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Place of Birth: USA

**EDUCATION**

1982-1985		St. John's University, Flushing, NY
1985-1987	Bachelor of Arts	New York University, New York, NY
1987-1991	Doctor of Medicine	Stony Brook School of Medicine, Stony Brook, NY

**POSTDOCTORAL TRAINING**

1991-1994	Internal Medicine, Board Certified, Winthrop-University Hospital, Mineola, NY
1994-1997	Pulmonary, Critical Care, & Sleep Medicine Fellowship, Winthrop-University Hospital, Mineola, NY

**FACULTY ACADEMIC APPOINTMENTS**

2010 – present	Assistant Professor of Medicine, Hofstra Northwell School of Medicine
2010 – present	Assistant Professor of Cardiovascular & Thoracic Surgery, Hofstra Northwell School of Medicine
2009 – present	Fellow of the American College of Physicians
2002 – present	Fellow of the American College of Chest Physicians
1998 – 1999	Assistant Professor of Medicine, State University of New York at Stony Brook

## **APPOINTMENTS AT HOSPITALS/AFFILIATED INSTITUTIONS**

- 2012-present Medical Director, Respiratory Care Services, North Shore University Hospital
- 2007-present Chief, Critical Care Division, Department of Cardiovascular & Thoracic Surgery
- 2007-present Director, Cardiothoracic Intensive Care Unit  
North Shore University Hospital
- 2005-2007 Saint Michael's Medical Center  
*Newark, New Jersey*  
Chief, Cardiothoracic Critical Care  
Director, Cardiothoracic Intensive Care Unit  
Cathedral Heart & Vascular Institute
- 1999-2005 Lenox-Hill Hospital  
*New York, New York*  
Medical Director, Cardiothoracic Surgery  
Director, Cardiothoracic Intensive Care Unit  
Heart & Vascular Institute of New York
- 1997-1999 Winthrop-University Hospital  
*Mineola, New York*  
Medical Director, Cardiac Surgical Intensive Care Unit  
Department of Thoracic & Cardiovascular Surgery

## **PROFESSIONAL SOCIETIES**

American College of Chest Physicians  
New York State Medical Society  
American Medical Association  
American College of Physicians  
Society of Critical Care Medicine

## **BOARD CERTIFICATION**

Board Certified in Internal Medicine  
Board Certified in Pulmonary Medicine  
Board Certified in Critical Care Medicine

## **COMMITTEES-PANELS-EXPERT CONSULTANT**

2018 – present **Chairperson:**  
NSUH - Service Improvement Coordinating Group

North Shore University Hospital

- 2017 – present Member: American College of Chest Physicians NetWorks:  
Cardiovascular Medicine and Surgery
- 2016 – present **Chairperson:**  
Northwell Physician Donor Council  
Northwell Health
- 2015-2017 **Co-chairperson**  
NSUH - Service Improvement Coordinating Group  
North Shore University Hospital
- 2014-present Consultant: New York State Department of Health, Empire State Medical  
Scientific & Educational Foundation Physician Reviewer
- 2013-present FDA Panel of the Medical Devices Advisory Committee:  
Circulatory Systems Device Panel
- 2013-present Reviewer: American College of Chest Physicians, International Chest  
Conference 2013, 2014, 2015. & 2016 Abstract Reviewer
- 2012-present **Chairperson:** Critical Care-Service Improvement Coordinating Group,  
North Shore University Hospital
- 2012-present **Chairperson:** Cardiac Arrest-Rapid Response Team Committee,  
North Shore University Hospital
- 2012-2014 Member: NSUH-Performance Improvement Coordinating Group,  
North Shore University Hospital
- 2011-present Consultant: FDA Panel of the Medical Devices Advisory Committee:  
Anesthesiology and Respiratory Devices Panel
- 2010-present Member: System-wide Pharmacy and Therapeutics Committee,  
Northwell Health
- 2010-present Member: System-wide Critical Care Committee,  
Northwell Health
- 2010 Consultant: FDA Panel of the Medical Devices Advisory Committee:  
Clinical Chemistry and Clinical Toxicology Devices Panel
- 2009-2014 Member: Blood Bank-Transfusion Committee, North Shore University  
Hospital
- 2009-2010 **Chairperson:** Cardiac Surgery Critical Care Collaborative,

North Shore-LIJ Cardiothoracic Programs

- 2008-2012 Member: Cardiac Arrest-Rapid Response Team Committee, North Shore University Hospital
- 2007-2011 Member: FDA Panel of the Medical Devices Advisory Committee: Anesthesiology and Respiratory Devices Panel
- 2007-present Member: Pharmacy and Therapeutics Committee, North Shore University Hospital
- 2007-present Member: Cardiac Surgery System Improvement Collaborative Group, North Shore University Hospital
- 2007-present Member: Hospital Epidemiology & Infection Control Committee, North Shore University Hospital
- 2007-2012 Member: Critical Care-Service Improvement Coordinating Group, North Shore University Hospital

**AWARDS AND HONORS**

- 2010 Fellow, American College of Physicians
- 1997 Fellow, American College of Chest Physicians
- 1994-1995 Outstanding Medical Fellow of the Year, Winthrop-University Hospital, Department of Medicine
- 1993-1994 Excellence in Radiologic Diagnosis, Winthrop-University Hospital, Department of Radiology
- 1991-1992 Outstanding First Year Medical Resident of the Year, Winthrop-University Hospital, Department of Medicine
- 1985-1986 Founders Day Award, New York University

**PUBLICATIONS - Peer review**

Yu PJ, Mattia A, **Cassiere HA**, Esposito R, Manetta F, Kohn N, Hartman AR. Should high risk patients with concomitant severe aortic stenosis and mitral valve disease undergo double valve surgery in the TAVR era? J Cardiothorac Surg. 2017 Dec 29;12(1):123

Yu PJ, **Cassiere HA**, Kohn N, Mattia A, Hartman AR. Impact of Postoperative Hypothermia on Outcomes in Coronary Artery Bypass Surgery Patients. *J Cardiothorac Vasc Anesth* 2017 Aug;31(4):1257-1261.

Yu PJ, **Cassiere HA**, Fishbein J, Esposito RA, Hartman AR. Outcomes of Patients With Prolonged Intensive Care Unit Length of Stay After Cardiac Surgery. *J Cardiothorac Vasc Anesth* 2016 Dec 23;30(6):1550-1554. Epub 2016 Mar 23.

Yu PJ, **Cassiere HA**, Kohn N, Dellis SL, Manetta F, Esposito RA, Hartman AR. Utility of Established Risk Models to Predict Surgical Mortality in Acute Type-A Aortic Dissection. *J Cardiothorac Vasc Anesth* 2016 Jan 11;30(1):39-43. Epub 2015 Aug 11.

Yu PJ, **Cassiere HA**, Kohn N, Dellis SL, Manetta F, Hartman AR Myocardial Infarction Classification on Outcomes in Nonemergent Coronary Artery Bypass Grafting. *Ann Thorac Surg* 2015 Nov 21;100(5):1588-93. Epub 2015 Jul 21.

Yu PJ, **Cassiere HA**, Dellis, SL, Esposito RA, Kohn N, LaConti D, Hartman AR. Dose-dependent effects of intraoperative low volume red blood cell transfusions on postoperative outcomes in cardiac surgery patients. *J Cardiothorac Vasc Anesth* 2014 Dec 26;28(6):1545-9

Yu PJ, **Cassiere HA**, Dellis, SL, Kohn N, Manetta F, Hartman AR. Propensity matched analysis of the effect of preoperative intraaortic balloon pump in coronary artery bypass grafting after recent acute myocardial infarction on postoperative outcomes. *Crit Care* 2014 Sep 23;18(5):531. Epub 2014 Sep 23

Yu PJ, **Cassiere HA**, Dellis, SL, Manetta F, Kohn N, Hartman AR. Impact of Preoperative Prealbumin on Outcomes After Cardiac Surgery. *J Parenter Enteral Nutr* 2014 Jun 4. Epub 2014 Jun 4.

Yu, PJ, Hyman KM, **Cassiere HA**, Fallon B, Vatsia SK, Esposito MJ, Glassman LR. Metastatic Meningioma Extending into the Left Atrium Through the Pulmonary Vein, *Ann Thorac Surg* 2014 Jun;97(6):2173-5.

Yu, PJ, **Cassiere HA**, Dellis SL, Manetta F, Stein J, Hartman AR. P2Y12 Platelet Function Assay for Assessment of Bleeding Risk in Coronary Artery Bypass Grafting, *J Card Surg* 2014 May 2;29(3):312-6.

Yu PJ, **Cassiere HA**, Liang D. Acute Intramural Hematoma of the Aorta Complicated by Spinal Cord Ischemia. *J Card Surg* 2013 Aug 13.

**Cassiere HA** and Niederman MS. Disease-a-Month: Community-acquired pneumonia. Volume 44 Number 11;613-676. November 1998.

**Cassiere HA**, Groth M, Niederman MS. Evidenced-Based Medicine: The Wolf in Sheep's Clothing. Year Book of Emergency & Critical Care Medicine 1998.

**Cassiere HA** and Niederman MS. Late-onset ventilator-associated pneumonia secondary to *Klebsiella pneumoniae*. Critical Care Pearls II. 1998

**Cassiere HA** and Fein AM. Duration and Route of Antibiotic Therapy in Community-Acquired Pneumonia: Switch and Step-down Therapy. Seminars in Respiratory Infections September 1998.

**Cassiere HA** and Fein AM. Pathways in Critical Care: Severe Pneumonia in the Elderly: Risks, Treatment, & Prevention. 1997.

**Cassiere HA** and Fein AM. Pneumonia in the Elderly: An Update for the Clinician. Emergency Medicine 1997;29:38-52.

**Cassiere HA** and Niederman MS. Pulmonary & Critical Care Pearls: Severe Community-Acquired Pneumonia in an Elderly Patient. Chest 1996;109:1645-48.

**Cassiere HA** and Fein AM. Severe Community-Acquired Pneumonia. Current Opinion in Pulmonary, Vol. 2, no. 3 March 1996.

**Cassiere HA** and Niederman MS. New Etiopathogenic Concepts of Ventilator-Associated Pneumonia. Seminars in Respiratory Infections, Vol. 11, no 1 (March) 1996:13-23.

**Cassiere HA** and Niederman MS. Diagnosis and Treatment of Nosocomial Pneumonia. Current Opinion in Critical Care Vol.2 No.1 February 1996.

**Cassiere HA**, Rodrigues JC, and Fein AM. Delayed Resolution of Pneumonia: When is Slow Healing too Slow? Postgraduate Medicine, Vol. 99, no. 1 (January) 1996:151-158.

**Cassiere HA** and Fein AM. "Ordinary" Pneumonia that Doesn't Clear. Patient Care, May 1995; 139-143.

**Cassiere HA** and Fein AM. Slowly Resolving and Nonresolving Pneumonia. Mediguide to Pulmonary Medicine Vol. 2, no 5 1995:1-6.

## **BOOK CHAPTERS**

**Cassiere HA** and Niederman MS. Lung Abscess. Textbook of Internal Medicine, 3<sup>rd</sup> Edition, William N. Kelly, MD Editor-in-Chief chapter 369 pp 1992-1995.

**Cassiere HA** and Niederman MS. Community-Acquired Pneumonia. Pulmonary and Respiratory Secrets.

**Cassiere HA** and Niederman MS. Complications of ICU Care: Lung Infections in the Intensive Care Unit.

**Cassiere HA** and Niederman MS. Aspiration Pneumonia, Lipoid Pneumonia, and Lung Abscess. Textbook of Pulmonary Disease, 6<sup>th</sup> Edition, Gerald L. Baum, MD Editor-in-Chief.

#### **JOURNAL COLUMNS - Peer review**

1996- 1999

**Cassiere HA Section Editor. Pulmonary Trends: Reviews of four clinically relevant original journal articles. Clinical Pulmonary Medicine, Bimonthly peer reviewed journal.**

**Cassiere HA** and Fein AM. Modification of empiric antibiotics in ICU-acquired pneumonia: Why change coverage? Clinical Pulmonary Medicine 1996;3:349-350.

Fein AM and **Cassiere HA**. Salmeterol for symptomatic asthma or inhaled steroids: Which is better? Clinical Pulmonary Medicine 1996;3:350-351.

**Cassiere HA** and Fein AM. TB or not TB; that is the question: Does molecular testing help? Clinical Pulmonary Medicine 1996;3:351-352.

**Cassiere HA** and Fein AM. Weaning from mechanical ventilation: Are arterial blood gases a necessity? Clinical Pulmonary Medicine 1996;3:352-353.

**Cassiere HA** and Fein AM. Early extubation after coronary bypass grafting: Is it safe? Clinical Pulmonary Medicine January 1997.

**Cassiere HA** and Fein AM. Nebulized Lidocaine for Severe Asthma: A numbing revelation? Clinical Pulmonary Medicine January 1997.

**Cassiere HA** and Fein AM. Acute thoracic aortic dissection, the great chest pain masquerader: Time is life. Clinical Pulmonary Medicine January 1997.

Fein AM and **Cassiere HA**. A swan song for the Swan? New questions on the role of the pulmonary artery catheter. Clinical Pulmonary Medicine January 1997.

**Cassiere HA** and Fein AM. Bilateral lung volume reduction surgery: True savior or false prophet? Clinical Pulmonary Medicine March 1997.

**Cassiere HA** and Fein AM. Admitting patients with lower respiratory tract infections: Confessions of European general practitioners. *Clinical Pulmonary Medicine* March 1997.

**Cassiere HA** and Fein AM. Can patients with community-acquired pneumonia who subsequently have a poor outcome be identified on admission? You bet!! *Clinical Pulmonary Medicine* March 1997.

Fein AM and **Cassiere HA**. Leukotriene inhibitors for asthma: A new approach to anti-inflammatory therapy. *Clinical Pulmonary Medicine* March 1997.

**Cassiere HA** and Fein AM. The Dying Experience: Much To Be Learned and Gained. *Clinical Pulmonary Medicine* May 1997.

**Cassiere HA** and Fein AM. Increasing the neutrophil count in infected non-neutropenic patients with G-CSF: Is it safe? *Clinical Pulmonary Medicine* May 1997.

**Cassiere HA** and Fein AM. The Compensatory Anti-inflammatory Response Syndrome: Is It Important and Can It Be Manipulated? *Clinical Pulmonary Medicine* May 1997.

Fein AM and **Cassiere HA**. Preventing community-acquired pneumonia in elderly patients: An achievable goal? *Clinical Pulmonary Medicine* May 1997.

**Cassiere HA** and Fein AM. Respiratory Infection in HIV: The Half-Empty Glass. *Clinical Pulmonary Medicine* July 1997.

**Cassiere HA** and Fein AM. Inhaled Steroids and Asthma: A Puff a Day Keeps the Hospital Away. *Clinical Pulmonary Medicine* July 1997.

**Cassiere HA** and Fein AM. Usual Interstitial Pneumonia and Colchicine: A New Couple? *Clinical Pulmonary Medicine* July 1997.

**Cassiere HA**. Is Anti-IgE an Answer for Asthma Therapy? *Clinical Pulmonary Medicine* November 1997.

**Cassiere HA**. Dobutamine in Septic Shock: A Blow to the Gut. *Clinical Pulmonary Medicine* November 1997.



**Cassiere HA.** One Is More Than Two: Does This Add Up? Clinical Pulmonary Medicine March 1998.

**Cassiere HA.** Confusion and Malnutrition Equals Pneumonia in Older Patients; Clinical Pulmonary Medicine March 1998.

Rawinis I and **Cassiere HA.** ARDS Outcomes: Where Is the Truth? Clinical Pulmonary Medicine March 1998.

Ahmed QA and **Cassiere HA.** Intrapleural Streptokinase: Is This the Answer? Clinical Pulmonary Medicine March 1998.

Blake L and **Cassiere HA.** Obstructive Sleep Apnea: Titrate or Not Titrate? Clinical Pulmonary Medicine July 1998.

Rawinis I and **Cassiere HA.** Noninvasive Mechanical Ventilation: No Tube Is a Good Tube Clinical Pulmonary Medicine July 1998.

Speigler P and **Cassiere HA.** Oxygen Supply Dependency: A View From the Outside Looking In. Clinical Pulmonary Medicine July 1998.

Qanta QA and **Cassiere HA.** Portable Chest Radiographs: Standard of Care or Force of Habit? Clinical Pulmonary Medicine September 1998.

Rawinis I and **Cassiere HA.** Steroids in Acute Respiratory Distress Syndrome: What Should We Be Doing? Clinical Pulmonary Medicine September 1998.

Ahmed QA, Hartman AR, and **Cassiere HA.** Lung Volume Reduction and Lobectomy in the Lung Cancer Patient With Advanced Emphysema. Clinical Pulmonary Medicine November 1998.

Blake L and **Cassiere HA.** Quantitating Airflow in Sleep-Disordered Breathing: The Nose Knows. Clinical Pulmonary Medicine November 1998.

Rawanis I and **Cassiere HA.** Continuous Cardiac Output Monitoring: Is Life in the Intensive Care Unit Going to Get Easier? Clinical Pulmonary Medicine November 1998.

Speigler P and **Cassiere HA.** Prophylactic Granulocyte Colony-Stimulating Factor in the Intensive Care Unit: It's Safe, But Does It Work? Clinical Pulmonary Medicine November 1998.

Spiegler P and **Cassiere HA**. Leukotriene Inhibitors: Ready for Prime Time. Clinical Pulmonary Medicine January 1999.

Spiegler P and **Cassiere HA**. Albumin Resuscitation: Answering the Question? Clinical Pulmonary Medicine January 1999.

Hornig J and **Cassiere HA**. Stress Ulcer Bleeds in Mechanically Ventilated Patients: Omeprazole, Ready for Prime Time? Clinical Pulmonary Medicine January 1999.

Blake L and **Cassiere HA**. Emergency Bronchoscopy: Safe at any Speed. Clinical Pulmonary Medicine March 1999.

**Cassiere HA**. Pretest Probability and Pulmonary Embolus: A Match Made in Heaven. Clinical Pulmonary Medicine March 1999.

Blake L and **Cassiere HA**. Vasopressin: The Pressure Is On; Clinical Pulmonary Medicine May 1999

Ahmed QA and **Cassiere HA**. Antiseptic Versus Antibiotic-Coated Catheters: Which Is Better? Clinical Pulmonary Medicine May 1999.

## **ABSTRACTS-POSTER PRESENTATIONS-CURRENT INTERESTS**

Abstract & Poster presentation at the National 50<sup>th</sup> Annual meeting of the Society of Thoracic Surgeons. January 2014:

Yu PJ, **Cassiere HA**, Dellis S, et al. Impact of Preoperative Prealbumin on Outcomes after Cardiac Surgery

Abstract & Poster at the International American College of Chest Physician conference, October 1996:

**Cassiere H**, Horowitz S, El-Ebiary M, Niederman M, Torres A, Fein, A. Apoptosis and the Histologic Stage of Pneumonia: Does the Severity of Pneumonia Correlate with the Apoptosis Index?

### **The Feinstein Institute for Medical Research – Center for Heart and Lung Research, Cardiopulmonary Research Laboratory:**

2013 – 2014 In collaboration with Dr. Pey-Jen Yu and Dr. Edmund Miller:  
Angiotensin-2 Levels Post-Coronary Artery Bypass Surgery and Correlation with Pulmonary Adverse Effects.

## **INVITED LECTURES – CME/CEU**

Annual Respiratory Care Conference  
Heart Failure: Treatment Update  
The Madison Theater  
Molloy College  
Friday June 23, 2017

Respiratory Care: Creating New Possibilities  
Westchester Community College  
Key Note Speaker: Beyond Mechanical Ventilation  
September 23, 2016

New York State Society for Respiratory Care New York City  
Region  
13th Annual Respiratory Therapy Conference  
Beyond Mechanical Ventilation  
June 10, 2016

Mechanical Ventilation: From the Field to the ICU  
Long Island University – Health Sciences Center  
Heart -Lung Relationship during Mechanical Ventilation  
Friday, January 16, 2015

New Concepts & Controversies in Respiratory Care  
Memorial Sloan-Kettering  
Mechanical Ventilation: Cardiovascular Affects  
Monday, February 17, 2014

Grand Rounds - Cardiovascular & Thoracic Surgery  
North Shore University Hospital  
VTE Prophylaxis Post-Cardiothoracic Surgery  
Thursday, March 14, 2013

New York State Society for Respiratory Care  
New York City Region  
9<sup>th</sup> Annual Respiratory Therapy Conference  
Pulmonary Effects & Complications of Cardiac Surgery  
Friday, June 15<sup>th</sup>, 2012

3<sup>rd</sup> Annual Critical Care Medicine Symposium:  
North Shore University Hospital  
Spotlight on Cardiac Critical Care  
Acute Aortic Syndromes  
Wednesday, October 5, 2011