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Director of Medical Ethics Curriculum, UTOLEDO
Chair, Ethics Committee, UTOLEDO
EM Residency Research & Scholarly Project Coordinator
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Professional areas of interest:

- Pain Management
- Ethics

Personal areas of interest:

- Running, triathlons and quilting.

I am honored and delighted to serve as Emergency Medicine Residency Program Director. Please feel free to contact me at any time with questions or comments. Whether you are faculty, a resident, or a student, we welcome your input and questions. Best wishes for your future endeavors in Emergency Medicine!

Hometown: Fenton, MI

Medical School: Johns Hopkins University School of Medicine

Residency: Johns Hopkins Hospital

Professional Affiliations

ABEM Board of Directors
ACEP Ethics Committee
SAEM Ethics Committee
Ohio ACEP Board of Directors
Former President Ohio ACEP

Publications

Peer Review Scientific Publications (Past 5 years):

Marco CA, Buderer N, Thum D: End of Life Care: Perspectives of Families of Deceased Patients. Am J Hospice Pall Care 2005; 22:26-31.

Marco CA, Plewa MC, Buderer N, Black C, Roberts A: Comparison of Oxycodone and Hydrocodone for Treatment of Acute Pain Associated with Fractures: A Double-Blinded, Randomized, Controlled Trial. *Acad Emerg Med* 2005; 12:282-88

DeSantis M, Marco CA: Emergency Medicine Residency Selection: Factors Influencing Candidate Decisions. *Acad Emerg Med* 2005; 12:559-561.

Marco CA: Ethical Issues of Resuscitation: An American Perspective. *Postgrad Med* 2005; 81:608-12.

Marco CA, Vaughn J: Emergency Management of Agitation in Schizophrenia. *Am J Emerg Med* 2005; 23/6 : 767-776

Moskop JC, Marco CA, Geiderman J et al: From Hippocrates to HIPAA: Privacy and Confidentiality in Emergency Medicine Part I: Conceptual, Moral, and Legal Foundations. *Ann Emerg Med* 2005; 45:53-9.

Moskop JC, Marco CA, Geiderman J et al: From Hippocrates to HIPAA: Privacy and Confidentiality in Emergency Medicine Part II: Challenges in the Emergency Department. *Ann Emerg Med* 2005; 45: 60-7.

Marco CA: Commentary on Dr. Death: Reflections of Death Telling. *Acad Emerg Med* 2006; 13:465-66.

Marco CA, Plewa MC, Buderer N, Hymel G, Cooper C: Self-reported pain scores in the emergency department: lack of association with vital signs. *Acad Emerg Med* 2006 13: 974-979

Marco CA, Marco AP, Plewa MC, Buderer N, Bowles J, Lee J: The Verbal Numeric Pain Scale: Effects of Patient Education on Self-Reports of Pain. *Acad Emerg Med* 2006 13: 853-859

Marco CA, Schears RM: Death, Dying and Last Wishes. *Emerg Med Clinics N America* 2006; 24: 969-988.

Marco CA, Moskop JC, Solomon RC, Geiderman J, Larkin GL: Gifts to Physicians from the Biomedical Industry: An Ethical Analysis. *Ann Emerg Med* 2006; 48:513-21.

Marco CA, Marco AP, Buderer NF, Jones JM: Pain Perception Among ED Patients with Headache: Responses to Standardized Painful Stimuli. *J Emerg Med* 2007; 32(1): 1-6.

Schears RM, Watters A, Schmidt TA, Marco CA, Larkin GL, Marshall JP, Mason JD, McBeth BD, Mello MJ: The Society for Academic Emergency Medicine Position on Ethical Relationships with Biomedical Industry. *Acad Emerg Med* 2007; 14 (2): 179-81.

Bernal EW, Marco CA, Parkins S, Buderer N, Thum SD: End of life decisions: Family views on advance directives. *Am J Hosp Palliative Care* 2007; 24:300-7.

Marco CA: Impact of Detailed Informed Consent on Research Subjects' Participation: A Prospective, Randomized Trial. *J Emerg Med* 2008; 34:269-75.

Marco CA, Rothman RE: HIV Infection and Complications in Emergency Medicine. *Emerg Med Clinics N America* 2008; 26:367-87

Marco CA, Marco AP: Airway Adjuncts. *Emerg Med Clin N Am* 26 (2008) 1015–1027

Marco CA: Creams, lotions, steroids, and more: A Commonsense Guide to Dermatologic Therapy. *Emergency Medicine* 2008.

Tarzian AJ, Marco CA: “Is there a Role for the Ethics Committee in Responding to Abusive Patients?” *HEC Forum* 2008 Jun;20(2):127-36.

Quest T, Marco CA, Derse AR: Hospice and Palliative Medicine and Emergency Medicine: New Subspecialty, New Opportunities. *Ann Emerg Med* 2009; 54:94-102.

Marco CA, Larkin GL: Cardiopulmonary Resuscitation: Knowledge and Opinions among the U.S. General Public: State of the Science-Fiction. *Resuscitation* 2008; 79:490-98.

Marco CA, GL: Cardiopulmonary Resuscitation: Knowledge and Opinions among the U.S. General Public: State of the Science-Fiction. *Resuscitation* 2008; 79:490-98 (corrigendum).

Marco CA, Bessman E, Kelen GD: Ethical Issues of Cardiopulmonary Resuscitation: Comparison of Emergency Physician Practices between 1995 and 2007. *Acad Emerg Med* 2009; 16:270-3.

Savory EA, Marco CA: End-of-life issues in the acute and critically ill patient. *Scand J Trauma, Resus and Emerg Med* 2009; 17:21.

Counselman FL, Marco CA, Patrick VC et al: A Study of the Workforce in Emergency Medicine: 2007. *Am J Emerg Med* 2009; 27:691-700.

Kessler CS, Marcolini EG, Schmitz G, Gerardo CJ, Burns G, DelliGatti B, Marco CA, Manthey DE, Gutman D, Jobe K, Younggren BN, Stettner T, Sokolove PE: Off-service Resident Education in the Emergency Department: Outline of a National Standardized Curriculum. *Acad Emerg Med* 2009; 16:1325–1330.

Kowalenko T, Char D, Asher S, Marco CA, et al: Industry Relations with Emergency Medicine Graduate Medical Education Programs. *Acad Emerg Med* 2009; 16: 1025-30.

Baehren DF, Marco CA, Droz D, Sinha S, Callan M, Akpunonu P: A Statewide Prescription Monitoring Program Affects ED Prescribing Behaviors. *Ann Emerg Med* 2010; 56:19-23

Marco CA, Savory EA, Treuhaft K: End-of-life terminology: The ED patients' perspective. *Am J Bioethics* 2010

Marco CA, Shriner CJ: The ABC Framework for Ethical Decisionmaking, *Med Educ* 2010; 44:489-526.

Marco CA, Lu DW, Stettner E, Sokolove PE, Ufberg JW, Noeller TP: Ethics Curriculum for Emergency Medicine Graduate Medical Education. *J Emerg Med* (in press)

Book Chapters

Marco CA: Visual Loss. Chapter in: Harwood Nuss et al, eds: The Clinical Practice of Emergency Medicine, Fourth Edition. Philadelphia: Lippincott Williams and Wilkins 2005.

Rothman R, Marco CA, Kelen GD: HIV Infection and AIDS. Chapter in: Rosen et al: eds: Emergency Medicine: Current Concepts and Clinical Practice, 6th edition, 2006.

Rothman R, Yang S, Marco CA: Human immunodeficiency virus infection and related disorders. chapter in The Clinical Practice of Emergency Medicine, Fourth Edition, AL Harwood-Nuss, ed. Philadelphia: Lippincott Williams and Wilkins 2005.

Marco CA and Broderick K: Sexually transmitted diseases and Human immunodeficiency virus (HIV) infection. Chapter in: Emergency Medicine Secrets, Markovchick VJ and Pons PT, eds, Philadelphia: Mosby, Inc., Fourth Edition, 2006.

Marco CA, King RW: Peptic Ulcer Disease. Chapter in: Abdominal Emergencies, Cline D and Stead L, eds. New York: The McGraw Hill Companies 2008, 73-76.

Marco CA, Kittredge JM, Chin R: Fever and Rash. Chapter in: Emergent Management of Infectious Disorders, Chin R, ed , 2008.

Marco CA, Kittredge JM, Chin R: Fever and Rash in the Pediatric Patient. Chapter in: Emergent Management of Infectious Disorders, Chin R, ed , 2008.

Marco CA and Lester J: Orthopedic Extremity Trauma. Chapter in: ED Pain Management: An Evidence-Based Approach, Thomas S, ed, Cambridge Press 2009, 323-330.

Marco CA and Marco AP: Assessment of Pain. Chapter in: Emergency Department Analgesia: An Evidence-Based Guide, Thomas S, ed, Cambridge Press 2009, 10-18.

Marco CA: Acute Visual Loss. Chapter in: Harwood Nuss et al, eds: The Clinical Practice of Emergency Medicine, Fifth Edition. Philadelphia: Lippincott Williams and Wilkins, 352-57.

Rothman R, Marco CA, Kelen GD: HIV Infection and AIDS. Chapter in: Rosen et al: eds: Emergency Medicine: Current Concepts and Clinical Practice, 7th edition, 1732-50.

Rothman R, Marco CA, Kelen GD: HIV Infection and AIDS. Chapter in: Tintinalli et al, eds: Emergency Medicine: A Comprehensive Study Guide, 7th edition, New York: The Mc-Graw-Hill Companies.

Rothman R, Marco CA: Endocarditis. Chapter in: Tintinalli et al, eds: Emergency Medicine: A Comprehensive Study Guide, 7th edition, New York: The Mc-Graw-Hill Companies, (in press).

Levitan R, Marco CA: Thoracolumbar Spine. Chapter in: Schwartz, Residorff, eds: Emergency Radiology, 2nd edition. New York: The Mc-Graw-Hill Companies (in press)

Jetley A, Marco CA: Medical Procedures on the Newly or Nearly Dead. Chapter in: Practical Ethics in the Emergency Department: Cases, Expert Opinion, Concepts, and Recommendations. (in press)

Published Abstracts

Marco CA, Marco AP, Jones J: Pain perception in emergency department patients with headache: responses to standardized painful stimuli. *Acad Emerg Med* 2005; 12:81-82.

Marco CA: Impact of detailed informed consent on research subject participation: a prospective, randomized trial. *Acad Emerg Med* 2005; 12:80.

Marco CA: Patient satisfaction: variables contributing to emergency department patient satisfaction. *Acad Emerg Med* 2005; 12:103.

Marco CA, Marco AP, Plewa MC, Lee J, Buderer N: The verbal numeric pain scale: effects of patient education on self-reports of pain. *Acad Emerg Med* 2006; 13:S90-b.

Marco CA, Plewa MC, Buderer N, Hymel G, Cooper J: Self-reported pain scores in the emergency department: lack of association with vital signs. *Acad Emerg Med* 2006; 13:S90.

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Julian C, Fearheiley C, Marco CA: A Novel Wrist Splint Device Reduces Dental Pressure During Intubation. *Ann Emerg Med* 2006; 48:15

Marco C, Treuhaft K, Savory E: End of life terminology: Understanding among Emergency Department patients. *Acad Emerg Med* 2009; 16 (4), Suppl 1: S134-35.

Sinha S, Callan EM, Akpunonu P, Baehren D, Marco C: How does use of a statewide prescription monitoring program affect emergency department prescribing behaviors? *Ann Emerg Med* 2009; 54: S14-15.

Marco CA, Lumbrezer D, Dean D: Informed Consent for Emergency Treatment: Perspectives of Emergency Department Patients and Visitors. *BioQuarterly BENO* 2009; 19 (8): 9.

Marco CA, Brickman K, Baehren DF: "The Patient Experience" : A Novel Educational Experience in the ACGME General Competencies. Emergency Medicine Council of Residency Directors Academic Assembly, Orlando, Florida, March 2010

Audiovisual and Electronic Projects

Marco CA, Schears RM: An ER decision to withhold care. Virtual Mentor. 2007; 9:174-181.
http://www.ama-assn.org/ama1/pub/upload/mm/384/cc3_17281.pdf

Ward J, Quest, T, Marco CA, End of Life Issues, Emergency Care for You, ACEP Foundation Website, <http://www.emergencycareforyou.org/EmergencyManual/EndOfLife/Default.aspx>

Other Publications

Jeppeson G, Marco CA: Common Dermatologic Emergencies. Emergency Medicine Reports 2005; 26 (4): 37-47.

Boskovich B, Marco CA: Nephrolithiasis. Emergency Medicine Reports 2005; 26:1-12.

Marco CA, Derse AR, Kaczander K: Informed Consent in Emergency Medicine. Emergency Medicine Specialty Reports. American Health Consultants: June 2005; Supplement SO5179

Marco CA: End of Life Care: ED or Inpatient? ACEP News 2005

Marco CA, Schmidt TA, Larkin GL: Publication ethics: Steering a straight course. ACEP News December 2005: p. 18.

Marco CA, Derse AR: Informed Consent. ED Legal Letter 2006; 17:49-60.

Boskovich B, Marco CA: Nephrolithiasis: Imaging Options and Controversies. Practical Summaries in Acute Care 2006; 1:77-84.

Marco CA: How can I get involved? Ohio Chapter ACEP EPIC, July/Aug/Sept 2006.

Marco CA: ACEP Scientific Assembly : Emergency Physicians Come Together. Ohio Chapter ACEP EPIC, Oct/Nov/Dec 2006

Marco CA: Medical Humanities Events Wow the Crowds. ACEP News December 2006: 20.

Marco CA: Access to Care, End of Life are Top Ethical Issues. ACEP News December 2006: 21.

Larkin GL, Marco CA: Ethical Issues of Restraints in the ED, ACEP News 2007; 26:20,28.

Marco CA: Professionalism in Emergency Medicine. Ohio Chapter ACEP EPIC, Jan/Feb/Mar 2007; Vol 24 (1)

Marco CA: Extend a Hand to the Grieving Family. Emergency Physicians Monthly 2006; 13(9): 17.

Marco CA: Medical Malpractice: What to do? Ohio Chapter ACEP EPIC, Apr/May/June 2007, Vol 24 (2): 3-4.

Marco CA: Advancing Emergency Care: Actions for All Emergency Physicians. Ohio Chapter ACEP EPIC, Jan/Feb/Mar 2008, Vol 25 (1): 1-2.

Marco CA: Fewer Lawsuits for Ohio Emergency Physicians? Action Alert – Emergency Healthcare Access Legislation. Ohio ACEP Newsletter Winter 2010.

Marco CA, Moskop JC: The EP in the Courtroom: Expert Witness Testimony. ACEP News February 2010: 11.

Marco CA: Ethics in Action: Can Intoxicated Patients Leave Against Medical Advice? SAEM Newsletter May 2010

Marco CA: Pediatric Eye Trauma. Pediatric EM Reports 2009; 14(11): 133-144.

Marco CA: Early Goal-directed Therapy for Sepsis (letter): EP Monthly 2010 17(4):3.

Presentations

“Obstructive & Restrictive Lung Disease in the ED”, EM Resident Curriculum, University of Toledo, Apr 2010.

“Cultures & Sensitivities”, EM Grand Rounds, University of Toledo, Apr 2010.

“Electrolyte Disturbances”, EM Resident Curriculum, University of Toledo, Mar 2010.

“Genitourinary Tests: Careful Interpretation & Utilization”, EM Resident Curriculum, University of Toledo, Mar 2010.

“Facts & Myths: Refusal of Care & AMA”, EM Resident Curriculum, University of Toledo, Feb 2010.

“Ethical Issues of Resuscitation”, EM Grand Rounds, University of Toledo, Nov 2009.

“HIV Infection & AIDS”, EM Resident Curriculum, University of Toledo, Oct 2009.

“Ophthalmological Emergencies”, EM Resident Curriculum, University of Toledo, Sep 2009.

“Approach to the Unknown Rash”, EM Resident Curriculum, University of Toledo, Sep 2009.

“Shortness of Breath”, EM Resident Education Symposium, University of Toledo, Jul 2009-10.