

Robert A. Catania, MD, FACS, FASMBS

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DATE OF BIRTH: 22 November, 1966

PLACE OF BIRTH: Philadelphia, PA

EDUCATION: Bucknell University, BS 1988
Lewisburg, PA

The Pennsylvania State University, MS 1990
University Park, PA

Temple University School of Medicine, MD 1994
Philadelphia, PA

BOARD CERTIFICATION: The American Board of Surgery 2002-2013
Certificate Number 047776 2011-2023

LICENSURE: Rhode Island MD09742 1997-2002
North Carolina: 200100847 2001-2009
Maryland: D64617 2006-2008
New Hampshire 14408 2009-Present

CLINICAL EXPERIENCE: Brown University Department of Surgery, Providence, RI

Surgical Intern/Resident 1994-1996
Surgical Resident 1998-2000
Executive Chief Surgical Resident 2000-2001

Naval Hospital Cherry Point
Staff Surgeon 2001-2004
Department Head 2003-2004

National Naval Medical Center
Staff Surgeon 2004-2006

University of Maryland Medical Center
Minimally Invasive Surgery Fellow 2006-2007

Naval Medical Center Portsmouth
Staff Surgeon 2007-2009

Catholic Medical Center
Staff Surgeon 2009-2020
Chief, Metabolic and Bariatric Surgery 2015-2020

Speare Memorial Hospital
Locum Tenens June 2018-Present

Southern New Hampshire Health System
Chief, Metabolic and Bariatric Surgery October 2020-Present

RESEARCH EXPERIENCE: Weis Center for Research, Geisinger Medical Clinic 1988
Summer Research Fellow

Dept. of Genetics, The Pennsylvania State University 1988-1990
Graduate Research Assistant

Center for Surgical Research, Rhode Island Hospital June 1996- June 1998
Heffenreffer Fellow in Surgical Research

ACADEMIC APPOINTMENTS:	Clinical Instructor in Surgery Brown University School of Medicine	July 2000- June 2001
	Assistant Professor in Surgery Uniformed Services University of the Health Sciences	August 2005-September 2009
	Visiting Instructor in Surgery University of Maryland School of Medicine	July 2006-June 2007
SOCIETY MEMBERSHIPS:	Sigma Xi	1988-Present
	Alpha Omega Alpha	1994-Present
	American College of Surgeons, Fellow	2004-Present
	Society of American Gastrointestinal And Endoscopic Surgeons	2004-Present
	Society for Surgery of the Alimentary Tract	2007-Present
	American Society for Metabolic and Bariatric Surgery, Fellow	2009-Present
	American Foregut Society	2019-Present
	Obesity Medicine Association	2021-Present
HONORS:	W. Emory Burnett Prize in Surgery, Temple Univ. Dept. of Surgery	1994
	Outstanding Intern Award, Brown Univ. Dept. of Surgery	1995
	American College of Surgeons Trauma Resident Competition -Winner, New England Region, Basic Science Category	1997
	Shock Society Travel Award	1998
	New England Surgical Society Resident Paper Competition, First place	1998
	Academic Achievement Award, Brown University Department of Surgery	1999
	Outstanding Chief Resident Award, Brown Univ. Dept. of Surgery	2001
	Resident Teaching Award, Brown Univ. Dept. of Surgery	2001
	New Hampshire Magazine Top Physicians, General Surgery	2015, 2016, 2018, 2019, 2020
ACTIVITIES:	Catholic Medical Center	
	-Member, Institutional Review Board	2010-2016
	-Board of Trustees	2016-2020
	-Vice President of Medical Staff/Credentials Chair	2017-2019
	-President of Medical Staff	2019-2020
	-Strategic Planning Committee	2019-2020
	-Expansion Steering Committee	2019-2020
	New Hampshire Chapter of The American College of Surgeons	
	-President	2016-Present
	American College of Surgeons	
	-Membership Committee	2018-Present
	SAGES	
	-Advocacy Committee	2018-Present
	-Community Practice Task Force	2018-Present
	ASMBS	
	-Access to Care Committee	2019-Present
MILITARY SERVICE:	Commander (Separated), United States Navy Medical Corps	1997-2009
PUBLICATIONS:	Catania RA: The Effects of Aging on The Representation of T-lymphocyte Populations in Resting and Mitogen Stimulated Cells. Masters Thesis, Dept. of Genetics, The Pennsylvania State University, 1990.	

Angele MK, Xu YX, Ayala A, **Catania, RA**, Cioffi WG, Bland KI, Chaudry IH: Gender differences in immune responses: Increased thymocyte apoptosis occurs only in males but not in females after hemorrhage. *Surg Forum* 158: 95-97, 1997.

Smail N, **Catania RA**, Wang P, Cioffi WG, Bland KI, Chaudry IH: Gut and Liver: The organs responsible for increased nitric oxide production after trauma-hemorrhage and resuscitation. *Arch Surg* 133:399-405, 1998.

Samy TSA, Ayala A, **Catania RA**, Chaudry IH: Trauma-hemorrhage activates signal transduction pathways in mouse splenic T cells. *Shock* 9(6):1-8,1998.

Catania RA, Angele MK, Ayala A, Cioffi WG, Bland KI, Chaudry IH: Dehydroepiandrosterone (DHEA): A novel hormone therapy for restoring T-lymphocyte function following trauma and hemorrhage. *Surg Forum* 159:27-29, 1998.

Angele MK, **Catania RA**, Ayala A, Cioffi WG, Bland KI, Chaudry IH: Dehydroepiandrosterone (DHEA): An inexpensive steroid hormone which decreases the mortality from sepsis following trauma-hemorrhage. *Arch Surg* 133(12):1281-1288, 1998.

Schwacha MG, Samy TSA, **Catania RA**, and Chaudry IH: Thermal injury alters macrophage responses to prostaglandin E2: Contribution to the enhancement of inducible nitric oxide synthase activity. *J. Leukocyte Biology* 64:740-746, 1998.

Catania RA, Schwacha MG, Cioffi WG, Bland KI, and Chaudry IH: Does uninjured skin release pro-inflammatory cytokines following trauma and hemorrhage? *Arch Surg* 134:368-374, 1999.

Angele MK, Schwacha MG, Smail N, **Catania RA**, Ayala A, Cioffi WG, and Chaudry IH: Hypoxemia in the absence of blood loss upregulates iNOS expression and activity in macrophages. *Am J Physiol* 276:C285-290, 1999.

Catania RA, Angele MK, Ayala A, Cioffi WG, Bland KI, Chaudry IH: Dehydroepiandrosterone (DHEA) restores immune function following trauma-hemorrhage by a direct effect on T-lymphocytes. *Cytokine* 11(6):443-50, 1999.

Angele MK, Xu YX, Ayala A, Schwacha MG, **Catania RA**, Cioffi WG, Bland KI, and Chaudry IH: Gender dimorphism in trauma-hemorrhage-induced thymocyte apoptosis. *Shock* 12(4):316-22, 1999.

Catania RA: The PreOp Guide: A Patient's Guide to Surgery. www.preopguide.com, 2000.

Catania RA, Kavic S, Roth JS, Lee TH, Meyer T, Fantry GT, and Park A: Laparoscopic Nissen Fundoplication Effectively Relieves Symptoms In Laryngopharyngeal Reflux. *J GI Surg* 11(12):1579-1587, 2007.

Lee G, Lee T, Dexter D, Godinez C, Meenaghan N, **Catania RA**, and Park A: Ergonomic risk associated with assisting in minimally invasive surgery. *Surg Endosc* 23:182-188, 2009.

**BOOK CHAPTERS
&REVIEWS:**

Catania RA and Chaudry IH: The immunological consequences of trauma and shock. *Ann Acad Med Singapore*, 28(1):120-132, 1999.

Catania RA and Park A: Laparoscopy and Endoscopy in Organ Transplant. In: Soper NJ and Swanstrom LL, eds. *Mastery of Endoscopic and Laparoscopic Surgery* 3e. Lippincott, Williams & Wilkins. 2008.

ABSTRACTS AND PRESENTATIONS:

Samy TSA, Ayala A, **Catania RA**, Chaudry IH: Trauma-hemorrhage induced activation of transcription factors, Stat 1 and NF- κ B, in mouse T-cells. 17th International Congress of Biochemistry and Molecular Biology, 1997.

Samy TSA, **Catania RA**, Ayala A, Monfils B, Chaudry IH: INF- γ induced signal transduction in mice splenic T-cells following trauma (Tr) and hemorrhage (H). Twentieth Annual Conference on Shock, Indian Wells, CA, June 15-18, 1997.

Smail N, **Catania RA**, Wang P, Cioffi WG, Bland KI, Chaudry IH: Gut and liver: The organs responsible for increased nitric oxide production after trauma-hemorrhage and resuscitation. New England Surgical Society, Annual Meeting 1997, Bolton Landing, NY, September 19-21, 1997.

Catania RA, Angele MK, Ayala A, Cioffi WG, Bland KI, Chaudry IH: Dissociation between T-lymphocyte IL-2 production and IL-2 receptor expression following trauma and hemorrhage. 5th Annual Hospital Research Celebration, Rhode Island Hospital, Providence, RI, November 12, 1997.

Catania RA: Differential gene expression following experimental injury: Insight into the mechanism of trauma-hemorrhage induced immunosuppression. American College of Surgeons Region I Committee on Trauma Resident Paper Competition, Boston, MA, December 5, 1997.

Angele MK, Smail N, **Catania RA**, Ayala A, Cioffi WG, Chaudry IH: Hypoxia upregulates iNOS expression in macrophages and increases nitric oxide release. Inflammation and the Surgical Patient: Mechanisms and Therapy in Trauma and Burns 1998, Snowbird, Utah, January 31-February 4, 1998.

Catania RA, Angele MK, Sheu M, Ayala A, Cioffi WG, Chaudry IH: Dehydroepiandrosterone(DHEA) improves immune function following trauma-hemorrhage. Inflammation and the Surgical Patient: Mechanisms and Therapy in Trauma and Burns 1998, Snowbird, Utah, January 31-February 4, 1998.

Catania, RA, Angele MK, Ayala A, Cioffi WG, Chaudry IH: Depressed IL-2 gene expression contributes to trauma-hemorrhage induced immunosuppression. The Society of University Surgeons Residents' Program, Milwaukee, WI, Feb 11-14, 1998

Angele, MK, **Catania, RA**, Ayala A, Cioffi WG, Bland KI, Chaudry IH: Dehydroepiandrosterone (DHEA): An inexpensive steroid hormone which decreases the mortality from sepsis. Surgical Infection Society, Annual Meeting 1998, New York, NY, April 30-May 2, 1998.

Catania, RA, Angele MK, Ayala A, Cioffi WG, , Chaudry IH: Interleukin-2 secretion following trauma and hemorrhage is not depressed. Twenty-first annual conference on Shock, San Antonio, TX, June 14-17, 1998.

Catania, RA, Schwacha MG, Cioffi WG, Bland KI, and Chaudry IH: Does uninjured skin release pro-inflammatory cytokines following trauma and hemorrhage? New England Surgical Society, Annual Meeting 1998, Toronto, Ontario, Canada, September 25-27, 1998.

Catania, RA: Immune function following trauma and hemorrhage: Perspectives from the Center for Surgical Research. Surgical Grand Rounds, Brown University School of Medicine and Rhode Island Hospital, Providence, RI, September 30, 1998.

Catania, RA, Angele MK, Ayala A, Cioffi WG, Bland KI, and Chaudry IH: Dehydroepiandrosterone (DHEA): A novel steroid hormone therapy for restoring T-lymphocyte

function following trauma and hemorrhage. American College of Surgeons, Annual Meeting 1998, Orlando, FL, October 25-30, 1998.

Catania, RA: Fecal Incontinence: Diagnosis and Management of an Under-Reported Problem. Surgical Grand Round, Brown University School of Medicine and Rhode Island Hospital, Providence, RI, November 1, 2000.

Catania, RA, Halvorson E, Gaissert H, and Iannitti DA: Mesoatrial Shunt in the Treatment of Acute Budd-Chiari Syndrome. American Hepato-Pancreato-Biliary Association, 2001 Americas Congress, Miami Beach, FL, February 23-25, 2001.

Catania, RA: Breast Evaluation and Imaging for Primary Care Providers. CME Lecture Series, Naval Hospital Cherry Point, NC, June 19, 2003.

Catania, RA, and Park A: A Novel Closure of the Difficult Esophageal Hiatus. Hernia Repair 2007, Hollywood, FL, March 7-11, 2007.

Catania, RA, Kavic S, Roth JS, Lee TH, Meyer T, Fantry GT, and Park A: Laparoscopic Nissen Fundoplication Effectively Relieves Symptoms In Laryngopharyngeal Reflux. Digestive Disease Week 2007, Washington D.C., May 19-24, 2007.

Catania, RA, Platz T, and Park A: The Great Hernia Debate. Innovations in Surgery Teleconference, June 1, 2007.

Catania, RA: Surgical Management of Paraesophageal Hernia. Surgical Grand Rounds, Naval Medical Center Portsmouth, Portsmouth, VA, November 27, 2007.

Catania, RA: My Heartburn Is Killing Me-Management Strategies for Refractory Gastroesophageal Reflux. Hospital Grand Rounds, Catholic Medical Center, Manchester, NH, March 24, 2010.

Catania, RA: Issues from the Field-Iraq and Afghanistan. 6th Innovations In The Surgical Environment Conference, Annapolis, MD, March 27, 2010.

Catania, RA: What Do I Do With This? Management of The Exudative Wound, Nursing Grand Rounds, Catholic Medical Center, Manchester, NH, April 28, 2010.

Catania, RA: Ouch...That Hurts! Concepts In Acute Pain Management, CMC Pain Management Conference, May 2, 2011.

Catania, RA: Prescription And Over The Counter Weight Loss Drugs: Do They Have A Role? New Hampshire Medical Society Annual Meeting, Portsmouth, NH, October 17, 2012.

Catania, RA: Is Surgery Effective In Treating Obesity, St. Anselm Obesity Conference, Goffstown, NH, April 11, 2013.

Catania, RA: Fluid Resuscitation In Thoracic And Abdominal Trauma, EMS Symposium, Manchester, NH, June 25, 2013.

Catania, RA: Damage Control Surgery, EMS Symposium, Manchester, NH, February 8, 2016.

Catania, RA: How Am I Supposed To Fix This: Cases From The CMC Transfer Center, North Country Symposium, Mountainview Grand Resort, NH, September 15, 2017.

Catania, RA: Bariatric Emergencies For The General Surgeon: Band Complications, SAGES Annual Meeting, Baltimore, MD, April 3, 2019.

Catania, RA: Bariatric Emergencies, Emergency Department Grand Rounds, Southern New Hampshire Hospital, Nashua, NH, March 10, 2021.

Berke, D, **Catania, RA**, Kaczanowski, M: The Evaluation and Management of Upper GI Complaints: Reflux, Dysphagia, and Early Satiety, Grand Rounds, Southern New Hampshire Hospital, Nashua, NH, March 30, 2021.