberg, C.: Comparison of the LTS-D, combitube, and proseal lma in adult patients undergoing elective surgery.

Oral Presentation: **Cattano, D.**, Valleggi, S., Forfori, F., Doursout, M.F., and Giunta, F.: Nitrous oxide discretely up regulate nNOS and p53 in neonatal rat brain.

Oral Presentation: **Cattano, D.**, Valleggi, S., Ma, D., Maze, M., and Giunta, F.: Paradoxical effect of xenon in neonatal anesthesia-induced neuroapoptosis.

Poster: Keneson, B., **Cattano, D.**, Rhett, E., Denktas, A., and Pivalizza, E.: Use of TEG to assist preoperative preparation of patients with drug-eluting stents: A case report.

Problem Based Learning Discussion #128/225. **Cattano, D.**: Management of antiplatelets therapy in patients with coronary stents for noncardiac surgery.

34. **55th International Respiratory Congress, American Association Respiratory Care (San Antonio, Texas, December 5-8, 2009)**

Poster: Graham, R., Melton, B., Wilson, J., Mullaly, A., Stanley, R., Green, T., and **Cattano, D.**: Implementation of an advanced airway management training program within a multi-center health care system.

35. **57th Annual Association of University Anesthesiologists Meeting (Denver, Colorado April 13, 2010)**

Poster: Hagberg, C.A., **Cattano, D.**, Feldman, A., Altamirano, A., and Tyson, J.E.: The preoperative airway assessment form: educational and quality improvement tool.

36. **2010 Joint Annual Meeting of the Central Society for Clinical Research (CSCR) (Chicago, Illinois April 23-24, 2010), American Physician Scientist Association (APSA) 5th Annual Meeting, American Society for Clinical Investigation, and Association American Physicians (Chicago Illinois, April 24-26, 2010)**

Poster: **Cattano, D.**, Altamirano, A., Hagberg, C., and Pivalizza, E.: Preoperative antiplatelet therapy with clopidogrel and aspirin: platelet mapping, platelet inhibition and perioperative safety implications.

Poster: **Cattano, D.**, Altamirano, A., Melnikov, V., Pivalizza, E., Feldman A, and Hagberg, C.: Postoperative pulmonary inspiratory reserve volume and incentive spirometry in morbidly obese patients undergoing bariatric surgery.

36. **14th Annual Society for Airway Management Scientific Meeting (SAM), (Chicago, Illinois, September 24-26, 2010)**

Poster: **Cattano, D.**, Alexander, R., Lambert, E., Leiman, D., and Hagberg, C.A.: Recommendations for management of the threatened airway: a proposed model at UTMS at Houston.

Poster: **Cattano, D.**, Garrett, L., Karni, R., Maddukuri, V., and Hagberg, C.A.: Combined videolaryngoscopy and flexible Fiberoptic bronchoscopy for impossible direct laryngoscopy.

Poster: **Cattano, D.**, Maddukuri, V., Altamirano, A., Melniikov, V., and Hagberg, C.A.: Initial experience with Karl Storz C-Mac video intubation system.

Poster: **Cattano, D.**, Leiman, D., Maddukuri, V., Altamirano, A., and Hagberg, C.A.: Endotrol tracheal tube assisted endotracheal intubation during videolaryngoscopy.

38. **37th Society for Neurosurgical Anesthesia and Critical Care (San Diego, California, October 14-15th, 2010)**

Poster: **Cattano, D.**, Valleggi, S., Cavazzana, A., Forfori, F., and Giunta F: Transcriptional changes induced by noble gases.

39. **Annual American Society of Anesthesiologists Meeting (San Diego, California, October 15-20th, 2010)**

Poster: **Cattano, D.**, Valleggi, S., Cavazzana, A., Forfori, F., Giunta F: Transcriptional changes induced by noble gases.

Poster: **Cattano, D.**, Altamirano, A., Denktas AE, and Hagberg, C.A.: Thrombelastograph platelet mapping™ and preoperative platelet inhibition.

Poster: **Cattano, D.**, Altamirano, A., Cone C, And Hagberg, C.A.: Inspiratory reserve volme changes after bariatric surgery.

Poster: **Cattano, D.**, Maddukuri, V., Zhuang M, Zhuang M, Altamirano, and Hagberg, C.A.: Predictability of difficult airway in adults using new comprehensive assessment preliminary results.

Poster: **Cattano, D.**, Myres A, Srikanth S, Meng C, and Hagberg, C.A.: LMA unique and supreme inflated by saline: a bench study of elastic properties.

Poster: **Cattano, D.**, Altamirano, A., Denktas, A.E., Hagberg, C.A., and Pivalizza, E.G.: Thrombelastograph platelet mapping, platelet inhibition and perioperative safety implications.

Problem Based Learning Discussion #128/225. **Cattano, D.**: Management of antiplatelets therapy in patients with coronary stents for noncardiac surgery.

40. **International Stroke Conference 2011 (Los Angeles, California, February 9-11, 2011)**

Poster: Britton, G.L., Jr., **Cattano, D.**, Kim, H., McPherson, D.D., and Huang, S.: Xenon echogenic liposome's neuroprotection dose response during transient middle cerebral artery occlusion.

41. **2011 Joint Annual Meeting of the Central Society for Clinical Research (CSCR) (Chicago, Illinois April 14-15, 2010), and American Federation Medical Research (AFMR).**
Poster: Kaynak, E., Denktas, A., Altamirano, A., Pivalizza, E.G., and **Cattano, D.**: Thromboelastogram-platelet mapping is useful in determining platelet inhibition preoperatively in patients receiving dual antiplatelet therapy.
42. **14th Annual Society for Airway Management Scientific Meeting (SAM), (Scottsdale, Arizona, September 16-18, 2011)**
Poster: Khosla, A.R., Maddukuri, V., Altamirano, A., Hagberg, C.A., and **Cattano, D.**: Comparison of Storz C-MAC and D-MAC orotracheal intubation systems in morbidly obese patients.
- Serratos, B., Soares, N., Vale, H., Maddukuri, V., Hagberg, C.A., and **Cattano, D.**: External neck measurements and assessment of the larynx.
- Serratos, B., Rane, M., Hagberg, C.A., and **Cattano, D.**: Use of D-blade videolaryngoscopy for anticipated difficult airway in patients who refuse awake intubation.
- Serratos, B., Vale, H., Altamirano, A., Maddukuri, V., Hagberg, C.A., and **Cattano, D.**: Supraglottic airways and analysis of external neck measurements.
43. **Annual American Society of Anesthesiologists Meeting (Chicago, Illinois, October 15-19, 2011)**
- Posters:
- Serratos, B., **Cattano, D.**, Hartwig, M., Roberts, K., Paige L. Cohick, P.L., Tran, S., Maddukuri, V., and Hagberg, C.A.: Laryngeal mask intracuff pressure measured in the OR: local audit.
- Killoran, P.V., Maddukuri, V., Altamirano, A., Srikanth, S., Hagberg, C., and **Cattano, D.**: Use of a comprehensive airway assessment form to predict difficult mask ventilation.
- Cattano, D.**, Altamirano, A., Hagberg, C., and Pivalizza, E.: Thromboelastogram platelet mapping™ and preoperative platelet inhibition.
- Cattano, D.**, Fakhri, S., Daily, W.H., Larson, S.M., Gomez-Rivera, F., Citardi, M.J., and Hagberg, C.A.: Cost Comparison Analysis of TIVA vs inhalational based anesthesia: pilot randomized trial.
- Cattano, D.**, Hiller, K.N., Barrow, B., Daily, W.H., Kruppa, M., Courtney, S., Citardi, M.J., and Hagberg, C.A. Anesthesia preoperative clinic: the Memorial Hermann Hospital TMC experience.

Killoran, P.V., Maddukuri, V., Altamirano, A., Srikanth, S., Hagberg, C., and **Cattano, D.**: Impact of a comprehensive airway assessment form on prediction of the difficult airway.

Killoran, P.V., Maddukuri, V., Altamirano, A., Srikanth, S., Hagberg, C., and **Cattano, D.**: Impact of a comprehensive airway assessment form on resident education.

Cattano, D., Jundt, J.S., Wilson, J.W., and Hagberg, C.A.: Submental intubation: mishaps and modifications.

Cattano, D., Artime, C., Normand, K.C., Daily, W.H., Gilmore, C.E., Maddukuri, V., and Altamirano, A.V.: Endotrol tracheal-tube assisted endotracheal intubation during videolaryngoscopy.

Cattano, D., Maddukuri, V., Altamirano, A.V., Melnikov, V., Gumbert, S.D., Pamidimukkala, V., and Hagberg, C.A.: Initial experience with Karl Storz C-Mac video intubation system.

Cattano, D., Gomer-Rivera, F., Altamirano, A.V., Ramaswamy, U.S., Fakhri, S., Luong, A.U., Citardi, M.J., and Hagberg, C.A.: Sinus mucosal blood flow and intraoperative blood losses during endoscopic sinus surgery: randomized trial of TIVA vs inhalational anesthesia.

Cattano, D., Gomez-Rivera, F., Altamirano, A., Ramaswamy, U., Fakhri, S., Luong, A., Larson, S, Citardi, M., and Hagberg, C.: Thrombelastograph platelet mapping™ and bleeding during endoscopic sinus surgery: randomized trial of TIVA vs inhalational anesthesia.

Cattano, D., Gomez-Rivera, F., Ramaswamy, U.S., Altamirano, A.V., Fakhri, S., Luong, A.U., and Citardi, M.J.: Preliminary results of a randomized trial TIVA vs inhalational anesthesia: quality of recovery.

44. **International Stroke Conference (New Orleans, Louisiana, February 1-3, 2012)**

Poster: Peng T., , Britton, G.L., Aronowski, J., **Cattano, D.**, Klegerman, M.D., Laing, S.T., McPherson, D.D., and Huang S-L.: Neuroprotective effects of echogenic liposomes xenon delivery in a rat embolic stroke model combined with tissue plasminogen activator thrombolysis.

45. **Society for Airway Management (Toronto, Canada, September 21-23, 2012)**

Posters:

Cattano D., Herring K., Agarwal G., Panthayi S., Sheinbaum R., Karni R., Hagberg C.A. Perioperative airway management of a mediastinal mass through early

intervention with Extracorporeal Membrane Oxygenation (ECMO).

Cattano D., Williams C., Altamirano A., Wilson J.W. Percutaneous Tracheotomies at Memorial Hermann Hospital-Texas Medical Center and UTHealth Houston.

Cattano D. Safe Extubation: A novel combined technique for deep extubation.

Khosla A., Meese M., Altamirano A., Hagberg C.A., **Cattano D.** Using the D-Blade with the C-MAC Video Intubation System in Awake Patients.

Wojtczak J.A., **Cattano D.** Quantitative analysis of suprahyoid and infrahyoid anatomy: comparison of ultrasound and external landmarks measurements in healthy volunteers.

46. **Annual American Society of Anesthesiologists Meeting (Washington, D.C., October 12-17, 2012)**

Posters

Mukalel J.J., Altamirano A., Pivalizza E.G., **Cattano D.** Thromboelastograph® With Platelet Mapping as a Marker in Patients Who Require a Peripheral Nerve Block and are Receiving Clopidogrel and/or Aspirin.

Cattano D., Wojtczak J., Seitan C., Aijazi H., Vale H., Altamirano A., Hagberg, C.A. Models for Predicting Laryngeal Anatomy and a Standardized Sizing System for the Supraglottic Airway Devices.

Cattano D., Altamirano A., Hagberg C.A., Pivalizza E.G. Assessing Preoperative Platelet Inhibition With Thrombelastograph Platelet Mapping™.

Cattano D., Killoran P.V., Aijazi H., Seitan C., Altamirano A., Hagberg C.A. Usage Rates of Alternative Airway Devices in Adult Patients Presenting for Elective Surgery in American Teaching Hospitals: Clinical Experience From a Teaching Hospital.

Cattano D., Killoran P.V., Aijazi H., Seitan C., Altamirano A., Hagberg C.A. Airway Management in Patients With Oropharyngeal Carcinoma or a History of Neck Irradiation: Clinical Experience at Memorial Hermann Hospital-TMC.

Cattano D., Wojtczak J., Seitan C., Shaman S., Aijazi H., Vale H., Altamirano A., Hagberg C.A. External Neck Measurements, Laryngeal Anatomy and Gender/Height Controlled Variability in Adult Patients.

Killoran P.V., Meese M., Altamirano A., Seitan C., Hagberg C.A., **Cattano D.** Use of a Comprehensive Assessment Form by Non-Clinicians to Predict Airway Difficulties.

Cattano D., Altamirano A., Meese M., Melnikov V., Guzman-Reyes S., Gumbert S.,

Hagberg C.A. Comparison of C-MAC and D-MAC Videolaryngoscopy for Endotracheal Intubation in Morbidly Obese Patients.

Cattano D., Altamirano A., Hagberg C.A., Pivalizza E.G. Preoperative and Postoperative Platelet Function Assessment by Thromboelastogram® Through Platelet Mapping™.

Baig R., **Cattano D.** Preoperative Assessment and Anesthetic Management of Patient With Recent Myocardial Infarction and PCI on Antiplatelet Medications.

47. **Global Conference on Perioperative Medicine (Houston, TX, November 28 Dec 2, 2012)**

Posters

Baig R., **Cattano D.** Preoperative Assessment and Anesthetic Management of Patient With Recent Myocardial Infarction and PCI on Antiplatelet Medications.

Cattano D., Herring K., Agarwal G., Panthayi S., Sheinbaum R., Karni R., Hagberg C.A. Perioperative airway management of a mediastinal mass through early intervention with Extracorporeal Membrane Oxygenation (ECMO).

48. **Texas Society of Anesthesiologists (Lost Pines, TX September 5-8)**

Posters

Cattano D., Wojtczak J., Callender R., Hagberg C.A. Models for Determining External Neck Landmark Dimensions and Predicting Internal Airway Size.

Cattano D., Wojtczak J., Callender R., Hagberg C.A. Gender Controlled Variability of External Neck Landmarks in Adult Patients.

Cattano D., Callender R., Altamirano A., Hagberg C.A. Pivalizza E.G. Prospective Investigation of Preoperative Thromboelastography® Platelet Mapping™.

Cattano D., Callender R., Altamirano A., Hagberg C.A. Pivalizza E.G. Prospective Perioperative Platelet Function Assessment by Thromboelastography® Platelet Mapping™.

Wu J., Wu P., Eng J., Callender R., Altamirano A., Hagberg C.A., **Cattano D.** Is the Timing of Anesthetic Briefing Related to Preoperative Patient Anxiety Levels?

Cattano D., Mullaly A., Castriotta R.J., Killoran P., Levine J., Courtney S., Hagberg C.A. Perioperative Assessment of Obstructive Sleep Apnea: Preliminary results on predicted prevalence and risks factors.

49. **Society for Airway management (SAM), (Philadelphia, PA, September 20-22)**
Posters

Cattano D., Wojtczak J.A. Optison™ Enhances Echogenicity of the Laryngeal Mask Airway.

Wojtczak J.A., Stypula C., Callender R.A., **Cattano D.** Assessment of Suprahyoid and Infrahyoid Airway: Sonography versus Calipers/Measuring Tape versus Finger Widths in Healthy Volunteers.

Cattano D., Mullaly A., Castriotta R.J., Killoran P.V., Levine J., Courtney S., Hagberg C.A. Perioperative Assessment of Obstructive Sleep Apnea: Preliminary results on predicted prevalence and risks factors.

Cattano D., Killoran P.V., Hagberg C.A. Difficult Mask Ventilation and risk factors.

50. **Annual American Society of Anesthesiologists Meeting (San Francisco, October 12-16, 2013)**
Posters

Cattano D., Wojtczak J., Callender R., Hagberg C.A. Models for Determining External Neck Landmark Dimensions and Predicting Internal Airway Size.

Cattano D., Wojtczak J., Callender R., Hagberg C.A. Gender Controlled Variability of External Neck Landmarks in Adult Patients.

Cattano D., Callender R., Altamirano A., Hagberg C.A. Pivalizza E.G. Prospective Investigation of Preoperative Thrombelastography® Platelet Mapping™.

Cattano D., Callender R., Altamirano A., Hagberg C.A. Pivalizza E.G. Prospective Perioperative Platelet Function Assessment by Thromboelastography® Platelet Mapping™.

Ramirez-Chapman A.L, Quintana O., Sridhar S., **Cattano D.** Postdural Puncture Headache (PDPH) and Posterior Reversible Encephalopathy Syndrome (PRES).

Kohanof S., **Cattano D.** Cardiovascular collapse induced by a pulmonary embolism, captured on a transesophageal echocardiogram.

Killoran P.V., Gumbert S.D., **Cattano D.**, Matuszczak M., Pivalizza E.V. Peer Review Online: Using Web-Based tools to facilitate quality improvement. *Anesthesiology* 2013: A 4213.

Killoran P.V., Graham-Carlson A., **Cattano D.**, Matuszczak M. Apps for everyone! A clinician-controlled mobile app for pediatric anesthesia. *Anesthesiology* 2013: A 4176.

51. Texas Society of Anesthesiologists (Lost Pines, TX September 4-7, 2014)

Posters

Altamirano A., Callender R., Hagberg C.A, Pivalizza E.G, **Cattano D.** Assessing the Preoperative Effectiveness of Dual Anti-Platelet Therapy (Clopidogrel/Aspirin) in Surgical Patients. TSA 2014, Lost Pines, TX, Sept. 4-7

Cattano D., Killoran P.V, Altamirano A., Cai C., Corso R.M., El Marjiya S., Chaudhry R., Hagberg C.A.The Use of Laryngeal Mask Airway in a Teaching Institution: Analysis of Predictive Factors for Effectiveness. TSA 2014, Lost Pines, TX, Sept. 4-7

Cattano D., Ferrell J., Brown R., Patel C.B, Karni R. Differential Effects of Sevoflurane versus Propofol on the Morphoproteomic Expression of Oral Cavity and Oropharyngeal Squamous. TSA 2014, Lost Pines, TX, Sept. 4-7 **TSA BEST ABSTRACT RESEARCH AWARD**

Cattano D., Katsiampoura A., Killoran P.V., Rane M.N., Hagberg C.A. Anesthesia Preoperative Clinic: Memorial Hermann Hospital TMC Experience. TSA 2014, Lost Pines, TX, Sept. 4-7

Cattano D., Wojtczak J.A., Cai C., Callender R., El Marjiya S., Hagberg C.A. External Neck Landmark measurements and correlation to physical characteristics. TSA 2014, Lost Pines, TX, Sept. 4-7

52 Society for Airway Management (SAM), (Seattle, WA, September 19-21, 2014)

Poster: **Cattano D.**, Killoran P.V., Altamirano A., Cai C., Corso R.M., El Marjiya S., Chaudhry R., Hagberg C.A.The use of laryngeal mask airway in a teaching institution: analysis of predictive factors for effectiveness.

Poster: **Cattano D.**, Van Zundert T., Wojtczak J., Cai C., Callender R., El Marjiya S., Hagberg C.A. A new method to test concordance between extraglottic airway device dimensions and patient anatomy.

Poster: **Cattano D.**, Callender R., Wojtczak J., Cai C., Birnbaum J., Chaudhry R., Hagberg C.A. Radiologic evaluation of internal airway anatomy dimensions.

Poster: **Cattano D.**, Mullaly A., Kainer L., Courtney S., Hagberg C.A. Risk Stratification, prevalence and risk factors of obstructive sleep apnea by stop-bang in an adult surgical population assessed in the preoperative anesthesia clinic.

Poster: **Cattano D.**, Killoran P.V., Cai C., Altamirano A., Corso R.M., El Marjiya S., Hagberg C.A. Difficult mask ventilation in obese patients: an analysis of predictive factors.

Poster: **Cattano D.**, Gray J., Callender R. ultrasound based airway assessment: preliminary investigation of ultrasound based bench of iGel and LMA.

Poster: **Cattano D.**, Wojtczak J.A., Cai C., Callender R., El Marjiya S., Hagberg C.A. External neck Landmark measurements and correlation to physical characteristics.

Poster: **Cattano D.**, Mullaly A., Wilson J., Green T., Hagberg C.A., Melton R., Graham R. Advanced emergency airway management program for respiratory therapist.

53. **Annual American Society of Anesthesiologists Meeting (New Orleans, LA, October 11-15, 2014)**

Poster: **Cattano D.**, Killoran P.V., Altamirano A., Cai C., Corso R.M., El Marjiya S., Chaudhry R., Hagberg C.A. The use of laryngeal mask airway in a teaching institution: analysis of predictive factors for effectiveness. *Anesthesiology*: A1142.

Poster: **Cattano D.**, Callender R., Wojtczak J., Cai C., Birnbaum J., Chaudhry R., Hagberg C.A. Radiologic evaluation of internal airway anatomy dimensions. *Anesthesiology*: A1139.

Poster: **Cattano D.**, Van Zundert T., Wojtczak J., Cai C., Callender R., El Marjiya S., Hagberg C.A. A new method to test concordance between extraglottic airway device dimensions and patient anatomy. *Anesthesiology*: A3148.

Poster: Altamirano A., Callender R., Cai C., Hagberg C.A, Pivalizza E.P., **Cattano D.** Partially reversed platelet inhibition by surgical stimulation in patients on effective anti-platelet therapy. *Anesthesiology*: A3099

Altamirano A., Callender R., Hagberg C.A., Pivalizza E.G., **Cattano D.** Assessing the preoperative effectiveness of dual anti-platelet therapy (clopidogrel/aspirin) in surgical patients. *Anesthesiology*: A3097

Wojtczak J., **Cattano D.** Sonographic imaging of endotracheal tubes and supraglottic airways. *Anesthesiology*: A3257

Cattano D., Ferrell J., Brown R., Patel C.B., Karni R. differential effects of sevoflurane versus propofol on the morphoproteomic expression of oral cavity and oropharyngeal squamous. *Anesthesiology*: A3012

Cattano D., Aijazi H., Weinstock E. Anesthetic Management without ECMO in the

Excision of a large mediastinal goiter in a patient with bilateral breast carcinoma. Anesthesiology Medically Challenging Cases.

Poster: **Cattano D.**, Villegas M.. Perioperative management of glycemia. Anesthesiology Medically Challenging Cases.

54. **Practice Management 2015 (Atlanta GA, January 23-25th)**

Poster: Katsiampoura D.A., Killoran P.V., Hagberg C.A., **Cattano D.** The Preoperative Clinic Assessment: a practice management approach reduces surgical cancellations.

55. **Medical World America (MWA) Conference and Expo 2015, (Houston TX, April 27-29th).**

Poster: **Cattano D.**, Katsiampoura A., Killoran P.V., Rane M., Vanga N., Barrow B., Courtney S., Hagberg C.A. Anesthesiology clinic reduces surgical cancellations.

56. **The American Thoracic Society (ATS) International Meeting 2015 (Denver CO, May 15th-20th)**

Poster: **Cattano D**, Brayanov J, George E. Respiratory volume variability prior to opioid administration as an indicator for opioid-induced respiratory depression.

57. **Texas Society of Anesthesiologists (San Antonio, TX, Sept 10-13th, 2015)**

Poster: **Cattano D**, Katsiampoura AD, Killoran PV, Rane M, Vanga N, Barrow B, Courtney S, Hagberg CA, Effectiveness of a preoperative anesthesiology testing center and surgical cancellations.

58. **SIAARTI 2015, 69th Italian Congress** (Bologna October 14-17th, Italy)
Poster: Corso R, Killoran P, Cai C, Hagberg C, Maitan S, Piraccini E, **Cattano D.** Stop-bang assessment and history of obstructive sleep apnea: female patients are not compliant. SIAARTI abstract book 2015 Oct 17:325-326
- Poster: Corso R, Mullaly A, Cai C, Courtney S, Hagberg C, Maitan S, **Cattano D.** Effectiveness of stop-bang assessment based on history of obstructive sleep apnea and risk factors prevalence in an adult surgical population. SIAARTI abstract book 2015 Oct 17:327-328
59. **American Society of Anesthesiologists Annual Meeting (San Diego, CA, October 24-28, 2015)**
Poster: Cattano D., Cai C, Ph.D., Wojtczak JA, M.D. Airway Dimensions: External Landmarks and Internal Structures Comparison. Anesthesiology 2015: A2055.
- Poster: Katsiampoura A, Killoran PV, Rane MN, Hagberg CA, **Cattano D.** Comparison Between Preoperative Clinic, Phone Assessment and No Assessment: Extent and Causes of Surgical Cancellations. Anesthesiology 2015, A2110.
- Poster: **Cattano D,** Graham R, Mullaly A, Melton R, Green T, Hagberg CA. In-Hospital Airway Management: OOORAM and Anesthesiology-Directed Airway Program for Respiratory Therapists. Anesthesiology 2015: A2182
- Poster: Wojtczak JA, **Cattano D.** Echogenic Endotracheal Tubes and Laryngeal Mask Airways: A Reality? Anesthesiology 2015: A3021
60. **AARC, Tampa FLA, Nov. 7-11th**
Poster: Graham R, Main D, Mullaly A, Melton R, Green T, **Cattano D.** Out of Operating Room Airway Management – We Can Do This!
61. **Practice Management 2015 (SAN DIEGO, CA, January 29-31st)**
Poster: **Cattano D,** Rane M, Vanga N, Killoran P, Barrow B, Courtney S, Hagberg CA. Anesthesiology Clinic: Lean process reduces visits time (FAER scholar award candidate)
- Poster: Rane M, McBride J, Fischer V, Hagberg CA, Larson S, **Cattano D.** Diabetes: quality improvement initiative for surgical site infections bundle

RECOGNITION IN NATIONAL AND INTERNATIONAL PROFESSIONAL RELATED PUBLICATIONS (commentaries, editorials):

1. Vlessides M: According to large-scale Italian study, Mallampati score alone did not predict difficult intubation. *Anesthesiology News* 30:10, 2004.
2. Vlessides M: Residents compare airway devices for best placement in study of adults undergoing elective surgery. *Anesthesiology News* 36:3, 2010.
3. Agres T: New findings challenge blood thinner mantra. *Anesthesiology News* 36:10, 2010.
4. Agres T: Blood thinner break for general surgery patients challenged – platelet mapping analysis suggest current approach too broad for general surgery patients. *General Surgery News* 37:10, 2010.
5. Cook D: Airway strategies for heavier patients. *outpatient surgery magazine* Oct: 16-21, 2011.
6. Vlessides M. Propofol TIVA not a blood-sparing technique for Sinus Surgery. *Anesthesiology News* July 2012: 30-33
7. Davide Douglas. Study questions use of incentive spirometry. *Consultants* 360, Reuters Health, Feb 3 2015. <http://www.consultant360.com/story/study-questions-use-incentive-spirometry-after-laparotomy>
8. Vlessides M. Effect of preop clinic, phone assessment and no assessment on extent surgical cancellation. *Anesthesiology News* 2016, in press

EDITORIAL COMMENTARIES:

9. Bariskaner, H. and Tosun, M.: The correlation of nitrous oxide of nNOS and p53 during developing brain. *Minerva Anesthesiol.* 76:392-3, 2010. In reference to: **Cattano, D.**, Valleggi, S., Abram, A., Forfori, F., Maze, M., and Giuntac F.: Nitrous oxide discretely up-regulates nNOS and p53 in neonatal rat brain. *Minerva Anesthesiol.* 76:420-4, 2010.
10. Spieth, P.M. and Parotto, M.: Xenon and the developing brain. *Minerva Anesthesiol.* 77: 565-566, 2011. In reference to: **Cattano, D.**, Valleggi, S., Cavazzana, A., Patel, C.B., Ma, D., Maze, M., and Giunta, F.: Xenon exposure in the neonatal rat brain: effects on genes that regulate apoptosis. *Minerva Anesthesiol.* 77: 571-578, 2011.

F. VISITING PROFESSORSHIPS:

- 05/24/2011 Platelet Function in the Perioperative Arena: Point of Care Tests & Clinical Management
St.FrancisHospital, Columbus, Georgia
- 09/12/2011 Preoperative Assessment in Anesthesia Clinics-Current Evidences.Mayo Clinic Hospital, Phoenix Arizona

INVITED LECTURER, SPEAKER, MODERATOR, REFEREE:

DEPARTMENTAL:

- 08/2008 Invited Speaker. FAER Airway Management Project
- 11/2008 Invited Speaker. ASA abstract presentations
- 11/2009 Invited Speaker. The Anesthesia Preoperative Clinic
- 12/2009 Invited Speaker. ASA abstract presentations
- 05/2010 Invited Speaker. Anesthesia Preoperative Evaluation and Outcomes.
- 11/2010 Invited Speaker. ASA abstract presentations
- 12/2011 Invited Speaker. ASA abstract presentations
- 04/2012 Invited Speaker. Cardiac Morbidity, Orthopedic Surgery and Perioperative Management of cardiac patients
- 08/2012 Invited Speaker. Day of Surgery Cancellation and Practice Management
- 11/2012 Invited Speaker. ASA abstract presentations
- 09/2013 Invited Moderator. Anesthesia Preoperative Evaluation, Risk Assessment and Therapy Management
- 11/2013 Invited Speaker. ASA abstract presentations

- 09/2014 Invited Moderator. Anesthesia Preoperative Evaluation, Risk Assessment and Therapy Management
- 01/2015 Invited Speaker. ASA abstract presentations
- 04/2016 Invited Lecturer. Preoperative Clinic: current standards, processes and practices

NATIONAL:

- 04/14/2007 Invited Moderator, session Obstetric Anesthesia and Difficult Airway, Midwest Anesthesia Residents Conference (MARC) Meeting 2007, Millenium Hotel, St. Louis, Missouri, April 13-15, 2007
- 4/15/2007 Invited Moderator, session Neuroanesthesia; Invited judge, session Obstetric Anesthesia, Midwest Anesthesia Residents Conference (MARC) Meeting 2007, Millenium Hotel, St. Louis, Missouri, April 13-15, 2007
- 01/14/2008 Invited Lecturer. A “confidential” talk about doctoring
The J McGovern Center for Medical Humanities
UTHSC Houston School of Medicine
- 01/15/2008 Invited Speaker. The Health Care Reform in the US. A debate panel: Hot Topics in Ethics
The J McGovern Center for Medical Humanities
UTHSC Houston School of Medicine
- 10/18/2009 – 10/20/2009 Invited Speaker, Problem Based Learning Discussion Management of Antiplatelet Therapy in Patients with Coronary Stents for Noncardiac Surgery. ASA 2009, New Orleans, Louisiana, Oct 17-21, 2009
- Invited Moderator, Experimental Neurosciences Anesthetics, Memory and Postoperative Cognitive Dysfunction. Ischemia and Neuroprotection. ASA 2009, New Orleans, Louisiana, October 17-21, 2009
- 10/17/2009 – 10/21/2009 Invited Speaker for Video Presentation: Comparison of the LTS-D, Combitube, and Proseal LMA in Adult Patients Undergoing Elective Surgery. ASA 2009, New Orleans, Louisiana, October 17-21, 2009.

12/05/2009	Invited speaker for Xenon anesthesia and neurotoxicity. 5 th Conference of Italian Researchers in the World. Consulate General of Italy, Houston, Texas
10/20/2010	Invited Moderator, Experimental Neurosciences Annual American Society of Anesthesiologists Meeting, New Orleans, Louisiana, October 17-21, 2009
09/11/2010	Invited Instructor, Videolaryngoscopy, Difficult Airway Workshop Texas Society of Anesthesiologists 2010 Annual Meeting San Antonio, Texas, September 9-12, 2010
09/24/2010	Invited Instructor Difficult Airway Workshop and Patient Simulation. The Society for Airway Management 2010 Annual Meeting, Chicago, Illinois, September 24-26
10/12/2010	Invited Speaker for Research Retreat, Session I "Thromboelastography-Platelet Mapping (TEG-PM) and Perioperative Management of Antiplatelets Therapy" The University of Texas Medical School at Houston, Houston, Texas
10/17/2010	Invited Moderator, Experimental Neurosciences American Society of Anesthesiologists Annual Meeting, San Diego, California
10/19/2010	Invited Speaker, Problem Based Learning Discussion Management of Antiplatelet Therapy in Patients with Coronary Stents for Noncardiac Surgery American Society of Anesthesiologists Annual Meeting, San Diego, California
12/04/2010	Invited Speaker for Perioperative Management of Antiplatelet Therapy. 6 th Conference of Italian Researchers in the World. Consulate General of Italy, Houston, Texas
01/ 03/2011	Invited Smiths Medical Production Champion Speaker for the Percutaneous Tracheostomy

- Workshop, Houston, Texas. Lifeline Smith-Medical recognition, March/April 2011, pag.13-14
- 09/10/2011 Invited Instructor, Percutaneous Cricothyrotomy and Tracheostomy, Difficult Airway Workshop Texas Society of Anesthesiologists 2011 Annual Meeting San Antonio, Texas, September 9-12, 2011
- 09/30/2011 Invited Speaker for Perioperative Management of Antiplatelet Therapy. Department of Internal Medicine, Cardiology Fellowship Program. UTHSC
- 10/16/2011 Invited Moderator, Experimental Neurosciences, CNS Ischemia and Injury. Annual American Society of Anesthesiologists Meeting, Chicago, October 15-19, 2013
- 10/18/2011 Invited Moderator, Experimental Neurosciences, Neurotoxicity. Annual American Society of Anesthesiologists Meeting, Chicago, October 15-19, 2013
- 12/03/2011 Invited Moderator for Biomedical Sciences. 7th Conference of Italian Researchers in the World. Consulate General of Italy, Houston, Texas
- 05/19/2012 Invited Speaker. The anesthesia preoperative clinic. Past and Future. TexMed 2012 (TMA), Texas Society of Anesthesiologist interim meeting, Dallas, TX.
- 06/28/2012 Life Flight Invited Speaker. Airway Management: when everything else fails. Atascocita Fire Marshall EMS. Humble TX
- 10/15/2012 Invited Moderator, Experimental Neurosciences, CNS Ischemia and Injury. Annual American Society of Anesthesiologists Meeting, Washington D.C., October 13-17, 2012
- 10/16/2012 Invited Moderator, Experimental Neurosciences, Neurotoxicity. Annual American Society of Anesthesiologists Meeting, Washington D.C., October 13-17, 2012

- 12/01/2012 Invited Moderator for Biomedical Sciences. 8th Conference of Italian Researchers in the World. Consulate General of Italy, Houston, Texas
- 09/25/2013 Invited Preceptor, Fragile Brains: Anesthesia in the Elderly and Postoperative Cognitive Dysfunction. Anesthesia Assistant Case Western University Training Program, UTHSC, Houston TX, candidate student Long Van.
- 10/13/2013 Invited Moderator, Experimental Neurosciences, CNS Ischemia and Injury. Annual American Society of Anesthesiologists Meeting, San Francisco, October 12-16, 2013
- 10/15/2013 Invited Moderator, Experimental Neurosciences, Mechanisms. Annual American Society of Anesthesiologists Meeting, San Francisco, October 12-16, 2013
- 10/16/2013 Invited Moderator, Equipment, Monitoring and Engineering Technology: Airways and Ventilation. Annual American Society of Anesthesiologists Meeting, San Francisco, October 12-16, 2013
- 12/14/2013 Invited Moderator for General Session, Young Investigators. 9th Conference of Italian Researchers in the World. Consulate General of Italy, Houston, Texas
- 01/23/2014 Invited Lecturer, Department of ORL Grand Round, UTH, Medical School at Houston, Houston TX. Functional Studies of Coagulation. A primer for ORLs.
- 07/23/2014 Invited Lecturer, Department of Surgery, UTH, Medical School at Houston, Score Residency Program, LBJ. Preoperative Risk Assessment.
- 09/19-21/2014 Invited Speaker and Instructor. The Society of Airway Management 2014 Annual Meeting. Difficult Airway Case Scenarios (09/20) and Research Award Update (09/21). The Airway Workshop (09/19). Seattle, WA, Sept 19-21st.

- 09/27-28/2014 Invited Instructor and Speaker, Stanford Advanced Airway Management Course. Stanford, CA, Sept 27-28.
- 10/11-15/2014 Invited Moderator: Problem Based Learning Discussion. Management of antiplatelets therapy in patients with coronary stents for noncardiac surgery. Annual American Society of Anesthesiologists Meeting (New Orleans, LA, 2014, October 11-15th)
- 10/11-15/2014 Invited Moderator: Equipment, monitoring, and engineering technology poster sessions. (ASA 2014, New Orleans, LA, 2014, October 11-15th)
- 10/13/2014 Invited Speaker. ASA 2014 New Orleans. Differential Effects of Sevoflurane versus Propofol on the Morphoproteomic Expression of Oral Cavity and Oropharyngeal Squamous.
- Anesthesia Preoperative Clinic: Memorial Hermann Hospital TMC Experience.
- 12/06/2014 Invited Moderator for General Session, Young Investigators. 10th Conference of Italian Researchers in the World. Consulate General of Italy, Houston, Texas
- 02/12/2015 Moderator for the Anesthesia and Surgery Combined Journal club meeting. Oxygen and SSIs. The University of Texas Health.
- 10/25-27/2015 Invited Moderator: Problem Based Learning Discussion. Management of antiplatelets therapy in patients with coronary stents for noncardiac surgery. Annual American Society of Anesthesiologists Meeting (San Diego, CA, 2014, October 24-28th)
- 10/26/2015 Invited Speaker. ASA 2015 San Diego. Analgesic Effectiveness of Preemptive IV Acetaminophen (IVAPAP) Following Functional Endoscopic Sinus Surgery (FESS) for Chronic Rhino-Sinusitis (CRS): A Randomized Controlled Trial.
- 02/2016 Invited Speaker. Echogenic Endotracheal Tubes and Laryngeal Mask Airways: A Reality? 11th Conference

of Italian Researchers in the World. February 27-28th,
2016, Consulate General of Italy, Houston, Texas

INTERNATIONAL:

- 2/28/2004 Invited Speaker at the Tuscany Critical Group Meeting.
1st Abbott Award Prize, Siena, Italy
Disserted board thesis in Anesthesiology and Critical Care
- 4/24/2004 Invited Speaker at the Tuscany Meetings
Pontedera, Pisa, Italy
Case Report of Sepsis Treated with Activated Pr C (Xigris). Clinical Implications.
- 2004 Invited Co-Speaker at the 58th SIAARTI Meeting, Genova, Italy. Xenon Transformism
- 2004 Invited Lecturer, AUSL, Versilia Hospital, Lucca, Italy
HPH Health Promoting Hospital Project
The Acute Postoperative Pain Management.
Theoretical Issues, Assessment and Treatment of Pain
- 12/9/2004 Invited Speaker at the LAB Meeting, Pisa, Italy
The Glidescope: Management of Difficult Airway
Prediction of the Difficult Airway
- 12/10/2004 Invited Moderator, LAB, Pisa, Italy
Moderator of Planet Glottis: The Control of the Airway
- 06/10/2005 Invited Lecturer at the 59th SIAARTI Congress, Bari, Italy.
Laryngeal Mask Task Trainer Course
- 06/13/2009 Invited Speaker at the COPD Tuscany Guidelines Meeting. Versilia Hospital AUSL 12 Viareggio Italy
“Airway Management: an Update”
- 06/11/2010 Invited Speaker at the “Il paziente impaziente: quali risposte”, (The Patient Inpatient – Which Answers). CME event from the healthcare government, AUSL12 Versilia Hospital. Lido di Camaiore, Italy, The Preoperative Anesthesia Clinic

- 06/11/2010 Invited Moderator at the “Il paziente impaziente: quali risposte”, (The Patient Inpatient – Which Answers). CME event from the healthcare government, AUSL12 Versilia Hospital. Lido di Camaiore, Italy
- 06/10 – 6/11/2011 Invited Speaker at the Between Dream and Reality: Becoming a Mother Meeting. CME event from the healthcare government, AUSL12 Versilia Hospital. Lido di Camaiore, Italy
Becoming a Mother in Texas
- 6/11/2011 Invited Moderator at the Between Dream and Reality: Becoming a Mother Meeting. CME event from the healthcare government, AUSL12 Versilia Hospital. Lido di Camaiore, Italy
Neuro-protection: From Bench Research to Clinical Application
- 05/2-05/04/2012 2010 Proposal Call, Young Investigators, Foreign and Co-funded Industry Research Projects, Ministry of Health, National Grants, Rome May 2-4 2012.
- 06/6-06/08/2012 Program Director: Regional Anesthesia Workshop. AUSL 12 Versilia Hospital, Italy. Sponsored by LifeTech, Inc., Texas.