

**Date of Preparation:** August 1, 2021

## **SHYAM S. VARADARAJULU, M.D.**

Specialties: Pancreatic and Biliary Disorders; Endoscopic Ultrasound; Therapeutic ERCP

### **ACADEMIC APPOINTMENTS, AND HOSPITAL APPOINTMENTS**

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#### **Academic Appointments**

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07/01/2012-Present	<b>University of Central Florida College of Medicine</b> Professor of Medicine	Orlando, FL
07/01/2012-06/30/2015	<b>University of Alabama at Birmingham Medical Center</b> Consultant	Birmingham, AL
07/01/2009-06/30/2012	<b>University of Alabama at Birmingham</b> Medical Director of Endoscopy	Birmingham, AL
07/01/2003-06/30/2012	<b>University of Alabama at Birmingham</b> Assistant/Associate Professor of Medicine	Birmingham, AL

#### **Hospital Appointments**

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01/01/2021-Present	<b>Orlando Health</b> Medical Director, Digestive Health Institute	Orlando, FL
07/01/2012-12/31/2020	<b>AdventHealth Center for Interventional Endoscopy</b> Medical Director	Orlando, FL
07/01/2003-06/30/2012	<b>University of Alabama at Birmingham Medical Center and Children's Hospital</b> Attending Physician	Birmingham, AL
07/01/2001-06/30/2003	<b>Ralph H. Johnson VA Medical Center</b> Attending Physician	Charleston, SC
07/01/2001-06/30/2003	<b>Medical Center of South Carolina</b> Attending Physician	Charleston, SC

### **ADDITIONAL WORK EXPERIENCE**

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#### **Teaching**

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07/01/2012-12/31/2020	Faculty, Advanced Endoscopy Fellowship	Center for Interventional Endoscopy
07/01/2003-06/30/2012	Graduate Medical Education	University of Alabama at Birmingham
07/01/2003-06/30/2012	Supervision of Inpatient GI service	University of Alabama at Birmingham
07/01/2003-06/30/2012	Medical Student Lectures	University of Alabama at Birmingham
07/01/2001-06/30/2003	Graduate Medical Education	Medical University of South Carolina

**EDUCATION**

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08/17/1987-02/13/1993                                      **Madras Medical College**                                      Tamil Nadu, India  
 Bachelor of Medicine, Bachelor of Surgery (MBBS)

**POSTDOCTORAL TRAINING**

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07/01/2001-06/30/2003	Interventional Endoscopy Fellowship	Medical University of South Carolina
07/01/2000-06/30/2001	Chief Gastroenterology Fellow	University of Connecticut Health Center
07/01/1998-06/30/2001	Gastroenterology Fellowship	University of Connecticut Health Center
07/01/1996-06/30/1998	Residency in Internal Medicine	St. Mary's Hospital (Rochester, NY)
07/01/1995-06/30/1996	Internship	St. Mary's Hospital (Rochester, NY)

**LICENSURES / BOARD CERTIFICATIONS**

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Licensures

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Florida Medical Board	Medical License	License No.: 110834
Alabama Medical Board	Medical License	License No.: 25267
South Carolina Medical Board	Medical License	License No.: 22456
Tamil Nadu, India Medical Board	Medical License	License No.: 56123

Board Certifications

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Certified in Subspecialty of Gastroenterology	Diplomate	2001 (Recertified to 2021)
American Board of Internal Medicine	Diplomate	1998 (Recertified to 2021)

**PROFESSIONAL SOCIETIES AND MEMBERSHIPS**

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American Gastroenterological Association (AGA)  
 American College of Gastroenterology (ACG)  
 American Society for Gastrointestinal Endoscopy (ASGE)  
 European Endoscopic Ultrasound (EUS) Club (Honorary Member)  
 Society of Gastrointestinal Endoscopy of India (Honorary Member)  
 Japanese Gastroenterological Endoscopy Society (Honorary Fellow)

**PROFESSIONAL COMMITTEES**

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2019-Present	Councilor, Pancreatic Disorders Section, American Gastroenterological Association
2010-Present	Advisor, Asian EUS Group
2014-2020	Chair, EUS Special Interest Group, ASGE
2018-2019	Member, Task Force on Acute Pancreatitis, ACG
2009-2012	Technology Committee, ASGE
2007-2010	International Committee, ASGE

2005-2008	Postgraduate Education Committee, ASGE
1999-2001	University of Connecticut Health Center Resident Forum

### **UNIVERSITY/PROFESSIONAL ACTIVITIES**

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2019-Present	International Adjunct Professor	Apollo Hospitals Educational & Research Forum
2015-Present	Research Leadership Committee	Florida Hospital, Orlando
2009-2012	Medical Director's Council	University of Alabama at Birmingham
2003-2008	Instructor, Clinical Medicine Course	University of Alabama at Birmingham School of Medicine

### **COURSE CHAIRPERSON / DIRECTOR**

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2013-19	Director, Orlando Live EUS/Endoscopy	Orlando, FL
2019	Course Director, Asia Pacific Digestive Week Live Endoscopy	Kolkata, India
2014	Chairman, 19 <sup>th</sup> International Symposium EUS 2014	Chennai, India
2013	Director, 18 <sup>th</sup> Annual Endoscopy Update	Orlando, FL
2012	Director, Society of Gastrointestinal Endoscopy of India National Symposium	Calcutta, India
2010	Director, ASGE Annual Postgraduate Course, Digestive Diseases Week	New Orleans, LA
2008	Secretary, 16 <sup>th</sup> International Symposium EUS 2008	San Francisco, CA

### **AWARDS / HONORS**

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2005	Research Excellence in Gastroenterology and Liver (REGAL) Award
2001	ASGE Junior Faculty Award
1996	Yellapraggada Subbarow Memorial Award, Association of Biomedical Scientists of India
1993	Honored for Excellence in Community Health Service by Mother Teresa
1990	Merit Certificate of Honor in Ophthalmology
1988	Merit Certificate of Honor in Biochemistry

### **EDITORIAL BOARD MEMBERSHIPS**

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2020-Present	Member, International Advisory Board, Digestive Endoscopy
2011-2018	Deputy Editor-in-Chief: Digestive Endoscopy
2010-Present	Editorial Board: Journal of Digestive Endoscopy
2010-2012	Section Editor: Clinical Gastroenterology and Hepatology

#### **ADDITIONAL:**

*Editor:* Endosonography by Hawes, Fockens, Varadarajulu. Elsevier, Fourth Edition 2018; EUS App

*Guest Editor:* EUS-guided Tissue Acquisition: Gastrointestinal Endoscopy Clinics of North America 2014; Diagnostic and Interventional EUS: Gastrointestinal Endoscopy Supplement 2008; Interventional EUS: The Next Frontier. Techniques in Gastrointestinal Endoscopy 2007

*Faculty:* UpToDate, GastroHep

*Grant Reviewer:* Health, Welfare and Food Bureau, Government of Hong Kong Special; Administrative Region, The People's Republic of China; Cancer Research, United Kingdom

*Journal Reviewer:* Gastroenterology; Clinical Gastroenterology and Hepatology; GUT; British Journal of Surgery; Endoscopy; Journal of Clinical Gastroenterology; Journal of Gastroenterology-Hepatology; Gastrointestinal Endoscopy; Digestive Disease and Sciences; American Journal of Gastroenterology;

Nature Clinical Practice Gastroenterology & Hepatology; Women's Health; Head and Neck; Pancreas; Diagnostic and Therapeutic Endoscopy; Pancreatology; Digestive and Liver Disease; BMC Gastroenterology; Journal of Digestive Endoscopy; Digestive Endoscopy

## **MAJOR LECTURES AND VISITING PROFESSORSHIPS**

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- 2021 St. Louis Missouri, Gastroenterology Physician Group. Single-use Duodenoscopes.
- 2021 Endoscopy-on-Air, Milan, Italy. EUS-guided Tissue Acquisition
- 2020 Update on Advances in Endoscopic Interventions, Palm Coast Florida, AdventHealth Symposium
- 2020 6<sup>th</sup> Annual North Meets South AdventHealth Annual Symposium, Orlando, Florida. Lecture on management of pancreatic fluid collections
- 2020 22<sup>nd</sup> Dusseldorf International Live Endoscopy Symposium, Munich Germany. Lectures on pancreatic fluid collections, lumen-apposing metal stents update, EUS-guided tissue acquisition and live endoscopy.
- 2019 World Congress of Gastroenterology, Istanbul Turkey, Lecture on New Developments in EUS
- 2019 Asian Pacific Digestive Week, Kolkata India, Live Endoscopy Workshop and lecture on EUS-guided tissue acquisition, EUS-guided biliary drainage
- 2018 Emirates Gastroenterology and Hepatology Conference, Dubai, Dubai, Lecture on Update in 1st Tokyo Metropolitan International Live, Tokyo, Japan, Live Endoscopy Workshop and Lecture on Pancreatico-biliary Interventions
- 2018 Endoscopy Premiere League, New Delhi, India, Live Endoscopy Workshop and Lecture on Controversies of Management of Pancreatic Fluid Collection and Live Endoscopy
- 2018 Digestive Diseases Week Symposium, Brisbane, Australia, Lecture on EUS-guided Interventions
- 2018 Digestive Diseases Week State-of-the-Art Update, Asian Institute of Gastroenterology, Hyderabad, India
- 2018 Czech and Slovak Endoscopy Days, Prague, Live Endoscopy and Lecture on Interventional EUS
- 2018 Peter Stevens Endoscopy Symposium. Columbia University, New York City and Lecture on Endoscopic Management of Pancreatic Fluid Collections
- 2018 EURO-EUS Live Endoscopy Transmission from Orlando Florida
- 2017 Portsmouth Live Endoscopy Symposium, United Kingdom, Lecture on Innovations in ERCP
- 2017 New York Society for Gastrointestinal Endoscopy (NYSGE) Live Endoscopy Workshop and Lecture on Endoscopic Management of Pancreatic Fluid Collections
- 2017 Columbia Endoscopy Society Meeting, Bogota, Columbia. Lectures on EUS-guided Biliary Drainage and Management of Pancreatic Fluid Collections
- 2017 2<sup>nd</sup> Asian EUS Congress, Mumbai, India. Live Endoscopy and Lectures on EUS-guided biopsy, Complications of Lumen- Apposing Metal Stents, Building a Successful EUS Practice
- 2016 EUS Live, Yaroslavl, Russian Federation. Live Endoscopy and Lecture on EUS-guided drainage of Pancreatic Fluid Collections and EUS-guided Tissue Acquisition
- 2016 EURO-EUS Live Endoscopy Transmission from Orlando Florida
- 2016 Amsterdam Live EUS. Live Endoscopy and Lecture on Cytology for Endosonographers
- 2016 World Gastroenterology Organization Live Endoscopy Workshop, Abu Dhabi and Lecture on Approach to Pancreatic Cyst Lesions by EUS
- 2016 ASGE-Brazil Endoscopy Society Meeting, Belo Horizonte, Brazil. Live Workshop and Lectures on Pancreatic Cyst Lesions and Maximizing Yield at EUS-FNA
- 2016 Endoscopy Society of India, Pune, India. Live Endoscopy and Lecture on Interventional EUS
- 2016 Georgia Gastrointestinal Endoscopy Society. Atlanta. Lecture on EUS-guided Interventions
- 2016 University of Sao Paulo, Brazil. Live Endoscopy Workshop and Lecture on Endoscopic Management of Pancreatic Leak and Disruptions
- 2016 University of Kansas Endoscopy Symposium and Lecture on EUS-guided Interventions
- 2015 University of Malaysia Gastrointestinal Endoscopy Live Workshop and Lecture on Top 5 Indications for Interventional EUS in 2020
- 2015 Prince Rasheed Hospital, Dubai. Live EUS Workshop.
- 2015 Emirates Gastroenterology and Hepatology Conference, Dubai. Live Workshop and Lecture on Diagnosis and Management of Pancreatic Neuroendocrine Tumors
- 2015 Digestive Diseases Week 2015, Washington DC. How to Build and Grow a EUS Practice, EUS Special Interest Group Meeting.
- 2015 Boston Scientific Symposium, Washington DC. The Interface Between EUS and Digital cholangioscopy

- 2014 Apollo Cancer Conclave 2014; Live Workshop and Update on EUS in GI Cancer Staging
- 2014 National Inflammatory Bowel Disease Meeting, Cochin, India. Imaging in Anorectal Crohn's Disease - What is the role of EUS?
- 2014 Indian Society of Gastroenterology National Meeting, Ahmedabad, India. EUS-Guided Drainage of Pancreatic Fluid Collections; EUS-for the Evaluation of Pancreatic Biliary Disorders; Endoscopic Management of Biliary Strictures
- 2014 ENDOCON 2014, Pune India. Live Workshop; EUS-It's Not that Difficult; Understanding EUS Stations; Management of Peripancreatic Fluid Collections. VAKIL ORATION: Implications of Endoscopic Innovations on Disease Management
- 2014 Cleveland Clinic, Cleveland, Ohio. Mark Blue Memorial Oration. EUS-Guided Tissue Acquisition.
- 2014 American College of Gastroenterology and Florida GI Society, Bonita Springs, Florida: State of the Art for Management of Pancreatic Fluid Collections; Diagnosis and Management of Pancreatic Cystic Neoplasms
- 2014 Emirates Gastroenterology and Hepatology Conference, Dubai. Live Workshop and Best Practices in EUS-Guided Tissue Acquisition
- 2014 University of Chicago Endoscopy Symposium: Approach to Pancreatic Masses: Prove, Plan, and Palliate and Hands-on Workshop
- 2014 100<sup>th</sup> Annual Meeting of Japanese Gastroenterological Society, Tokyo, Japan: EUS-Guided Tissue Acquisition
- 2014 Indian Society of Gastroenterology Karnataka Chapter Meeting. Live Workshop and Lecture on What is New in EUS
- 2014 19<sup>th</sup> International Symposium on Endosonography, Chennai, India. Live Workshop and Lecture on What an Endoscopist Must Know about Cytopathology
- 2014 European Union Digestive Week, Vienna, Austria. EUS-Guided Tissue Acquisition
- 2014 Prince of Wales University Hospital Therapeutic Endoscopy Workshop. Live Workshop and Lecture, EUS-Guided Tissue Acquisition: Present and Future
- 2014 Indian Society of Gastroenterology National Meeting, ISGCON 2014. Live Workshop and Lectures: EUS-Guided Tissue Acquisition, EUS-Guided Drainage of Walled-Off Necrosis, Future of Diagnostic EUS
- 2013 Pakistan National Gastroenterology Meeting, Lahore, Pakistan. Live Endoscopy and Lecture on Endoscopic Management of Biliary Strictures
- 2013 University of Wisconsin Grand Rounds, Milwaukee, WI. EUS-Guided Tissue Acquisition
- 2013 Emirates Gastroenterology and Hepatology Live Endoscopy Workshop, Dubai
- 2013 Live Interventional EUS, Endoscopy Workshop, Mumbai, India
- 2013 South Korean Endoscopy Society Meeting, Seoul. Lecture on Drainage of Pancreatic Pseudocysts
- 2013 Tokyo Consortium of Asia-Pacific Endoscopists. EUS-Guided Tissue Acquisition
- 2013 Live EUS Workshop, Indian Society of Gastroenterology, Chennai, India
- 2013 ASGE NOTES Meeting, Oak Brook, IL. EUS-Guided Pelvic Abscess Drainage
- 2013 Pittsburgh GUT Club, Pittsburgh, PA. Lecture on EUS-Guided Tissue Sampling
- 2013 Chicago Live, North Western University, Chicago, IL. Lecture on Enteral Stenting
- 2013 Advanced Endoscopy Fellows Course, Center Valley, PA. Linear EUS
- 2013 Orlando Live EUS 2013. EUS-Guided Drainage of Pancreatic Fluid Collections
- 2012 EUS Live Workshop, Indore, India
- 2012 Boston Scientific National Sales Meeting. Best Practices in EUS-Guided FNA
- 2012 International Symposium and Live Endoscopy on Biliary and Pancreatic Endoscopy, Cedars Sinai Hospital, Los Angeles. Management of Pancreatic Fluid Collections, Biliary Sphincterotomy and Access Techniques.
- 2012 University of Maryland Grand Rounds. Management of Pancreatic Fluid Collections and Symposium on Best Practices in EUS-FNA
- 2012 Ohio State University Grand Rounds. Best Practices in EUS-Guided FNA
- 2012 Middle East Live Endoscopy Workshop, Prince Rashid Hospital, Dubai. Interventional EUS
- 2012 Annual Meeting of the Indian Society of Endoscopy and Live Endoscopy workshop. Management of Pancreatic Fluid Collections, How to Publish in Endoscopy
- 2012 GEM Hospital Coimbatore India. Live Endoscopy Workshop. Radial and Linear EUS Examinations
- 2012 Boston Scientific Symposium on Management of Obstructive Jaundice. San Diego, California
- 2012 DDW Scientific Session Symposium, San Diego, California, Interventional EUS
- 2012 EUS Special Interest Group Meeting, Digestive Disease Week 2012, San Diego. EUS for Pseudocyst Drainage
- 2012 Montreal EUS Club Meeting, Montreal, Canada. Diagnostic and Interventional EUS
- 2012 EUS 2012 Live in Amsterdam, The Netherlands. Live Workshop and Lecture on Endoscopic Management of Pancreatic Fluid Collections

- 2012 Live EUS Workshop, Prince of Wales Hospital, Hong Kong. Live Workshop and Lecture on EUS-Guided Pancreatic Pseudocyst Drainage and New Developments in EUS  
Sao Paolo University Academic Grand Rounds. Building an Academic Career
- 2012 10<sup>th</sup> Annual Live Endoscopy Workshop, Sao Paolo, Brazil
- 2012 EUS 2012, St Petersburg, Russia. EUS-Guided Tissue Acquisition
- 2012 National Congress of Endoscopy, Live Endoscopy Workshop, Mexico City, Mexico
- 2012 National Endoscopy Convention of Mexico, Medina, Mexico. EUS-Guided Interventions.
- 2012 Romanian EUS Congress, Bucharest, Romania. Live Endoscopy and Lectures on EUS-Guided Tissue Acquisition and Interventional EUS
- 2011 Society of Gastrointestinal Endoscopy of India, Kolkata, January Live EUS Workshop
- 2011 Society of Gastrointestinal Endoscopy of India, Kolkata, January Interventional EUS
- 2011 ASEAN EUS 2011, National University Hospital Singapore, January Live EUS workshop
- 2011 International Pancreatic Association Meeting, Cochin, India. January EUS-Guided Pseudocyst Drainage, EUS in TNM Staging in Pancreatic Cancer, Pitfalls of EUS in Chronic Pancreatitis
- 2011 Society of Gastrointestinal Endoscopy of India, Mumbai, India, January, Interventional Endoscopic Ultrasound, Live Endoscopy Workshop
- 2011 ASEAN EUS Meeting, National University Hospital, Singapore, Live EUS Workshop
- 2011 Train-the-Trainer World Congress of Gastroenterology, Chennai, India, April, CME Program
- 2011 International Conference on Therapeutic Endoscopy, Mumbai, April, Live Workshop, Lecture on Interventional EUS
- 2011 Visiting Professor, University of Rochester at New York, GUT Club Lecture and Grand Rounds, Lecture on Interventional EUS and Endoscopic Management of Pancreatic Fluid Collections
- 2011 Speaker at Tulane Cancer Symposium, New Orleans, Endoscopic Management of Pancreatic Pseudocysts
- 2011 Speaker at 6<sup>th</sup> Annual EUS Course at Mayo Clinic Rochester MN, EUS-Guided Pseudocyst Drainage
- 2011 Asian Institute of Gastroenterology, Hyderabad, India, Clinical Applications of EUS
- 2011 Christian Medical College, Vellore, India Research in EUS
- 2011 Huntsville Hospital, Management of Obstructive Jaundice
- 2011 Nottingham Advanced Endoscopy Workshop, United Kingdom. Interventional EUS
- 2011 Indian Society of Gastroenterology Annual Meeting and Live EUS Workshop. Management of Pancreatic Fluid Collections, Tips and Tricks in EUS, Management of Pancreatic Cyst Neoplasm, How to do EUS
- 2011 New York Society of GI Endoscopy. Diagnostic and Therapeutic EUS
- 2010 ASEAN EUS 2010, National University Hospital Singapore, January Live EUS Workshop
- 2010 Society of Gastrointestinal Endoscopy of India, New Delhi, March Live EUS Workshop
- 2010 University of Bern, Switzerland, April, Interventional EUS
- 2010 Director, ASGE Postgraduate Course, New Orleans, Digestive Diseases Week, May 2010
- 2010 Digestive Disease Week, New Orleans, EUS Special Interest Group, May Interventional EUS
- 2010 Digestive Diseases Week, New Orleans, May, State-of-the-Art Lecture, Interventional EUS
- 2010 American Society of Colon and Rectal Surgeons, Annual Meeting, Minneapolis, May, Colonic Stenting
- 2010 Rome Gastroenterology Group, June, Tissue Acquisition and Biliary Stenting
- 2010 Society of Gastrointestinal Endoscopy of India, Chennai, July Live Endoscopy Workshop
- 2010 Society of Gastrointestinal Endoscopy of India, Chennai, July, State-of-the-Art Lecture, Procedures, Data and Publications: The Missing Link
- 2010 American Pancreatic Association, October, Why EUS for Endoscopic Necrosectomy?
- 2010 Florida GUT Club, Sarasota, FL, November Tissue Acquisition and Biliary Stenting, EUS Preceptorship
- 2009 Chennai Digestive Diseases Week 2010, April Interventional EUS
- 2009 Digestive Disease Week, EUS Special Interest Group, May Interventional EUS
- 2009 New England Endoscopy Society, Boston, September, Interventional EUS
- 2009 Brigham and Women's Hospital, Boston, September, Lecture on Endoscopy Career Development
- 2009 American College of Gastroenterology, Breakfast Session, October, Endoscopic Management of Pancreatic Fluid Collections
- 2009 Chennai Gut Club, November, Endoscopic Management of Pancreatic Fluid Collections
- 2009 11<sup>th</sup> International Course on Biliary and Pancreatic Endoscopy, Mumbai, EUS in the Evaluation of Pancreaticobiliary Disorders, SPYglass for Evaluation of Intraductal Pathology, Live EUS Workshop
- 2008 Children's Hospital Multidisciplinary Grand Rounds, Birmingham, AL. July Current Applications and Future Prospects of Endoscopic Ultrasound in Children
- 2008 EUS 2008, San Francisco, September EUS-Guided Pancreatic Duct Drainage
- 2008 EUS 2008, San Francisco, September Basic Techniques for EUS-Guided Pancreatic Pseudocyst Drainage

- 2008 Nihal Markus Oration, Surgical and Digestive Endoscopy Society of Sri Lanka, Colombo, Sri Lanka, December Interventional EUS
- 2007 EUS India, Meerut, March EUS in Evaluation of Gastrointestinal Malignancy and Mediastinal Disorder
- 2007 EUS India, Meerut, March Live EUS Workshop
- 2007 Univ. of Alabama at Birmingham Department of Surgery Grand Rounds, November Interventional Endoscopy Beyond the Lumen.
- 2007 Apollo Hospitals, Chennai, India, December Live EUS Workshop
- 2007 GI CME Program, Chennai, India, December Advances in Management of Chronic Pancreatitis
- 2007 GI CME Program, Chennai, India, December Evaluation of Intraductal Pancreaticobiliary Pathology
- 2006 Gastroenterology Dinner Symposium, Flowers Hospital, Dothan, Alabama, March Technical Tips in ERCP
- 2006 8<sup>th</sup> International Course on Biliary and Pancreatic Endoscopy, Mumbai, June Understanding Basic Hepato-Biliary Anatomy and Diagnosis of Pathology
- 2006 8<sup>th</sup> International Course on Biliary and Pancreatic Endoscopy, Mumbai, June Interventional EUS
- 2006 Gastroenterology Grand Rounds, Christian Medical College, Vellore, India, November Interventional EUS
- 2006 Gastroenterology Visiting Faculty Lecture. Christian Medical College, Vellore, India, November EUS in the Evaluation of Pancreaticobiliary Disorders
- 2006 Pulmonary Division Grand Rounds, Christian Medical College, Vellore, India, November EUS in the Application of Mediastinal Diseases
- 2005 Rochester GUT Club Visiting Professorship, Rochester, NY, February Recent Advances in EUS in Evaluation of Lung and Pancreaticobiliary Disorders
- 2005 Unity Health System Department of Medicine Grand Rounds, Rochester, NY, February Current Status and Evolving Concepts in EUS
- 2005 Pentax EUS workshop, Chennai, India, March Live Endoscopy Demonstration
- 2005 ASGE Digestive Disease Week Clinical Symposium, Chicago, IL, May Advances in Pediatric Therapeutics and Endoscopy: Pediatric Applications of ERCP
- 2005 ASGE First Year Fellow's Endoscopy Course, Chicago, IL, August Dilation in Endoscopy
- 2005 University of Alabama at Birmingham Department of Medicine Grand Rounds, Birmingham, AL, September Chronic Pancreatitis
- 2005 Indian Society of Gastroenterology Endoscopy Workshop, Vizakhapatnam, November Endoscopic Ultrasound: Current Concepts and Future Prospects.
- 2005 Society of Gastrointestinal Endoscopy of India Symposium, Vizakhapatnam, November Endoscopic Ultrasound: Beyond the GI Lumen
- 2005 Society of Gastrointestinal Endoscopy of India Symposium, Vizakhapatnam, November ERCP in Children
- 2005 Breakfast Session, Indian Society of Gastroenterology Conference, Vizakhapatnam, November Learning EUS.
- 2005 University of Connecticut Health Center, Farmington, CT. Department of Medicine Grand Rounds, November Endoscopic Ultrasound: Current Concepts and Future Prospects
- 2004 Department of Medicine Grand Rounds, University of Alabama at Montgomery, Baptist Medical Center, Montgomery, Alabama, September Management of Pancreatic-Biliary Malignancies
- 2004 Department of Medicine Resident Lecture, University of Alabama at Montgomery, Baptist Medical Center, Montgomery, AL, September Endoscopic Ultrasound: An Update
- 2003 University of Alabama Liver Center Annual Symposium, Birmingham, Alabama, September: EUS in the Evaluation of Hepatobiliary Disorders
- 2003 Society of Gastrointestinal Endoscopy of India Symposium, Chennai, November Minor Papilla Interventions
- 2003 Society of Gastrointestinal Endoscopy of India Symposium, Chennai, November Sphincter of Oddi Dysfunction
- 2003 Indian Society of Gastroenterology, Endoscopy Postgraduate Course, Chennai, November: EUS in the Evaluation of Pancreaticobiliary Disorders
- 2002 Medical University of South Carolina Digestive Disease Center Grand Rounds, September: Xanthogranulomatous Cholecystitis

## **MENTORSHIPS TO PHYSICIAN TRAINEES**

- 2019 Assaf Stein, M.D., Attending Physician, Meir Medical Center Israel, Netanya Israel
- 2019 Deepanshu Jain, M.D., Attending Physician, Einstein Medical Center, Philadelphia, PA
- 2018 Dana Ben Ami, M.D., Attending Physician, Sheba Medical Center, Tel Aviv, Israel
- 2016 Wesam Frandah, M.D., Assistant Professor of Medicine, University of Kentucky, Lexington, KY

- 2015 Benjamin Tharian, M.D. Attending Physician, University of Arkansas Medical Center, Little Rock, AR
- 2014 Bronte Holt, M.D. Presently: Consultant, St. Vincent's Hospital, Melbourne, Australia
- 2011 Ji-Young Bang, M.D. Attending Physician, Center for Interventional Endoscopy, Florida Hospital, Orlando
- 2010 Rajesh Bhatia, M.D. Presently: Consultant in Gastroenterology, Hobart Hospital, Tasmania, Australia
- 2009 James Buxbaum, M.D., Assistant Professor in Gastroenterology, University of Southern California at Los Angeles
- 2009 Christopher Decker, M.D. Gastroenterology Fellow, Oschner Clinic, LA
- 2009 Paramasivam Piramanayagam, M.D., Consultant, Apollo Hospitals, Chennai, India
- 2007 Jessica M. Trevino, M.D., Director of Gastroenterology, University of Texas at Austin
- 2006 Neelima Reddy, M.D., Gastroenterology Attending, Baton Rouge, LA
- 2005 Pavan Manchikalapatti, M.D. Gastroenterology Attending, Athens, GA

## **GRANT SUPPORT**

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### Stent vs. Indomethacin Randomized Trial for post-ERCP pancreatitis

Principal Investigator: Joseph Elmunzer, M.D.

Co-Investigator: Shyam Varadarajulu, M.D.

Agency: NIH/NIDDK

Project Period: 9/16/15 – 2020 (\$9, 117, 058.00)

### Pancreatic Cancer Spore

Principal Investigator: Donald Buschbaum, M.D.

Co-Investigator: Shyam Varadarajulu, M.D.

Agency: NIH/NCI

Project Period: 9/16/03 – 2012 (\$2, 265, 595.00)

### Utility of wireless capsule endoscopy in the screening of patients with familial polyposis syndrome

Principal Investigator: Peter B. Cotton, M.D.

Co-Investigator: Shyam Varadarajulu, M.D.

Agency: Department of Defense

Project Period: 01/07/02 - 05/31/03 (\$26,500)

## **MANUSCRIPTS PUBLISHED / PRESS MATERIALS**

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### Original Articles

1. **Varadarajulu S**, Magnussen CR, El-Daher N. Pericardial Effusion in AIDS patients. *Infections in Medicine* 2000; 17(4):299-3029
2. **Varadarajulu S**, Ramsey WH. Utility of retroflexion in lower gastrointestinal endoscopy. *J Clin Gastroenterol* 2001, 32(3):235-237
3. **Varadarajulu S**, Petrucci C, Ramsey WH. Patient Preferences for Gender of Endoscopists. *Gastrointest Endosc* 2002; 56(2): 170-173
4. **Varadarajulu S**, Delege M. Use of a 19-gauge injection needle as guide for successful direct percutaneous endoscopic jejunostomy tube placement. *Gastrointest Endosc* 2003; 57(7): 942-45
5. **Varadarajulu S**, Noone T, Hawes RH, Cotton PB. Pancreatic duct stenting in functional smoldering pancreatitis. *Gastrointest Endosc* 2003; 58(3): 438-440
6. **Varadarajulu S**, Hawes RH, Cotton PB. Determination of sphincter of Oddi dysfunction in patients with prior normal manometry. *Gastrointest Endosc* 2003; 58(3): 341-44
7. Wildi MS, Hoda RS, Fickling W, Schmulewitz N, **Varadarajulu S**, Roberts S, Ferguson B, Hoffman BH, Hawes RH, Wallace MB. Diagnosis of Benign Cysts of the Mediastinum: The Role and Risks of EUS and FNA. *Gastrointest Endosc* 2003; 58(3): 362-68



8. **Varadarajulu S**, Tutuian R, Gostout C, Kozarek R, Wilcox CM. Efficacy of the Za-self expandable metal stent for palliation of malignant biliary obstruction. *J Clin Gastroenterol* 2004; 38(1): 77-80.
9. Prasad P, Schmulewitz N, Patel A, **Varadarajulu S**, Wildi SM, Roberts S, Tutuian R, King P, Hawes RH, Hoffman BJ, Wallace MB. Detection of occult liver metastases during EUS for staging of malignancies. *Gastrointest Endosc.* 2004; 59(1): 49-53
10. Schmulewitz N, Wildi SM, **Varadarajulu S**, Roberts S, Hawes RH, Hoffman BJ, Durkalski V, Silvestri GA, Block MI, Reed C, Wallace MB. Accuracy of EUS criteria and primary tumor site for identification of mediastinal lymph node metastasis from non-small-cell lung cancer. *Gastrointest Endosc.* 2004; 59(2): 205-12
11. **Varadarajulu S**, Schmulewitz N, Wildi SF, Roberts S, Ravenel J, Reed CE, Block M, Hoffman BJ, Hawes RH, Wallace MB. Accuracy of EUS in T4 staging in lung cancer. *Gastrointest Endosc* 2004; 59(3): 345-8.
12. **Varadarajulu S**, Fraig M, Schmulewitz N, Wildi S, Roberts S, Hoffman BJ, Hawes RH, Wallace MB. Comparison of the EUS-guided 19-gauge trucut needle biopsy with fine needle aspiration. *Endoscopy* 2004; 36(5):397-401.
13. Wallace MB, Ravenel J, Block MI, Fraig M, Silvestri G, Wildi S, Schmulewitz, N, **Varadarajulu S**, Roberts S, Hoffman BJ, Hawes RH, Reed CE. Endoscopic Ultrasound in Lung Cancer Patients with a Normal Mediastinum on Computed Tomography. *Ann Thor Surg* 2004; 77(5):1763-8.
14. Wildi SM, Fickling WE, Day TA, Cunningham CD, Schmulewitz N, **Varadarajulu S**, Roberts SS, Ferguson B, Hoffman BJ, Hawes RH, Wallace MB. Endoscopic ultrasonography in the diagnosis and staging of neoplasms of the head and neck. *Endoscopy* 2004; 36(7):624-30.10
15. **Varadarajulu S**, Hoffman BJ, Hawes RH, Eloubeidi MA. EUS-guided FNA of lung masses adjacent after unrevealing CT-guided biopsy or bronchoscopy. *Gastrointest Endosc* 2004; 60(2): 293-7
16. **Varadarajulu S**, Wilcox CM, Hawes RH, Cotton PB. Technical outcomes and complications of ERCP in children. *Gastrointest Endosc* 2004; 60(3): 267-71
17. Wildi SM, Judson MA, Fraig M, Fickling WE, Schmulewitz N, **Varadarajulu S**, Roberts SS, Prasad P, Hawes RH, Wallace MB, Hoffman BJ. Is endosonography guided fine needle aspiration (EUS-FNA) for sarcoidosis as good as we think? *Thorax* 2004; 59(9):794-9
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114. Bang JY, Sutton B, Navaneethan U, Hasan M, Krall K, Hawes R, **Varadarajulu S**. Proposed approach to endoscopic management of difficult bile duct stones based on results of a randomized trial. United European Gastroenterology Week 2019.
115. Bang JY, Hough M, Hawes R, **Varadarajulu S**. Use of artificial intelligence to reduce radiation exposure at fluoroscopy-guided endoscopic procedures. American College of Gastroenterology Annual Meeting 2019
116. Bang JY, Hawes RH, **Varadarajulu S**. Impact of lumen-apposing metal stents on the long-term management of disconnected pancreatic duct syndrome. Digestive Diseases Week 2020.
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## **ORAL PRESENTATIONS**

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2. **Varadarajulu S**, Payne M, Hawes RH, Cotton PB. Frequency of sphincter of Oddi dysfunction in patients with previously normal sphincter of Oddi manometry studies. *Gastrointest Endosc* 2003; 57(5): AB 82. ASGE Topic Forum, DDW 2003
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50. Bang JY, Hawes R, **Varadarajulu S**. Equivalent performance of single-use and reusable duodenoscopes in a randomized trial. *United European Gastroenterology Week* 2020

## **MONOGRAPHS**

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1. **Varadarajulu S**, Freston JW. Medical Simulations. Management of acid-related disorders. CME series for primary care physicians. Albert Einstein College of Medicine Part 1, March 2000
2. **Varadarajulu S**. AGA's guide to ABIM recertification in Gastroenterology, 2003
3. **Varadarajulu S**. Evaluation of Pancreatico-biliary disorders in Children. *DDW 2005 Scientific Session Handout Book*, 271-274
4. **Varadarajulu S**. Endoscopic Ultrasound: Current concepts and future prospects. 2005 Indian Society of Gastroenterology Annual Convention Syllabus Handout Book
5. **Varadarajulu S**. EUS-guided pancreatic duct drainage. *EUS 2008 Syllabus*
6. **Varadarajulu S**. EUS prior to endoscopic drainage of pancreatic pseudocysts or all in one procedure: A review of basic techniques. *EUS 2008 Syllabus*
7. Trevino JM, **Varadarajulu S**. Therapeutic EUS. *Digestive Diseases Week 2010 Syllabus*.
8. **Varadarajulu S**, Bang JY. Update in EUS. *EUS 2014 syllabus*
9. **Varadarajulu S**. Orlando Live EUS/Endoscopy Syllabus, 2013-2019

**TEACHING VIDEOS**

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**LIVE WEBINARS**

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- 2021 American College of Gastroenterology & American-Indian Gastroenterology Association. Digestive Diseases Week Update.
- 2021 Tokyo Live. Interventional Endoscopy Update 2021
- 2021 American Gastroenterology Association Technology Summit. Single-use duodenoscopes
- 2021 Society of Gastrointestinal Endoscopy of India. EUS-guided tissue acquisition
- 2021 Endoscopy-on-Air, Milan, Italy. Live workshop and lecture on EUS-guided tissue acquisition
- 2020 Mexico Gastroenterology Congress. Pancreatic-biliary Interventions Update
- 2020 UAE Endoscopy Update, Abu Dhabi. EUS-guided drainage of pancreatic fluid collections
- 2020 Live Transmission, Endoscopy on Air, International Live Endoscopy Meeting
- 2020 Orlando Live Endoscopy Symposium 2020, 2018 delegates, 87 countries
- 2020 Orlando Live Endoscopy Symposium 2020; 1267 delegates, 69 countries
- 2020 Chennai Digestive Diseases Week, India. Lecture on Interventional EUS
- 2020 Society of GI Endoscopy Society of India; Lecture on EUS-guided drainage of pancreatic fluid collections
- 2020 Mexico Endoscopy Society; Lecture on Advances in Interventional EUS
- 2020 Asian EUS Group, Hong Kong. Lecture on metal and plastic stents in drainage of pancreatic fluid collections.