

CURRICULUM VITAE

Reza Shaker MD

Assoc Provost, Sr Assoc Dean, Ctr Dir, Chief, Prof
Department of Medicine
Division of Gastroenterology

OFFICE ADDRESS:

The Hub for Collaborative Medicine
8701 Watertown Plank Road
Milwaukee, WI 53226

EDUCATION:

1964 - Present Babak High School, Tehran, Iran
1968 - 1975 M.D., University Medical School, Tehran, Iran

POSTGRADUATE TRAINING AND FELLOWSHIP APPOINTMENTS:

1977 - 1980 Residency in Surgery, Sinai University Hospital, Tehran, Iran
1980 - 1982 Residency in Surgery, London, England
1982 - 1985 Residency in Internal Medicine, Kingsbrook Jewish Medical Center, Brooklyn, NY
1984 - 1985 Chief Medical Resident, Kingsbrook Jewish Medical Center, Brooklyn, NY
1985 - 1988 Fellowship in Gastroenterology, Medical College of Wisconsin, Milwaukee, WI
2002 Leadership for Development for Physicians in Academic Health Centers, Harvard School of Public Health, Boston, MA

FACULTY APPOINTMENTS:

1988 - 1993 Assistant Professor of Medicine, Medicine, GI & Hepatology, Medical College of Wisconsin, Milwaukee, WI
1993 - 1995 Assistant Professor of Surgery, Surgery, Otolaryngology and Human Communications, Medical College of Wisconsin, Milwaukee, WI
1993 - 1996 Associate Professor of Medicine (with Tenure), Medicine, GI & Hepatology, Medical College of Wisconsin, Milwaukee, WI
1993 - 1997 Associate Professor of Radiology, Medical College of Wisconsin, Milwaukee, WI
1995 - 1997 Associate Professor of Surgery, Surgery, Otolaryngology and Human Communications, Medical College of Wisconsin, Milwaukee, WI
1996 - Present Professor of Medicine with Tenure, Medicine, GI & Hepatology, Medical College of Wisconsin, Milwaukee, WI
1997 - Present Professor of Surgery, Surgery, Otolaryngology & Human Communications, Medical College of Wisconsin, Milwaukee, WI
1997 - Present Professor of Radiology, Medical College of Wisconsin, Milwaukee, WI
2007 - Present Professor of Biophysics, Medical College of Wisconsin, Milwaukee, WI
2009 - Present Professor of Population Health, Epidemiology, Medical College of Wisconsin, Milwaukee, WI
2017 - Present Faculty, KU Leuven, Brussels, Belgium

ADMINISTRATIVE APPOINTMENTS:

1996 - Present Hospital Advisory Committee, Froedtert Hospital, Milwaukee, WI
1996 - Present Department of Medicine Executive Committee, Medical College of Wisconsin, Milwaukee, WI
1996 Affiliated Hospital Program Director's Committee, Medical College of Wisconsin, Milwaukee, WI
1997 - Present Pathology Intramural Review Committee, Medical College of Wisconsin, Milwaukee, WI
1999 Intramural Review Committee for Medical Scientist Training Program, Medical College of Wisconsin,

Milwaukee, WI
1999 - Present Residency Curriculum Committee, Medical College of Wisconsin, Milwaukee, WI
1999 Department of Medicine Faculty Development Committee, Medical College of Wisconsin, Milwaukee, WI
1999 NEWCO, FMLH/Covenant Physician Steering Committee, Froedtert Hospital, Milwaukee, WI
2000 - Present Business Development Committee, Medical College of Wisconsin, Milwaukee, WI
2007 - Present Chair, Executive Committee, Clinical and Translational Science Institute of SE WI, Medical College of Wisconsin, Milwaukee, WI
2010 Member, Board of Directors, Clinical and Translational Science Institute of Southeast Wisconsin, Medical College of Wisconsin, Milwaukee, WI
2015 - Present Member, Cancer Center Executive Committee, Medical College of Wisconsin, Milwaukee, WI
2017 - Present CVS Internal Scientific Advisory Board Committee, Milwaukee, WI
2017 - Present LCME Self-Study Task Force, Milwaukee, WI
2018 SOM Strategic Planning Committee, Medical College of Wisconsin, Milwaukee, WI
2019 Internal Advisory Board, Center for Disease Prevention, Medical College of Wisconsin, Milwaukee, WI
2020 - 2023 Academic Committee, Medical College of Wisconsin, Milwaukee, WI

HOSPITAL AND CLINICAL ADMINISTRATIVE APPOINTMENTS:

1988 - Present Attending Staff, Zablocki VA Medical Center, Milwaukee, WI
1988 - Present Attending Staff, Froedtert Memorial Lutheran Hospital, Milwaukee, WI
1989 - 1996 Chief, GI Diagnostic Unit, Zablocki VA School of Medicine, Milwaukee, WI
1990 - 2002 Director, Medical College of Wisconsin Dysphagia Institute, Milwaukee, WI
1996 - 2020 Director, Digestive Disease Center, Medical College of Wisconsin, Milwaukee, WI
1996 - Present Chief, Medicine, Gastroenterology and Hepatology, Medical College of Wisconsin, Milwaukee, WI
1996 - 1998 Chief, Gastroenterology Section, Zablocki VA Medical Center, Milwaukee, WI
2007 - Present CTSA, PI and Director, Clinical and Translation Science Institute, Medical College of Wisconsin, Milwaukee, WI
2007 - Present Senior Associate Dean, Clinical and Translational Science Institute, Medical College of Wisconsin, Milwaukee, WI
2018 - Present Associate Provost for Clinical and Translational Research, Medical College of Wisconsin, Milwaukee, WI

RESEARCH ADMINISTRATIVE APPOINTMENTS:

1995 Radioactive Drug Research Committee, Milwaukee County Medical Complex, Milwaukee, WI
1996 Faculty Advisory Committee for Hamilton/KSA Analysis, Medical College of Wisconsin, Milwaukee, WI
1998 - 2002 Research Space Advisory Committee, Medical College of Wisconsin, Milwaukee, WI
2002 - Present Functional Imaging Research Center Advisory Board, Medical College of Wisconsin, Milwaukee, WI
2021 - Present Research Strategic Planning Committee, Medical College of Wisconsin, Milwaukee, WI

HOSPITAL STAFF PRIVILEGES:

1988 - Present Attending Staff, Gastroenterology & Hepatology, Froedtert Memorial Lutheran Hospital, Milwaukee, WI
1988 - Present Attending Staff, Gastroenterology, Zablocki VA Medical Center, Milwaukee, WI

AWARDS AND HONORS:

1990 Recipient, Endoscopic Career Development Award, American Society for Gastrointestinal Endoscopy (ASGE)
2001 Recipient, Janssen/AGA Masters Award in Gastroenterology for Basic or Clinical Research in Digestive Disease
2003 Doctor Honoris Causa, The University of Medicine, Gr. T. Popa, Iasi, Romania
2004 Honorary Guest Professor, Beijing University Hospital, Beijing, China.
2006 Joseph E. Geenen Endowed Chair in Gastroenterology Medical College of Wisconsin
2008 Honorary Member, American Broncho-Esophagological Association
2012 Distinguished Service Award, Medical College of Wisconsin

2012 U.S. News & World Reports Top Doctors
2013 U.S. News & World Reports Top Doctors
2013 American College of Physicians, Mastership Award
2014 U.S. News & World Reports Top Doctors
2015 Gold Medal recipient, Dysphagia Research Society
2015 "Top Doctors" By Milwaukee Magazine
2016 Castle Connolly "America's Top Doctors"
2019 Department of Medicine Michael J. Dunn Award for Research Excellence
2020 America's Top Doctors Award
2021 America's Top Doctors Award
2023 Top Doctors in Milwaukee

MEMBERSHIPS IN HONORARY AND PROFESSIONAL SOCIETIES:

1986 American Motility Society
1989 American Society for Gastrointestinal Endoscopy
1989 Milwaukee GI Society
1992 American Federation for Medical Research
1992 Dysphagia Research Society
1992 American Gastroenterological Association
1992 Milwaukee Academy of Medicine
1995 American Physiological Society
1995 American College of Gastroenterology (Fellow)
1996 Association of Subspecialty Professors
1998 American Association for the Advancement of Science
1999 American College of Physicians-American Society of Internal Medicine (Fellow)
2002 European Academy of Sciences
2003 Wisconsin Medical Society
2005 OESO – World Organization for Specialized Studies on Diseases of the Esophagus
2012 American College of Physicians, Mastership
2019 Society for Research Excellence

EDITORSHIPS/EDITORIAL BOARDS/JOURNAL REVIEWS:

Editorship

1993 - 1994 Guest Editor, Fall issues, Dysphagia journal
1997 Guest Editor, American Journal of Medicine Supplement: Supraesophageal Complications of Reflux Disease
2000 - 2001 Guest Editor, American Journal of Medicine Supplement: Supraesophageal Complications of Reflux Disease
2001 - 2010 Section Editor (Esophagus), Current Gastroenterology Reports
2003 Guest Editor, American Journal of Medicine Supplement: Supraesophageal Complications of Reflux Disease
2004 Guest Editor, Alimentary Pharmacology & Therapeutics
2010 - Present Editor-in Chief

Editorial Board

1992 - Present Dysphagia
2000 - 2003 AJP: Gastrointestinal & Liver Physiology
2008 - Present Clinical and Translational Science

Journal Review

Clinical and Translational Gastroenterology
Dysphagia
Journal of Applied Physiology
Journal of Gastroenterology and Hepatology
Journal of Neurophysiology
Neurogastroenterology and Motility
NeuroImage
Gastroenterology
CHEST

Clinical Gastroenterology and Hepatology
 GUT
 Neuroscience Letters
 Neurorehabilitation and Neural Repair
 Digestive Diseases and Sciences (DDS)
 Journal of Rehabilitation Medicine
 Human Brain Mapping
 Gastrointestinal Endoscopy
 American Journal of Gastroenterology (AJG)
 Canadian Journal of Physiology and Pharmacology
 Annals of Clinical Case Reports
 American Journal of Physiology: Regulatory, Integrative and Comparative Physiology
 American Journal of Physiology: Gastrointestinal and Liver Physiology
 American Journal of Physiology: Heart and Circulatory Physiology

NATIONAL ELECTED/APPOINTED LEADERSHIP AND COMMITTEE POSITIONS:

1992 - 1993 Abstract Review Committee, AGA
 1993 Expert Panel for the Assessment of Evaluation and Management of Swallowing Dysfunction, American Academy of Neurology
 1994 Training and Education Subcommittee to clarify the elements, which constitute adequate training in motility, American Motility Society
 1994 Gastroenterology Leadership Council Curriculum Task Force on Motility, Diverticular Disease and Functional Illnesses
 1996 Subcommittee on GI Fellow-in-Training, American College of Gastroenterology
 1996 - 1997 Abstract Review Committee, AGA
 1996 Member at Large, Governing Board, Dysphagia Research Society
 04/02/1998 - 04/03/1998 Ad Hoc Reviewer, Alternative Medicine Scientific Review Section, National Institutes of Health
 02/21/1999 - 02/22/1999 Ad Hoc Reviewer, GMA-2 Study Section, National Institute of Diabetes and Digestive and Kidney Diseases
 06/20/1999 Ad Hoc Reviewer, Initial Review Group, National Institute of Neurological Disorders and Stroke
 1999 - 2002 Ad Hoc Member, VA Gastroenterology Merit Review Grant Subcommittee
 1999 - 2002 GI Research Committee, AGA
 2000 - 2001 Abstract Review Committee, AGA
 2001 Chair, Review Panel, Small Grants (Elsevier and Gitterman Basic Awards), AGA Foundation for Digestive Health and Nutrition, Committee on GI Research
 2001 - 2006 Postgraduate Education Committee, ASGE
 04/01/2002 - 04/03/2002 NIH Digestive Disease Study Section Boundaries Team
 07/01/2002 - 07/02/2002 Member, ZRG-1 GMA-2 Study Section
 2002 - 2006 Member, VA Gastroenterology Merit Review Grant Subcommittee
 2002 Scientific Advisory Board for Nighttime Heartburn Survey, AGA
 2002 Chair, Abstract Review Committee, AGA
 2002 Merck Clinical Research Career Development Award Review Panel, AGA Foundation for Digestive Health and Nutrition Committee on GI Research
 12/01/2003 - 06/30/2007 Member, Clinical and Integrative Gastrointestinal Pathobiology (CIGP) Study Section, NIH
 2003 Chair, Endowed Mentors RSA Campaign (Walter Hogan and Konrad Soergel), AGA
 2003 - 2006 Reviewer, NIH/NIDDK Experienced Reviewer Reserve
 2003 - 2006 Member, ZRG-1 GMA-3 Study Section
 03/23/2004 - 03/24/2004 Ad Hoc Reviewer, Review Branch C Committee
 2005 - 2006 Abstract Review Committee, AGA
 2005 - Present Member, Advisory Board, International Foundation for Functional Gastrointestinal Disorders
 2005 - Present Member, Permanent Scientific Committee of the OESO (World Organization of Specialized Studies on Diseases of the Esophagus)
 2005 - 2008 Member, Esophagus Section, ASGE Annual Scientific Program Committee
 2006 Member, Diseases of the Oropharynx and Esophagus Working Group, National Commission on Digestive Diseases (NCDD)

2006 - 2020 Member, Abstract Review Committee, Data Safety Monitoring Board (DSMB) – Study on Functional Dyspepsia
 2007 Chair, Abstract Review Committee, AGA
 2007 - 2020 Chair, Data Safety Monitoring Board (DSMB) – Gastroparesis Clinical Research Consortium
 2008 - Present Chair, Endowment for the Future Committee, Dysphagia Research Society
 02/2013 Member, Pilot Awards, AGA
 2013 - Present Peer-Review Selection Committee, IFFGD
 2013 - Present Research Awards Executive Group and Panel, AGA
 02/2015 Diabetic Gastroparesis Program Project Study Section, NIH
 02/2015 Vice Chair, Rome Foundation Grant Review, AGA
 2015 Institute Research Awards Executive Group, AGA
 2016 Chair, Takeda Pharmaceuticals International Research Scholar Award in Neurogastroenterology
 10/2017 ZDK1 NIDDK Research Project Grant NIH Review
 11/2017 ZDK1 GRB-2 (J4) 1 NIDDK SBIR Phase II Exploratory Clinical Trials
 11/2017 DKUS M M GI Physiology and Pathology, NIH Study Section
 12/2018 Chair, Abstract Review Committee DDW GERD: Complications and Extra-Esophageal Presentations, AGA
 2019 - 2020 Nominating Committee, Dysphagia Research Society
 2019 Strategic Planning Committee, Dysphagia Research Society
 09/2020 NIH T32/T35 Review Committee
 2020 Chair, DDW Abstract Review Committee, AGA
 2021 Chair, DDW Abstract Review Committee, AGA
 2022 Chair, ZDK1 GRB-C (M1) 2 Program Project on Esophageal Biology
 2022 Reviewer, NIDDK R25 Grant Review Committee
 03/2024 Reviewer, NIDDK R25 Grant Review Committee

RESEARCH GRANTS/AWARDS/CONTRACTS/PROJECTS:

Active

Peer Review

Title:	Mid America CTSA Consortium/Early Phase Pain Investigation Clinical Network (MACC/EPPIC-Net) for the HEAL Initiative
Source:	NINDS Grant # 1U24NS115679
Role:	Co-Investigator
Dates:	09/18/2019 - 03/31/2024
Title:	Clinical and Translational Science Award
Source:	NIH/NCRR # UL1TR001436
Role:	Principal Investigator
Dates:	07/01/2020 - 06/30/2025
Title:	Mentored Career Development Program: Innovative Team-based Transdisciplinary Approach to Research Education and Training
Source:	MCW Advancing a Healthier Wisconsin Endowment
Role:	Principal Investigator
Dates:	02/2021 - 05/2026
Title:	Deglutitive and Airway Protective Functions of Proximal/Striated Muscle Esophagus in Health and Disease
Source:	NIH/NIDDK Grant # R01 DK132082

Role: Principal Investigator
Dates: 04/20/2022 - 02/28/2026

Pending

Peer Review

Title: Mechanisms of Improving Fecal
Continence Muscles Motor Function in
Health and Disease
Role: Co-Investigator
PI: Ling Mei
Dates: 09/01/2024 - 08/31/2029

Prior

Peer Review

Title: Clinical Evaluation of Cisapride in the
Treatment of Chronic Gastroesophageal
Reflux Disease
Role: Principal Investigator
Dates: 11/1988 - 07/1991

Title: Manometric Evaluation of Pharyngeal
Motor Function in Health and Disease
Source: RAGS Grant, Dept. of Veterans Affairs;
VA #7866-01R
Role: Principal Investigator
Dates: 02/01/1989 - 07/31/1990

Title: Upper Esophageal Sphincter Opening
and Transsphincteric Flow
Source: NIH Grant; 5R01-DC00669
Role: Co-Investigator
Dates: 08/01/1989 - 07/31/1992

Title: Video Endoscopic Evaluation of
Cervical Dysphagia
Source: Endoscopic Career Development Award,
American Society for Gastrointestinal
Endoscopy (ASGE)
Role: Principal Investigator
Dates: 02/1990 - 03/1992

Title: Pharyngeal Motor Function in Health
and Disease
Source: VA Merit Review Grant, VA
#7866-01PR
Role: Principal Investigator
Dates: 10/01/1990 - 09/30/1993

Title: Esophageal Motor Function in Health
and Disease
Source: NIH Grant # 5R01-DK25731
Role: Co-Investigator
Dates: 09/30/1991 - 09/29/1995

Title: Upper Esophageal Sphincter Opening

Source:	and Transsphincteric Flow NIH Grant; 5R01-DC00669
Role:	Principal Investigator
Dates:	08/01/1992 - 03/31/1995
Title:	Pharyngeal Acid Reflux in Patients with Benign Lesions of the Aerodigestive Tract
Source:	Glaxo Inc., Research Institute
Role:	Principal Investigator
Dates:	03/1993 - 03/1994
Title:	Pharyngeal Motor Function in Health and Disease
Source:	VA Merit Review Grant, VA #7866-01PR
Role:	Principal Investigator
Dates:	10/01/1993 - 09/30/1996
Title:	Effect of Cisapride, 20 mg bid on Symptoms of Reflux
Source:	Janssen Research Foundation
Role:	Principal Investigator
Dates:	07/1994 - 06/1995
Title:	Upper Esophageal Sphincter Opening and Transsphincteric Flow
Source:	NIH Grant # 5R01-DC000669
Role:	Principal Investigator
Dates:	04/01/1995 - 03/31/1999
Title:	Esophageal Motor Function in Health and Disease
Source:	NIH Grant # R01-DK25731
Role:	Principal Investigator
Dates:	04/01/1996 - 03/31/2000
Title:	Airway Protection against Aspiration of Gastric Contents
Source:	NIH Program Project Grant, P01 DC03191-01A1
Role:	Program Director
Dates:	04/01/1999 - 03/31/2003
Title:	Esophageal Motor Function in Health and Disease
Source:	NIH Grant # R01-DK25731
Role:	Principal Investigator
Dates:	12/01/2000 - 11/30/2004
Title:	Comparison of Gene Expression Patterns between Patients with Erosive and Nonerosive Phenotype Gastroesophageal Reflux Disease
Source:	Dr. Ralph and Marion C. Falk Medical Research Award
Role:	Principal Investigator

Dates:	10/01/2001 - 09/30/2004
Title:	Swallowing Disorders
Source:	Retirement Research Foundation Grant Award – RRF Grant #2001-188
Role:	Principal Investigator
Dates:	01/01/2002 - 12/31/2005
Title:	Comparison of Two Therapies for UES Dysphagia
Source:	NIH/NIDDK Grant # R01 DK 62178
Role:	Principal Investigator
Dates:	09/01/2002 - 07/01/2005
Title:	Gastroenterology Research Training Grant
Source:	NIH/NIDDK Grant # IT32 DK 61923
Role:	Program Director
Dates:	09/01/2002 - 08/31/2007
Title:	Esophageal Motor Function in Health and Disease
Source:	NIH Grant # R01-DK25731
Role:	Principal Investigator
Dates:	08/23/2005 - 06/30/2010
Title:	Mechanisms of Upper Gut and Airway Interaction
Source:	NIH Grant # 1 P01 DK068051-01A1
Role:	Principal Investigator
Dates:	07/01/2007 - 06/20/2013
Title:	Clinical and Translational Science Award
Source:	NIH Grant # 1U54RR025221-01
Role:	Principal Investigator
Dates:	07/01/2010 - 06/30/2015
Title:	Esophageal Motor Function in Health and Disease
Source:	NIH Grant # 2R56DK025731-30
Role:	Principal Investigator
Dates:	07/20/2012 - 08/31/2013
Title:	Esophageal Motor Function in Health and Disease
Source:	NIH Grant # 2R01DK025731-30
Role:	Principal Investigator
Dates:	09/01/2013 - 08/31/2017
Title:	Mechanisms of Upper Gut and Airway Interaction
Source:	NIH Grant # 1 P01 DK068051
Role:	Principal Investigator
Dates:	08/11/2014 - 06/30/2020
Title:	Gastroenterology Research Training

Source: Grant
Role: NIH/NIDDK Grant # T32 DK061923
Dates: Program Director
07/01/2015 - 07/31/2021

Title: Clinical and Translational Science
Award

Source: NIH/NCRR # UL1TR001436
Role: Principal Investigator
Dates: 07/01/2015 - 06/30/2020

Title: Clinical and Translational Science
Award

Source: NIH/NCRR # UL1TR001436 -07S1
Role: Principal Investigator
Dates: 09/2020 - 09/2022

Non-Peer Review

Source: inVentiv Health
Role: Principal Investigator
Dates: 06/01/2018 - 04/24/2022

INVITED LECTURES/WORKSHOPS/PRESENTATIONS:

Local

- "The Use of Infrared Coagulation for the Treatment of Symptomatic Hemorrhoids", MCW Gastrointestinal Diseases: Update 1987, Milwaukee, WI, 1987
- "Dysphagia and Swallowing Disorders", University of Wisconsin Medical School Lecture Series, Milwaukee, WI, 05/30/1990
- "Videoendoscopic Evaluation of Cervical Dysphagia", University of Wisconsin Medical School Lecture Series, Milwaukee, WI, 09/15/1990
- "The Clinical Evaluation of Dysphagia", MCW Grand Rounds, Milwaukee, WI, 11/28/1990
- "Gastroesophageal Reflux: Does It Cause Asthma, Hoarseness or Chronic Pharyngitis", CME program sponsored by MCW, Milwaukee, WI, 11/29/1990
- "Gastroesophageal Reflux Disease in the Elderly", MCW Gerontology Seminar, Milwaukee, WI, 03/16/1991
- "Reflux Beyond the Esophagus: Is This a Significant Clinical Problem, Practical Issues in Gastroenterology II: An Update on GI Problems Encountered in Clinical Practice, Milwaukee, WI, 12/05/1991
- "Functional Relationship of Larynx and Upper GI Tract", Dysphagia Research Society Inaugural Meeting, Milwaukee, WI, 11/06/1992
- "The Airway at Risk: Diagnosis and Management of Reflux Aspiration", Practical Issues in Gastroenterology III: An Update on GI Problems Encountered in Clinical Practice, Milwaukee, WI, 11/19/1992
- "Diagnosis and Treatment of the Patient with Dysphagia", and case presentation panel member: "Severe Reflux: Medical vs. Surgical Management", CME program sponsored by MCW, Practical Issues in Gastroenterology IV: An Update on GI Problems Encountered in Clinical Practice, Milwaukee, WI, 11/18/1993
- "Participation in ERCP and SO Manometry", Indications, Contraindications and Complications of SO Manometry: The Use and Abuse", Sphincter of Oddi Manometry Course, Milwaukee, WI, 09/21/1994
- "Techniques of SO Manometry", Sphincter of Oddi Manometry Course, Milwaukee, WI, 09/21/1994
- "Defining Swallowing Problems Above the Esophagus", CME program sponsored by MCW, Practical Issues in Gastroenterology V: An Update on GI Problems Encountered in Clinical Practice V, Milwaukee, WI, 11/07/1994
- "MCW Dysphagia Institute", CME program sponsored by MCW, Practical Issues in Gastroenterology VI: An Update on GI Problems Encountered in Clinical Practice, Milwaukee, WI, 11/29/1995
- "Endangered Gut", CME program sponsored by MCW, Practical Issues in Gastroenterology VI: An Update on GI Problems Encountered in Clinical Practice, Milwaukee, WI, 11/29/1995
- "Spectrum of Dysphagia: The Role of Latest Technology in Diagnosis and Management", MCW Seminar - Course Director, Milwaukee, WI, 03/22/1996

"Esophageal Dysfunction", Wisconsin Speech-Language-Hearing Association Conference, Milwaukee, WI, 04/27/1996

"GERD and Asthma", MCW, Allergy Department, Milwaukee, WI, 01/06/1997

"IBS and Gastrointestinal Health: How to Manage the GI Blues", Irritable Bowel Syndrome Patient Education Program, Milwaukee, WI, 05/29/1997

"Supraesophageal Complications of GERD", Gastrointestinal Regional Consultants Conference, Lake Geneva, WI, 08/14/1998

Key Note Speaker - "Supraesophageal Complications of GERD: A GI Perspective", American Laryngological, Rhinological, and Otological Society Symposium, Milwaukee, WI, 01/23/1999

Workshop: "Esophageal Disorders and Symptoms", 3rd International Symposium on Functional Gastrointestinal Disorders, Milwaukee, WI, 04/17/1999

"Colonic Cancer with Emphasis on Recent Genetic Advances", MCW Annual Weekend Clinic Day for Alumni, Milwaukee, WI, 05/08/1999

"Supraesophageal Dysphagia: Evaluation and Management", Milwaukee GI Society Meeting, Milwaukee, WI, 10/13/1999

"Airway Protective Mechanisms", Wisconsin Thoracic Society, Milwaukee, WI, 04/08/2000

"Supraesophageal Complications of Reflux Disease: Diagnostic and Management Strategies", MCW Medical Grand Rounds, Milwaukee, WI, 04/21/2000

"GERD/Supraesophageal Complications", Allergy Grand Rounds, Children's Hospital of Wisconsin, Milwaukee, WI, 07/24/2000

Workshop "Esophageal Disorders and Symptoms", 4th International Symposium on Functional Gastrointestinal Disorders, Milwaukee, WI, 04/01/2001

"Reflux Mediated Enhancement of Airway Protective Mechanisms", Wisconsin Speech-Language Pathology and Audiology Association Conference, 2001 Educational Odessey: Together We Learn, Madison, WI, 04/07/2001

"Current Approach to Diagnosis and Management of Oropharyngeal Dysphagia", Grand Rounds, Waukesha Memorial Hospital, Waukesha, WI, 04/17/2001

"Gastroesophageal Reflux as a Predisposing Factor to the Development of Esophageal Cancer", MCW, Council, Milwaukee, WI, 10/03/2001

"Methodology of Imaging Systems", 5th International Symposium on Functional Gastrointestinal Disorders. Workshop: Esophageal Disorders and Symptoms. Presentation, Milwaukee, WI, 04/04/2003

"Esophageal Sensory Physiology: From Mucosa to Cortex", Esophageal and Aerodigestive Tract Disorders: Real World Challenges Symposium – MCW Division of GI and Hepatology, Milwaukee, WI, 08/22/2003

"Oropharyngeal Dysphagia: Etiology & Diagnosis", Esophageal and Aerodigestive Tract Disorders: Real World Challenges Symposium – MCW Division of GI and Hepatology, Milwaukee, WI, 08/23/2003

"Current Management Strategies for Supraesophageal Complications of Reflux Disease", Esophageal and Aerodigestive Tract Disorders: Real World Challenges Symposium – MCW Division of GI and Hepatology, Milwaukee, WI, 08/23/2003

"Gastroenterology Related Professional Societies, Journals and Their Contributions", Choosing a Career in Academic Gastroenterology, Milwaukee, WI, 09/19/2003

"Critical Thinking, Innovative Thinking: Do We Know All There Is? Can It Be Done", Choosing a Career in Academic Gastroenterology, Milwaukee, WI, 09/20/2003

Chair, Imaging Mini Symposium, 6th International Symposium on Functional Gastrointestinal Disorders, Milwaukee, WI, 04/08/2005

"GERD: Expanding Complication: Diagnosis and Management", Gyro International Organization, Milwaukee, WI, 08/25/2005

"Swallowing Disorders: Diagnosis and Management", Medical College of Wisconsin, PM&R Grand Rounds, Milwaukee, WI, 03/31/2006

"Gastroesophageal Reflux Disease: Where are We in 2006?", MCW 2006 Alumni Weekend Clinic Day, Milwaukee, WI, 05/06/2006

"Carrying the Torch: On the Trail to Effective Treatment of GERD", Pri-Med Update in GERD, Milwaukee, WI, 12/16/2006

"GERD: Prevalence, Causes, Diagnosis and Management", Small Stones (Froedtert Community Organization), Milwaukee, WI, 10/10/2007

"Dysphagia: A Growing Problem", MCW's 1st Annual Update on Gastrointestinal Disorders, Milwaukee, WI, 10/28/2008

“Supra-esophageal GERD: A Controversial Problem”, MCW’s 2nd Annual “State of the Gut”: An Update on Gastrointestinal Disorders, Milwaukee, WI, 11/06/2009
 “Advances in the Treatment of Esophageal Cancer”, MCW Council, Milwaukee, WI, 09/22/2010
 “The Path to Clinical & Translational Science at the Medical College of Wisconsin”, Senior Faculty Leadership Orientation Program, Milwaukee, WI, 10/04/2011
 “Gastroesophageal reflux disease: pathophysiology and diagnosis”, State of the Gut, Milwaukee, WI, 09/28/2012
 “Stimulating the integration of research into the clinical practice: a joint CTSI and MCP project”, Medical College Physician’s Board, Milwaukee, WI, 12/18/2012
 “Esophageal Dysmotility”, IFFGD 10th Symposium, Milwaukee, WI, 04/13/2013
 “CTSI overview, Strategic Plan and Department Leaders involvement within CTSI”, Senior Leader Orientation, Milwaukee, WI, 04/18/2013
 “Esophagology for Non-esophagologists”, Wheaton Franciscan Course for Speech Pathologist, Milwaukee, WI, 05/28/2014
 Course Director, American Neurogastroenterology & Motility Conference, Milwaukee, WI, 07/27/2018 - 07/29/2018
 “Evaluation of Oropharyngeal Dysphagia: How I Do It”, American Neurogastroenterology & Motility Conference, Milwaukee, WI, 07/27/2018
 Case Presentation and Expert Opinion: Challenging Cases in Pharyngeal-UES Motility, American Neurogastroenterology & Motility Conference, Milwaukee, WI, 07/27/2018
 “Evaluation of Oropharyngeal Dysphagia: New Innovations in Therapy”, GI Society, Milwaukee, WI, 02/14/2019
 Mentor Lunch Session: BE MOTIVATED!, DRSIE, Milwaukee, WI, 08/13/2021
 “Impact of GERD on Swallowing: Is it Pharyngeal or Esophageal Pathology?”, DRSIE, Milwaukee, WI, 08/13/2021
 Moderator, Aerodigestive Cross-System Interactions: Clinical importance, Perturbations and Interventions., DRSIE, Milwaukee, WI, 09/08/2022

Regional

“Effect of Aging on Deglutitive Oral, Pharyngeal and Esophageal Motor Function”, Dysphagia Research Society 2nd Annual Scientific Meeting, Lake Geneva, WI, 10/22/1993
 “Esophageal Diseases”, Howard Young Medical Staff CME Conference, Woodruff, WI, 03/25/1994
 “Supraesophageal Manifestations of Reflux Disease, 1994 National GI Consultants Conference, Lake Geneva, WI, 06/10/1994
 “Complication of GERD Over and Above the Esophagus”, Clinical Symposium on Disorders of Gastrointestinal Motor Function, Lake Geneva, WI, 10/12/1996
 “Dysphagia: Symptoms, Diagnosis and Treatment Approaches”, Clinical Symposium on Disorders of Gastrointestinal Motor Function, Lake Geneva, WI, 10/12/1996
 “H. Pylori and Peptic Ulcer Disease”, Medical Grand Rounds, St. Mary’s Hospital-Ozaukee, Ozaukee, WI, 12/19/1996
 “The Evaluation and Management of Dysphagia”, Grand Rounds Presentation (CME Program), Marshfield Clinic, Marshfield, WI, 08/21/1997
 “Dysphagia - The Tip of the Iceberg”, MCW CME 28th Annual Winter Refresher Course for Family Physicians, Waukesha, WI, 01/30/1998
 “Transnasal Endoscopy”, Chicago Society for Gastroenterology, Chicago, IL, 06/21/2000
 “Transnasal Endoscopy”, Rush Presbyterian St. Luke’s Medical Center, Chicago, IL, 06/22/2000
 “Supraesophageal Manifestations of GERD”, GI Grand Rounds, Christ Hospital, Chicago, IL, 09/27/2001
 “Transnasal Unsedated Endoscopy: A New Approach to Diagnosis of Upper Gut Diseases”, University of Illinois, Chicago, IL, 02/06/2002
 “Pharyngeal & Otolaryngology Physiology and Pathophysiology”, Lutheran General Hospital’s GI Pathophysiology Conference, Chicago, IL, 06/12/2002
 “Supraesophageal Dysphagia: Approach and Management”, University of Wisconsin-Madison Medical School. Grand Rounds presentation, Madison, WI, 12/03/2002
 “Reflux Above and Beyond the Esophagus: Diagnosis, Clinical Presentation and Management – From Bench to Bedside”, Loyola University, Grand Rounds, Chicago, IL, 04/29/2003
 “Esophago-cortical Connection and Brain Imaging”, Northwestern University, GI Grand Rounds, Chicago, IL, 06/03/2004

"UES Physiology and Pathophysiology: Disorders and Treatment", University of Chicago GI Research Conference, Chicago, IL, 09/30/2004
 "Gastroesophageal Reflux Disease: Mechanisms and Management", International Association for Chemical Testing (IACT) 18th Annual Meeting, Madison, WI, 04/14/2005
 "Extraesophageal GERD", AGA Spring Postgraduate Course, Chicago, IL, 05/14/2005
 "Normal Aging and the Esophagus including Age-Related Changes in Esophageal Function", Northern Speech Services and National Rehabilitation Services Symposium entitled Dysphagia in the Elderly: Disorders, Evaluation, Management and Reimbursement, Chicago, IL, 04/08/2006
 "Functional Heartburn: What is New", Post DDW 2007, Kohler, WI, 06/09/2007
 "A case of supraesophageal complications of reflux disease", American College of Gastroenterology Regional Postgraduate Course, Chicago, IL, 06/13/2008
 "Oropharyngeal Dysphagia", American College of Gastroenterology Regional Postgraduate Course, Chicago, IL, 06/15/2008
 "Should we still concentrate on PPIs? What is new in Acid Suppression?", GI Associates' 3rd Annual Post-DDW Wrap-up Conference, Kohler, WI, 09/06/2008
 "Update: Evaluation and Management of Dysphagia", MCW's 21st Annual Update in Primary Care, Egg Harbor, WI, 10/10/2008
 "Esophagus, Dysphagia, Aspiration & Sleep: Recent Understanding of Physiology & Pathophysiology", Advocate Lutheran General Hospital, Park Ridge, IL, 03/25/2009
 "Supraesophageal GERD", Advocate Lutheran General Hospital, Oaklawn, IL, 04/09/2009
 "Diagnosing and Treating Oropharyngeal Dysphagia", Digestive Disease Week: Post-Grad Course, Chicago, IL, 05/30/2009
 "Motility and Functional Disorders of the Esophagus", Digestive Disease Week: Moderator (AGA), Chicago, IL, 06/02/2009
 "Esophageal Potpourri", Digestive Disease Week: Moderator (ASGE), Chicago, IL, 06/02/2009
 "GERD: Pathophysiology and Update of Medical Management 2009", Gastroesophageal Reflux: From acid reflux to adenocarcinoma Course, Lake Geneva, WI, 10/24/2009
 "Esophageal Motility Disorders: A decade of progress", Digestive Disease Week: State-of-the-Art Lecture, Chicago, IL, 05/09/2011
 "A novel "UES assist device" for prevention of supine pharyngeal reflux of gastric content", Digestive Disease Week, Chicago, IL, 05/10/2011
 Moderator "Esophageal Motility and Functional GI Disorders", Digestive Disease Week, Chicago, IL, 05/10/2011
 "Hoarseness: Is it Acid?", MCW's 4th Annual "State of the Gut": An Update on Gastrointestinal Disorders, Milwaukee, WI, 10/07/2011
 "Oropharyngeal Dysphagia New Approaches & Therapies", Neurogastroenterology and Motility 7th Postgraduate Course, Chicago, IL, 07/27/2012
 "Most Important Advances in Oropharyngeal Dysphagia in the Last Year", Digestive Disease Week, Chicago, IL, 05/04/2014
 "Recent Updates in GERD", ACP, Baraboo, WI, 09/12/2015
 "Success Stories of Government Funding", Bioscience Summit, Madison, WI, 09/16/2015
 Panel Discussion, 4th Biannual Head & Neck Symposium, Chicago, IL, 10/01/2016
 "New Horizon on Swallow Rehabilitation", 4th Biannual Head & Neck Symposium, Chicago, IL, 10/01/2016
 "Oropharyngeal Dysphagia Current Diagnosis and Management", Grand Rounds, Chicago, IL, 01/24/2017
 Moderator Oropharyngeal and Esophageal Dysmotility, Digestive Disease Week, Chicago, IL, 05/08/2017
 "State-of-the-Art Lecture: Let's Put it all Together", Digestive Disease Week, Chicago, IL, 05/08/2017
 "Sensory Influence & Testing", Swallowing Conference, Fiberoptic Endoscopic Evaluation of Swallowing, Evanston, IL, 07/12/2018
 "Medical, Surgical, & Behavioral Treatment for Esophageal Disorders", Swallowing Conference, Break-Out Modules, Evanston, IL, 07/13/2018
 "Specialization & Advanced Competency – Which Career Development Pathway for Me", Swallowing Conference, Future of Dysphagia Management, Evanston, IL, 07/14/2018
 "Esophageal Motility Disorders & GERD", Swallowing Conference, Gastrointestinal Disorders, Evanston, IL, 07/14/2018
 Moderator "The Unusual Suspects Involved in Visceral Pain", Digestive Disease Week, Chicago, IL, 05/09/2024

National

- "Endoscopic Treatment of Hemorrhoids, Infrared Coagulation, DC Electrotherapy", The Southern California Society for Gastrointestinal Endoscopy, Santa Barbara, CA, 09/1987
- Pennsylvania Society of Gastroenterology, "Infrared Coagulation of Hemorrhoids", Pittsburgh, PA, 10/01/1988
- "Swallowing and Swallowing Disorders: From Clinic to Laboratory", National Conference on Swallowing and Swallowing Disorders: From Clinic to Laboratory, Evanston, IL, 10/04/1991 - 10/05/1991
- "Diagnosis and Management of Swallowing Disorders", Annual Scientific Meeting of Woodstock General Hospital, Woodstock, IL, 09/23/1992
- "Airway Protective Mechanisms During Retrograde Esophagopharyngeal Transit" and "Manometric Features of the Pharyngeal Phase of Swallowing", Indiana University Medical Center, Indianapolis, IN, 03/21/1993 - 03/23/1993
- "Extraesophageal Manifestations of Gastroesophageal Reflux Disease", AGA Post-Graduate Course, American Gastroenterological Association Meeting, Boston, MA, 05/1993
- "Diseases of the Esophagus", Internal Medicine Board Review Course, Chicago, IL, 09/18/1993
- "Management of Swallowing Disorders", Interdisciplinary International Symposium on Gastrointestinal Dysfunction in Neurological Disease, Omaha, NE, 09/22/1993 - 09/23/1993
- "Airway Protective Mechanisms During Antegrade and Retrograde Pharyngoesophageal Transit.", Research Seminar, Cleveland, OH, 12/17/1993
- "Effect of Aging on the Deglutitive Oral, Pharyngeal and Esophageal Motor Function", Johns Hopkins Multidisciplinary Dysphagia Seminar, Baltimore, MD, 04/14/1994 - 04/15/1994
- "Pharynx/Larynx Interrelationships", Johns Hopkins Multidisciplinary Dysphagia Seminar, Baltimore, MD, 04/14/1994 - 04/15/1994
- "Functional Relationship Between the Pharynx, Glottis and Esophagus: A Reflex Connection", NSS Continuing Education Seminar, Chicago, IL, 04/29/1994 - 04/30/1994
- "Airway Protective Mechanisms: Current Concepts. Endowed Dodds-Donner Annual Lecture", Dysphagia Research Society, Third Annual Scientific Meeting, McLean, VA, 10/14/1994 - 10/16/1994
- "Keys for Enhancing Your Practice", Matrix Healthcare Course, Los Angeles, CA, 04/29/1995
- "Evaluation of Dysphagia", AGA Co-Chairman, Research Forum, San Diego, CA, 05/15/1995 - 05/18/1995
- "Augmentation of Deglutitive UES Opening in the Elderly by Exercise", AGA Panel Member - Swallowing and Swallowing Disorders, San Diego, CA, 05/15/1995 - 05/18/1995
- Panel Member, National GI Consultants Conference, Colorado Springs, CO, 06/15/1995 - 06/18/1995
- "The Assessment of Non-Cardiac Chest Pain", American College of Gastroenterology Learning Luncheon, New York, NY, 10/14/1995 - 10/15/1995
- "Oropharyngeal Dysphagia", American College of Gastroenterology Postgraduate Course, New York, NY, 10/14/1995 - 10/15/1995
- Plenary Session VI "A Preliminary Report on Parameters of Pharyngeal Peristalsis in Patients with Multiple Sclerosis and Amyotrophic Lateral Sclerosis", Dysphagia Research Society, 4th Annual Meeting, McLean, VA, 10/26/1995 - 10/28/1995
- "Effect of Exercise on Deglutitive UES in the Elderly", Dysphagia Research Society, 4th Annual Meeting, McLean, VA, 10/26/1995 - 10/28/1995
- "Oropharyngeal Motor Function in the Elderly", American Geriatrics Society & American Federation for Aging Research, 1996 Annual Scientific Meeting, Chicago, IL, 05/01/1996 - 05/05/1996
- Workshop, Clinical Challenges for the Primary Care Physician, Chicago, IL, 07/27/1996
- "Senescence and Swallowing", Dysphagia Research Society Fifth Annual Meeting, Aspen, CO, 10/31/1996 - 11/02/1996
- "GERD: The Esophagus and Beyond; A Multi-Disciplinary Issue", First Multi-Disciplinary International Symposium on Supraesophageal Complications of Reflux Disease, Tucson, AZ, 11/21/1996 - 11/23/1996
- "Esophagoglottal, Pharyngoglottal Closure Reflex and Secondary/Pharyngeal Swallow", First Multi-Disciplinary International Symposium on Supraesophageal Complications of Reflux Disease, Tucson, AZ, 11/21/1996 - 11/23/1996
- Oropharyngeal Dysphagia and Related Topics, Invited Professor, Oak Lawn, IL, 05/29/1997
- "Oropharyngeal Dysphagia", 1997 AGA Board Review, Atlanta, GA, 10/16/1997 - 10/19/1997
- "Secondary Complications of Esophageal Reflux", Medicine for Today Seminar, Woodstock Family Practice Center, Woodstock, IL, 03/18/1998
- "Normal Physiology and Role of Manometry", Esophageal Diseases: From (A)chalasia to (Z)enker's

Diverticulum With Some GERD In Between, Cleveland Clinic Foundation, Cleveland, OH, 04/17/1998 - 04/19/1998

Gastroesophageal Reflux Disease: "Pathophysiology", and "ENT and GERD.", "Esophageal Diseases: From (A)chalasia to(Z)enker's Diverticulum With Some GERD In Between, Cleveland Clinic Foundation", Cleveland, OH, 04/17/1998 - 04/19/1998

"Reflex Mediated Enhancement of Airway Protective Mechanisms", Second Multi-Disciplinary International Symposium on Supraesophageal Complications of Reflux Disease, Seattle, WA, 08/06/1998 - 08/08/1998

"Gastroesophageal Motor Abnormalities in Gastroesophageal Reflux", Columnar Lined (Barrett's) Esophagus NIH Sponsored Conference, Boston, MA, 09/27/1998 - 09/29/1998

"Mechanisms of Supraesophageal Protection Against Gastroesophageal Reflux Disease (GERD)", Columbia University College of Physicians and Surgeons Postgraduate Course, Endoscopic Diagnosis & Management of Dysphagia: FEESST for Physicians, Woodcliff Lake, NY, 10/30/1998 - 10/31/1998

"Pharyngo-Esophageal Interrelationships in Swallowing Course", Annual ASHA Convention, San Antonio, TX, 11/20/1998 - 11/22/1998

"Motility of the Esophagus/Stomach/Oral Pharyngeal", Gastroenterology Geriatric Education Retreat: Integrating Geriatrics into the Subspecialties of Internal Medicine, St. Johns, Virgin Islands, 03/11/1999 - 03/18/1999

"Disease State Management: Dysphagia", Nutrition and Device Roundtable, Charleston, SC, 04/26/1999 - 04/28/1999

"Pharyngeal Dysphagia for Gastroenterologists", Gastroenterology Consultants Conference, Pharyngeal Dysphagia and Pharyngeal Manifestations of GERD., Bonaventure, FL, 04/30/1999 - 05/02/1999

"Unsedated Transnasal Upper GI Endoscopy (T-EGD): Technique and Clinical Experience", Northeast Ohio GI Society, Cleveland, OH, 09/29/1999

"Oral and Pharyngeal Complications of Gastroesophageal Reflux Disease (Globus, Dental, Erosions, Sinusitis)", Yale University Workshop, Westport, CT, 10/22/1999

"Protective Mechanisms Against Supraesophageal GERD", Yale University Workshop, Westport, CT, 10/22/1999

"Physiological Role of the Cricopharyngeal Sphincter", Esophageal Motility Workshop, Providence, RI, 11/19/1999 - 11/20/1999

"Aerodigestive Complications of Gastroesophageal Reflux", Oklahoma City Gut Club, Oklahoma City, OK, 03/14/2000

"Oral Pharyngeal Dysphagia: Diagnosis & Management", Medical Grand Rounds, Medical College of Virginia, Richmond, VA, 03/16/2000

"Managing the Patient at Risk for Barrett's Esophagus", Long Island College Hospital, Brooklyn, NY, 03/23/2000

"Reflux and Vocal Fold Dysfunction", Multidisciplinary Voice and Swallow Conference 2000: Instrumentation for Better Diagnosis and Treatment, Palm Beach, FL, 03/25/2000

"Esophageal Dysphagia", Multidisciplinary Voice and Swallow Conference 2000: Instrumentation for Better Diagnosis and Treatment, Palm Beach, FL, 03/25/2000

"Dynamics of Swallow After UES Myotomy", Multidisciplinary Voice and Swallow Conference 2000: Instrumentation for Better Diagnosis and Treatment, Palm Beach, FL, 03/25/2000

"Swallowing Disorders", 86. University of Pittsburgh Medical Center, Department of Otolaryngology and the Swallowing Disorders Center, Pittsburgh, PA, 05/10/2000

"Concurrent Dual Esophageal, Dual Pharyngeal pH Monitoring: Chasing the Culprit Further and Farther", Third Multi-Disciplinary International Symposium on Supraesophageal Complications of Reflux Disease, Boston, MA, 08/10/2000 - 08/12/2000

"Unsedated Transnasal Laryngo-Pharyngo-Esophago-Gastroduodenoscopy: A Universal Approach", Third Multi-Disciplinary International Symposium on Supraesophageal Complications of Reflux Disease, Boston, MA, 08/10/2000 - 08/12/2000

"Extraesophageal Manifestations of Gastroesophageal Reflux", Symposium: An Otolaryngology Update Program, Wayne State Univ., Dearborn, MI, 08/16/2000

"Cricopharyngeal Response to Obstruction", 11th Biennial American Motility Society Meeting, Kansas City, MO, 09/17/2000

"Transnasal Ultrathin Endoscopy Technique", Post Graduate Course, 2nd Annual Esophagology for Clinicians: Swallowing and Esophageal Diseases, Univ. of South Florida, Orlando, FL, 12/07/2000 - 12/09/2000

"Oropharyngeal Dysphagia: Principles of Diagnosis & Therapy", Post Graduate Course, 2nd Annual Esophagology for Clinicians: Swallowing and Esophageal Diseases, Univ. of South Florida, Orlando, FL, 12/07/2000 - 12/09/2000

"Supraesophageal Complications of GERD", Post Graduate Course, 2nd Annual Esophagology for Clinicians: Swallowing and Esophageal Diseases, Univ. of South Florida, Orlando, FL, 12/07/2000 - 12/09/2000

"Extraesophageal Manifestations of Gastroesophageal Reflux Disease", Medical Grand Rounds, West Los Angeles Veteran's Administration Healthcare Center, Los Angeles, CA, 01/24/2001

"Supraesophageal Complications of Reflux Disease", Advances in Gastroenterology for the Primary Care Physician (Symposium), Stanford, Menlo Park, CA, 01/27/2001

"Supraesophageal Complications of GERD", Voice, Swallow and Airway Conference 2001, Jupiter Beach, FL, 03/24/2001

"Esophageal Dysphagia, UES & LES, Extraesophageal Impact of Reflux Disease", Voice, Swallow and Airway Conference 2001, Jupiter Beach, FL, 03/24/2001

"Supraesophageal Complications of GERD", AGA Satellite Symposium, Debating the Issues: An Interactive Consultants Forum in the Management of GI Disorders, Atlanta, GA, 05/19/2001

"Heartburn in America, Gallup Survey Overview", AGA Satellite Symposium, Atlanta, GA, 05/21/2001

"Implications of Oropharyngeal Swallowing", AGA Clinical Symposium: Extrinsic Primary Afferent Transduction in the Upper Gastrointestinal Tract, Atlanta, GA, 05/23/2001

"Diagnosis and Management of Swallowing Disorders in the Older Patient, Emerging Concepts, Novel Developments and Controversies", State-of-the-Art Lecture, Atlanta, GA, 05/23/2001

"Implications of Upper GI Extrinsic Afferent Transduction", AGA Clinical Symposium: Extrinsic Primary Afferent Transduction in the Upper Gastrointestinal Tract, Atlanta, GA, 05/23/2001

"Evaluation and Management of Dysphagia From a GI Perspective", University of Florida, Florida Dysphagia Institute, Orlando, FL, 07/15/2001 - 07/19/2001

"Prevention and Treatment of Nocturnal Gastroesophageal Reflux", Nighttime Heartburn Relief Advisory Board Meeting, Charleston, SC, 12/15/2001 - 12/16/2001

"Challenging Current Paradigms: Emerging Science in Gastrointestinal Pharmacology", Wyeth-Ayerst Symposium, San Francisco, CA, 05/19/2002

116. ASGE Clinical Symposium: Endoscopic Examination of the Hypopharynx: What You Miss on the Way to the Esophagus (Co-Chair), DDW, San Francisco, CA, 05/21/2002

"GER Monitoring for SupraEsophageal Manifestations of GERD", DDW, MII Research Forum Breakfast Symposium, San Francisco, CA, 05/21/2002

AGA Clinical Symposium: Supraesophageal Complications of Reflux Disease (Co-Chair, DDW, San Francisco, CA, 05/21/2002

"Effects of Aging on the Upper Gastrointestinal Tract Motility", DDW AGA Committee Sponsored Symposium: Aging and the Gastrointestinal Tract, San Francisco, CA, 05/22/2002

"The Pathophysiology of Supraesophageal Reflux: The Pharynx, Hypopharynx and UES", Oregon Health Sciences University, Advances in the Diagnosis & Treatment of Supraesophageal Reflux, Portland, OR, 05/24/2002

"The Diagnosis of Supraesophageal Reflux: Current Status, Techniques and New Technologies", 118. Oregon Health Sciences University, Advances in the Diagnosis & Treatment of Supraesophageal Reflux, Portland, OR, 05/24/2002

"Normal Physiology of the Pharynx: Not Only a Conduit for Air and Food – Pressure and pH Characteristics, Reflexogenesis and Its Effect on the Upper Gut", 120. Fourth Multi-Disciplinary International Symposium on Supraesophageal Complications of Reflux Disease, San Diego, CA, 08/08/2002 - 08/10/2002

"Nighttime Gastroesophageal Reflux: An Unappreciated Clinical Problem", Fourth Multi-Disciplinary International Symposium on Supraesophageal Complications of Reflux Disease, San Diego, CA, 08/08/2002 - 08/10/2002

"Supraesophageal Complications of Reflux Disease Seminar", St. Louis University School of Medicine, Branson, MO, 08/23/2002 - 08/25/2002

"Cerebral Cortical Involvement in Gut Sensation: There is More Than Meets the Eye", Johnson & Johnson Research and Development LLC, Spring House, PA, 03/12/2003

Brown University, "Supraesophageal Manifestations of GERD", Providence, RI, 03/20/2003

"Normal Physiology of the Pharynx, Not Only a Conduit for Air and Food – Pressure and pH Characteristics, Reflexogeneous and Its Affect on the Upper Gut", St Louis University Medical Center. April 15th, St.

Louis, MO, 04/15/2003 - 04/15/2006

"Reflux and Its Affect on the Airway", Noon Conference, St. Louis, MO, 04/16/2003

"Pathophysiology of SupraEsophageal GERD and Novel Diagnostic Tools", St. Luke's Hospital – SupraEsophageal Complications of Gastrointestinal Reflux Symposium, Kansas City, MO, 05/07/2003

Meet-the-Professor Luncheon on Dysphagia-Oropharyngeal, AGA Digestive Disease Week, Orlando, FL, 05/19/2003

"Central Registration of Subliminal Gut Stimuli", AGA Digestive Disease Week, Invited Speaker - Research Symposium: Role of Central Sensitization in Visceral Pain Syndromes, Orlando, FL, 05/21/2003

"Supraesophageal Complications of GERD", Treatment Solutions for Common Gastrointestinal Motility Problems Symposium, Louisville, KY, 06/07/2003

"Supraesophageal Complications of GERD: Overview of Pathogenesis and Diagnosis", Tulane University, Esophageal & Supraesophageal Complications of GERD, New Orleans, LA, 08/09/2003

"Cerebral Cortical Function and Intestinal Visceral Sensation", Tulane University, Esophageal & Supraesophageal Complications of GERD, New Orleans, LA, 08/09/2003

Breakout Session: "Innovative Techniques for Detecting Supraesophageal Reflux Events", Iind Supraesophageal Complications of GERD Symposium, Branson, MO, 09/12/2003 - 09/14/2003

"Physiology and Pathophysiology of the Upper Airway and Acid", Iind Supraesophageal Complications of GERD Symposium, Branson, MO, 09/12/2003 - 09/14/2003

"Why Do We Need A Position Statement? Pathophysiology: Mechanisms and Predictors of Esophagopharyngeal Acid Regurgitation", Dysphagia Research Society, San Francisco, CA, 10/02/2003 - 10/04/2003

"Laryngopharyngeal Reflux Development of a Position Statement on Pathophysiology, Diagnosis and Management", Dysphagia Research Society, San Francisco, CA, 10/02/2003 - 10/04/2003

"Practice Guidelines for Multidisciplinary Evaluation and Treatment of Dysphagia – Treatment", Dysphagia Research Society, San Francisco, CA, 10/02/2003 - 10/04/2003

"Supraesophageal Manifestations of GERD", A Day in the Gut – New York Hospital Queens, Flushing, NY, 10/18/2003

"Pathophysiology and Techniques for Detecting Supraesophageal Reflux", American College of Allergy, Asthma and Immunology Annual Meeting, New Orleans, LA, 11/07/2003

"UES Physiology and Pathophysiology", Charleston Swallowing Conference: State of the Science in Practice, Charleston, SC, 01/30/2004 - 02/01/2004

"Supraesophageal Complications of Reflux Disease", Washington University School of Medicine, Gastroenterology Grand Rounds, St. Louis, MO, 02/24/2004

"New Issues in the Management of GERD", ASGE Gastroenterology Practice-Endoscopic ASCs-Creating Success Program, Knoxville, TN, 04/15/2004

"Extra-Esophageal Problems With GERD", AGA's Spring Postgraduate Course Luncheon Breakout Session: A New Era in Gastroenterology and Hepatology, New Orleans, LA, 05/15/2004 - 05/16/2004

"Functional Esophageal Disorders – Brain Imaging", AGA Clinical Symposium Presentation, New Orleans, LA, 05/19/2004

"Motility Disorders of the Esophagus and Gut", University of Texas-Galveston, Galveston, TX, 07/31/2004 - 08/01/2004

"Chronic Laryngitis & Laryngo-Pharyngeal Reflux: What To Do When All Else Fails", 69th Annual ACG Meeting and Postgraduate Course, Orlando, FL, 10/30/2004 - 11/02/2004

"FEES – Functional Evaluation of Esophageal Swallowing (Video Demonstration)", 11th Symp on Neurogastroenterology and Gastrointestinal Motility, Sanibel Island, FL, 02/03/2005 - 02/06/2005

"Oropharyngeal Dysphagia: Clinical Approach," and "Typical and Atypical GERD", 11th Symposium on Neurogastroenterology and Gastrointestinal Motility, Sanibel Island, FL, 02/03/2005 - 02/06/2005

"Curing Nasal Regurgitation: Practical Therapy for Post-Stroke Dysphagia", Walter Reed Gastroenterology Symposium, McLean, VA, 03/11/2005 - 03/12/2005

"Expanding Complications of GERD: Contribution of Nighttime Reflux", GERD Consultants Meeting, Dallas, TX, 06/24/2005 - 06/26/2005

"What Type of Studies Can Be Performed to Explore Silent Reflux?", Silent Reflux Symposium, Tucson, AZ,, 09/08/2005

Endowed lecture: "Rehabilitative Approaches to Dysphagia: Applying Pathophysiological Insight in Clinical Practice", Mayo Clinic College of Medicine - Geriatric Update for the Primary Care Provider, Rochester, MN, 10/05/2005 - 10/06/2005

"The Aging Upper Gut", Mayo Clinic College of Medicine - Geriatric Update for the Primary Care Provider,

Rochester, MN, 10/05/2005 - 10/06/2005

"Overlapping Oropharyngeal and Esophageal Disorders", Medical University of South Carolina - Charleston Swallowing Conference, Charleston, SC, 10/08/2005

"Challenges in the Diagnosis and Management of Supraesophageal Complications of GERD", Univ. of Michigan ACG symposium - Challenges of GERD Management: Acid in the Night, Honolulu, Hawaii, 10/29/2005

"Atypical GERD, Non-Cardia Chest Pain and NERD", Harvard Motility Course – Current and Emerging Therapies in Gastrointestinal Motility and Functional GI Disorders, Boston, MA, 11/05/2005 - 11/06/2005

"Oropharyngeal Swallowing: Normal & Abnormal", American Motility Course on Gastrointestinal Motility in Clinical Practice, San Diego, CA, 02/10/2006 - 02/12/2006

"CNS Imaging for Functional Bowel Disorders", American Motility Course on Gastrointestinal Motility in Clinical Practice, San Diego, CA, 02/10/2006 - 02/12/2006

"Mechanisms and Management of Esophago Pharyngeal Reflux", Dysphagia Research Society, Nashville, TN, 03/14/2006

"Esophageal Sensory Function and GE Reflux Issues", Dysphagia Research Society Annual Meeting, Scottsdale, AZ, 03/23/2006 - 03/25/2006

"Clinical Challenge Session: Oropharyngeal Dysphagia", AGA Spring Postgraduate Course – Recognizing and Reducing Risk in GI Practice, Los Angeles, CA, 05/20/2006 - 05/21/2006

"GERD and Sleep Are Intimately Related: Where Are We in 2006?", DDW CME Program: The Reciprocal Relationship Between GERD and Sleep: What Every GI Clinician Should Know, Los Angeles, CA, 05/23/2006

"Contributions of Nighttime Reflux to Supraesophageal Symptoms", University of Michigan Symposium – Strangers in the Night: Case-Based Learnings on Nighttime and Supraesophageal GERD, Las Vegas, NV, 10/21/2006

"Contributions of Nighttime Reflux to Supraesophageal Symptoms", University of Michigan Symposium – Strangers in the Night: Case-Based Learnings on Nighttime and Supraesophageal GERD, Las Vegas, NV, 10/21/2006

"GERD: Comprehensive Review: Where Are We, Where We Were, Where Are We Going", Gastroenterology Business Development Scientific Advisory Board Meeting at the American College of Gastroenterology Annual Meeting, Las Vegas, NV, 10/21/2006

"The Aging Esophagus: The Known, Unknown and Speculated", Nighttime Working Group Meeting, Las Vegas, NV, 10/24/2006

"Transnasal EsophagoGastroDuodenoscopy (T-EGD)", Columbia University Symposium - Contemporary Evaluation & Management of Reflux and Swallowing Disorders, New York, NY, 11/04/2006

"Dysphagia Treatment: SHAKER Exercises", Columbia University Symposium - Contemporary Evaluation & Management of Reflux and Swallowing Disorders, New York, NY, 11/04/2006

"Functional Gastrointestinal Disorders: a Single Entity or Differential Diagnoses?", Exploring the Spectrum of GERD Symposium, Athens, Greece, 11/25/2006

"TNE Technique II: Examination of the Esophagus, Stomach & Duodenum and Biopsy Techniques and Therapeutic Endoscopy", Oregon Health and Science Course, Portland, OR, 12/07/2006 - 12/09/2006

"Unsedated Transnasal Endoscopy: An Evidence-Based Review", Oregon Health and Science Course, Portland, OR, 12/07/2006 - 12/09/2006

"Transnasal Endoscopy: How Will This Approach Impact the Way We Practice?", Oregon Health and Science Course, Portland, OR, 12/07/2006 - 12/09/2006

"The Functional Relationship between the Esophagus and the Airways and Supraesophageal Complications of GERD", Baylor College of Medicine - Gastroenterology Update 2007. Endowed lecture:, Houston, TX, 02/14/2007 - 02/18/2007

"Research Conference "Reciprocal Physiology of Upper GI and Airway", Baylor College of Medicine - Gastroenterology Update 2007. Endowed lecture, Houston, TX, 02/14/2007 - 02/18/2007

Grand Rounds "Dysphagia Diagnoses and Management: A Multidisciplinary Approach", Baylor College of Medicine - Gastroenterology Update 2007. Endowed lecture, Houston, TX, 02/14/2007 - 02/18/2007

"Extraesophageal Complications of Reflux Disease", Robert Wood Johnson Medical School, Medical Grand Rounds, New Brunswick, NJ, 02/20/2007 - 02/21/2007

"Benign Esophageal Disorders", DDW ASGE Forum, Washington, DC, 05/21/2007

"Endoscopic Esophagus Anatomy and Pathology", Medical College of Georgia, Medical and Surgical Approaches to GI Disorders, Kiawah Island, SC, 07/08/2007

“Diagnosis and Management of Dysphagia”, West Virginia School of Medicine, Grand Rounds and Symposium, Morgantown, West Virginia, 09/14/2007 - 09/15/2007
 “Brain-Gut and IBS”, West Virginia School of Medicine, Grand Rounds and Symposium, Morgantown, West Virginia, 09/14/2007 - 09/15/2007
 “Diagnosis and Management of Dysphagia”, West Virginia School of Medicine, Grand Rounds and Symposium, Morgantown, West Virginia, 09/14/2007 - 09/15/2007
 “Supraesophageal Complications of Reflux Disease: Have we gone overboard?”, University of South Florida College of Medicine’s 9th Annual Update for Clinicians, Diagnosis and Therapy of Esophageal and Gastric Disorders, Orlando, FL, 11/28/2007 - 11/30/2007
 “Oral-Pharyngeal Dysphagia: Recent Advances in Management”, University of South Florida College of Medicine’s 9th Annual Update for Clinicians, Diagnosis and Therapy of Esophageal and Gastric Disorders, Orlando, FL, 11/28/2007 - 11/30/2007
 “Brain Control of Perceived and Unperceived Events in the Intestine”, University of South Florida College of Medicine’s 9th Annual Update for Clinicians, Diagnosis and Therapy of Esophageal and Gastric Disorders, Orlando, FL, 11/28/2007 - 11/30/2007
 “Airway Protective Reflexes Against Aspiration: Is Sleep a Peril?”, Dysphagia Research Society Annual Meeting, Charleston, SC, 03/05/2008 - 03/08/2008
 “Reciprocal Physiology and Pathophysiology of the Upper Gut and the Airway...A Call for Inter-Disciplinary Team Research”, American Broncho-Esophological Association’s Annual Meeting, Orlando, FL, 05/01/2008 - 05/02/2008
 “Esophageal Considerations and Referral Guidelines”, Dysphagia in the Elderly: Treatment Techniques and Treatment Planning to Ensure Best Practice and Functional Outcomes, Houston, TX, 09/20/2008
 “Cerebral Cortex and the Gut: Subliminal, Liminal and Painful Interaction”, Vanderbilt University Medical Center’s 2008-2009 Harrison Shull Professor Lectureship, Nashville, TN, 12/04/2008
 “Supraesophageal Dysphagia: A Multidisciplinary Approach to Diagnosis and Management”, Vanderbilt University Medical Center’s 2008-2009 Harrison Shull Professor Lectureship, Nashville, TN, 12/04/2008
 “Diagnosis and Management of Esophageal Dysphagia”, Voice, Swallow and Airway Conference, Singer Island, FL, 04/24/2009
 “LPR” GI Perspective. What I wish my colleagues would know”, Voice, Swallow and Airway Conference, Singer Island, FL, 04/25/2009
 “Esophageal Considerations and Referral Guidelines”, Dysphagia in the Elderly: Choosing Effective Interventions to Ensure Positive Patient Outcomes, San Francisco, CA, 06/20/2009
 “Burger in the Bronchus: Diagnosis & Management of Transfer Dysphagia”, ACG’s 2009 Annual Scientific Meeting, San Diego, CA, 10/27/2009
 “Supraesophageal Reflux Challenges & Controversies” & GI Research Conference: “Reciprocal Physiology of the Gut & the Airway”, The University of New Mexico’s Internal Medicine Grand Rounds & GI Research Conference. Internal Medicine Grand Rounds:, Albuquerque, NM, 11/19/2009
 “Reflux Disease & Chronic Cough: A GI’s Perspective”, 18th Annual Dysphagia Research Society (DRS) Meeting, San Diego, CA, 03/04/2010
 Moderator “Gastroesophageal Reflux Disease Extra-Esophageal Manifestations”, Digestive Disease Week, New Orleans, LA, 04/02/2010
 “What is the Relationship between Acid & Extra-esophageal GERD”, Digestive Disease Week: State-of-the-Art Lecture, New Orleans, LA, 05/04/2010
 Grand Rounds Lecture: “Nocturnal Reflux: Complications, Diagnostic Challenges & Management”, The Medical Center of Central Georgia (MCCG), Macon, GA, 11/12/2010
 “Esophagus & Brain: A Close Relationship”, The Medical Center of Central Georgia (MCCG), Macon, GA, 11/12/2010
 Motility Breakout Session “Dysphagia Workup and Management”, Cedars Sinai GI Update, Los Angeles, CA, 03/18/2011
 “Supra-esophageal Dysphagia”, Cedars Sinai GI Update, Los Angeles, CA, 04/18/2011
 Moderator Esophageal, Gastric, and Intestinal Motility, Annual Neurogastroenterology and Motility Meeting, St. Louis, MO, 09/15/2011
 “Oropharyngeal”, 237. Annual Neurogastroenterology and Motility Meeting Postgraduate Course on Gastrointestinal Motility & Neurogastroenterology in Clinical Practice, St. Louis, MO, 09/16/2011
 State-of-the-Art Lecture: Diagnosis of GERD; what test to do next”, Digestive Disease Week, San Diego, CA, 05/22/2012

Moderator: Esophageal Pathophysiology: Better Understanding and Treatment of Dysphagia and Chest Pain, Digestive Disease Week, Orlando, FL, 05/19/2013

“Diagnosis and Evaluation of Oropharyngeal Dysphagia”, American Neurogastroenterology and Motility Society, Huntington Beach, CA, 09/20/2013

“Esophagus, Anatomy and Physiology”, Medical University of South Carolina Swallowing Conference, Charleston, SC, 10/11/2013

“Medical Management of the UES”, Dysphagia Research Society, Nashville, TN, 03/05/2014

“Dysphagia Intervention-Revolutionizing the Field Now and in the Future”, Dysphagia Research Society, Nashville, TN, 03/06/2014

“Restrictive and Permissive Disorders of UES in Dysphagia and Reflux Disease”, Grand Rounds, Indianapolis, IN, 03/23/2015

State-of-the-art: “New Mechanisms and Treatments for Oropharyngeal Dysphagia”, Digestive Disease Week, Washington, DC, 05/17/2015

“Effect of a Novel “Resistance Exercise Device”, Digestive Disease Week, Washington, DC, 05/17/2015

Breakfast with the Expert, Digestive Disease Week, Washington, DC, 05/17/2015

Meet the Mentors Breakfast, Dysphagia Research Society Conference, Tucson, AZ, 02/29/2016

Chair “Advances in Diagnosis and Management of Swallowing Disorders and Reflux”, University of California San Diego & International GI Motility and Function Working Group., San Diego, CA, 05/20/2016

Breakfast with the Expert. “Extraesophageal Reflux. Why the Confusion and What to Do?”, Digestive Disease Week, San Diego, CA, 05/23/2016

“Oropharyngeal Dysphagia: Differential Diagnosis and Optimal Therapy”, Digestive Disease Week, San Diego, CA, 05/24/2016

“Mechanisms of Airway Protection against Aspiration”, Grand Rounds. Kingsbrook Jewish Hospital, Washington DC, 06/03/2016

“Pathophysiology of Airway Protection against Aspiration in Restrictive and Permissive Disorders of the UES”, Visiting Professor. May Clinic, Minneapolis, MN, 07/28/2016

“Oropharyngeal Dysphagia: Diagnosis and Management”, Bluegrass Gut Club Dinner Presentation, Lexington, KY, 09/15/2016

“Restrictive and Permissive Disorders of the Upper Esophageal Sphincter: Implications for Aspiration”, Grand Rounds, Lexington, KY, 09/16/2016

“Oropharyngeal Dysphagia Current Diagnosis and Management”, Grand Rounds, New Orleans, LA, 12/14/2016

Early Investigator Session “Developing a Focused and Sustainable Research Program: The Experience of a Physician Scientist”, Dysphagia Research Society, Portland, OR, 03/01/2017

“Dr. Leder’s Contribution to the Dysphagia Journal”, Dysphagia Research Society. Tribute to Stephen Leder, Portland, OR, 03/02/2017

“A Single Combined Manometry and Perfusion Catheter for Studying the Upper Esophageal Sphincter Competency: UES Stress Test Catheter”, Digestive Disease Week, Washington DC, 06/03/2018

“Management of Extraesophageal Reflux Disease: What to do in 2018?”, Digestive Disease Week, Washington DC, 06/03/2018

“Physiology and Pathophysiology of Aspiration Prevention Mechanisms: Are We Failing to Recognize Them?”, Dysphagia Research Society, San Diego, CA, 03/06/2019

“Physiology of LPR”, American Foregut Society, Las Vegas, NV, 03/16/2019

“Reflux and Airway Disorders”, Esophageal Sensory and Motor Function & Dysfunction – Update 2019, San Diego, CA, 05/17/2019

State of the Art Summary: “Advances in the Management of GERD”, Digestive Disease Week, San Diego, CA, 05/18/2019

Moderator: Advances in the Management of GERD, Digestive Disease Week, San Diego, CA, 05/18/2019

“UES Dysfunction/Cricopharyngeal Bar”, American College of Gastroenterology Annual Scientific Meeting & Postgraduate Course, San Antonio, TX, 10/25/2019

“Oro Pharyngeal Dysphagia Pathogenesis”, Dysphagia Pathogenesis, Diagnosis & Management UCSD, San Diego, CA, 05/20/2022

“History of WDS”, San Francisco, CA, 3rd World Dysphagia Summit, 03/13/2023

Moderator “Introduction to Team Science & Transdisciplinary Approaches: How to Move our Field Forward”, DRS, San Francisco, CA, 03/14/2023

“Evolution of Deglutology as a Transdisciplinary Science A work in progress from observation to

pathophysiology-based intervention", Visiting Professor, Johns Hopkins, 10/16/2023
 "Introduction to Team Science & Transdisciplinary Approaches: How to Move our Field Forward", 3rd
 World Dysphagia Summit, San Francisco, CA, 03/13/2024
 "Tribute to Dr. Bronwyn Jones", DRS, San Francisco, CA, 03/15/2024

International

"Pharyngoesophageal Motility" and "Diagnostic and Therapeutic ERCP," University Hospital "St. Spiridon",
 2nd Medical Clinic Gastroenterology, Iasi Romania, 11/02/1992
 "Mechanisms of Airway Protection During Deglutition and Gastroesophageal Reflux", International
 Gastrointestinal Motility, Iasi, Romania, 05/04/1994 - 05/09/1994
 "Colonoscopic Polypectomy and Follow-up of Colon Polyp", Annual Meeting of Turkish Society of
 Colorectal Surgery, Belek-Antalya, Turkey, 09/09/1995 - 09/16/1995
 Workshop: "Nervous Regulation of Deglutition", XV International Symposium on Gastrointestinal Motility,
 Rome, Italy, 11/05/1995 - 11/09/1995
 "Management of Gastrointestinal Alterations in Degenerative Nervous Disease", International Symposium on
 NeuroGastroenterology, Rome, Italy, 11/10/1995 - 11/11/1995
 "Functional GI Disorders and GI Motility", GI Symposium and Workshop, Muscat, Oman, 01/10/1996 -
 01/11/1996
 "Mechanisms of Airway Protection", GI Medical/Surgical Meeting, Royal Adelaide Hospital, Adelaide,
 Australia, 02/26/1998
 "Extra Intestinal Manifestations of GERD", International Symposium on Different Aspects of
 Gastroesophageal Reflux Disease, Tel-Aviv, Israel, 04/26/1998
 "Supraesophageal Defense Mechanisms Against Aspiration", Second Meeting on Dysphagia, Curitiba,
 Brazil, 06/11/1998 - 06/13/1998
 "Protective Mechanisms Against Aspiration of Gastric Contents: Esophageal, Supraesophageal and
 Pulmonary", Second Meeting on Dysphagia, Curitiba, Brazil, 06/11/1998 - 06/13/1998
 "Glottal Adduction Response to Pharyngeal Water Stimulation and Effect of Cigarette Smoking: Evidence for
 a Pharyngoglottal Closure Reflex", Second Meeting on Dysphagia, Curitiba, Brazil, 06/11/1998 -
 06/13/1998
 "Effect of Volume, Viscosity, Temperature and Anesthesia on the Pharyngo-UES Contractile Reflex in
 Patients with Dysphagia Resulting from Neurologic Impairment and in Normal Subjects", Second
 Meeting on Dysphagia, Curitiba, Brazil, 06/11/1998 - 06/13/1998
 "Developing Clinical and Experimental Research in Swallowing Disorders: Challenges, Failures and
 Success", Second Meeting on Dysphagia, Curitiba, Brazil, 06/11/1998 - 06/13/1998
 "New Progress on GERD", Motility Symposium, Beijing, China, 10/12/1998
 Lecture on Motility, Postgraduate Course, Beijing Medical University, Beijing, China, 10/12/1998
 "New Progress on GERD", Motility Symposium, Wuhan, China, 10/13/1998
 "Complications of Reflux Disease", Motility Symposium, Chendu, China, 10/14/1998 - 10/15/1998
 "Diagnosis and Management of Reflux Disease", Motility Symposium, Xian, China, 10/16/1998
 "Dysphagia", XXIX Annual Meeting of the German Society for Endoscopy and Imaging, Munich, Germany,
 03/03/1999 - 03/06/1999
 "Clinical Approach to Oropharyngeal Dysphagia/ Videofluoroscopic Assessment of Oropharyngeal
 Swallowing", 7th Symposium on GI Motility, Cancun, Mexico, 03/19/1999 - 03/21/1999
 "Clinical Approach to Oropharyngeal Dysphagia", 7th Symposium on GI Motility, Cancun, Mexico,
 03/19/1999 - 03/21/1999
 "Prevention of Aspiration Pneumonia in Cerebrovascular Accident", United European Gastroenterology
 Week, ANEMGI Annual Meeting - Update on NeuroGastroenterology, Rome, Italy, 11/13/1999 -
 11/17/1999
 "Gastrointestinal Problems in Neurological Patients", United European Gastroenterology Week, ANEMGI
 Annual Meeting - Update on NeuroGastroenterology, Rome, Italy, 11/13/1999 - 11/17/1999
 "Unsedated Transnasal Upper GI Endoscopy (T-EGD): Technique & Clinical Experience", Postgraduate
 Course on Motility, First Hospital of Beijing, Beijing, China, 09/21/2000
 "Clinical Approach to Oropharyngeal Dysphagia/Videofluoroscopic Assessment of Oropharyngeal
 Swallowing", Postgraduate Course on Motility, First Hospital of Beijing, Beijing, China, 09/21/2000
 "Mutual Interactions between the Oesophagus and Aerodigestive Tract", 88th Session of the Indian Science
 Congress; Section of Physiology, New Delhi, India, 01/04/2001
 "Effect of Aging on Deglutition and Airway Protection Mechanism Against Aspiration", 88th Session of the

Indian Science Congress; Section of Physiology, New Delhi, India, 01/06/2001

"Unsedated Transnasal Endoscopy," Oropharyngeal Dysphagia", Royal Hospital of Oman, Muscat, Oman, 01/14/2002 - 01/17/2002

"Non-Cardiac Chest Pain", Royal Hospital of Oman, Muscat, Oman, 01/14/2002 - 01/17/2002

"Nighttime GERD", Symposium: Defining the Matrix of the Mucosa – Questions, Solutions and Directions in Gastroenterology, Capetown, South Africa, 11/20/2003 - 12/06/2003

"Brain-Gut Axis", 2nd Hospital of Xi'an Jiaotong University, Xi'an, China, 07/13/2004

"Diagnosis & Treatment of Supraesophageal Complications of Reflux Disease", Peking University First Hospital, Beijing, China, 07/15/2004

"Cortical Response to Esophageal Acid Exposure: The Heartburn Story", Peking University First Hospital, Beijing, China, 07/16/2004

"Nighttime GERD: An Unappreciated Clinical Problem", Peking University First Hospital, Beijing, China, 07/19/2004

"UES Physiology and Pathophysiology", Japanese Society for Dysphagia Rehabilitation Meeting, Niigata, Japan, 09/04/2004 - 09/12/2004

"UES Physiology and Pathophysiology", Heartful Hosp., Osaka and Fujita Health Univ, Aichi, Japan, 09/04/2004 - 09/12/2004

"Esophageal Sensory Innervation: The Cerebral Cortex", Dysphagia Research Society Annual Meeting, Montreal, Canada, 10/13/2004 - 10/16/2004

"Extra-Esophageal Manifestations of GERD", From Gastrin to GERD: A Century of Acid Suppression Symposium, London, England, 04/08/2005 - 04/09/2005

"Supraesophageal GERD", Japan International Gastrointestinal Motility Society, Tokyo, Japan, 05/24/2005 - 05/29/2005

"Esophago-Cortical Connection & Brain Imaging", Peking University First Hospital 90th Anniversary Celebration/Medical Seminar, Beijing, China, 06/09/2005 - 06/15/2005

"Gastroesophageal Reflux Disease (GERD): Expanding Complications, Diagnosis and Management", Peking University First Hospital 90th Anniversary Celebration/Medical Seminar, Beijing, China, 06/09/2005 - 06/14/2005

"Is Oro-Pharyngeal Dysphagia a Good Indication for Naso-Endoscopy?", OESO 8th World Congress, Avignon, France, 09/03/2006 - 09/06/2006

"How Should We Measure Esophago-Pharyngeal Regurgitation, pH, Impedance, Other?", OESO 8th World Congress, Avignon, France, 09/03/2006 - 09/06/2006

"Unconventional Theories That Might Explain the Entity Known as NCCP", OESO 8th World Congress, Avignon, France, 09/03/2006 - 09/06/2006

"Where in the Cerebral Cortex is Esophagus Represented?", OESO 8th World Congress, Avignon, France, 09/03/2006 - 09/06/2006

"What Your CNS Knows and You Do Not May Hurt You", GERD: Protean Symptoms and Proton Solutions, Whistler, British Columbia, Canada, 09/14/2006 - 09/16/2006

Team Approach to Treatment of Dysphagia", Dysphagia Research Society Annual Meeting, Vancouver, British Columbia, Canada, 03/07/2007 - 03/09/2007

"What Does the Speech Pathologist Need to Know About the Esophagus?", Dysphagia Research Society Annual Meeting, Vancouver, British Columbia, Canada, 03/07/2007 - 03/09/2007

"Extraesophageal Reflux Diseases: Diagnosis & Management", Gastroenterological Society of Singapore & Chapter of Gastroenterologists, College of Physicians, Singapore – Extraesophageal Reflux Disease Seminar, Singapore, 04/12/2007

"Nighttime Heartburn: A Nightmare for Millions", Malaysian Society of Gastroenterology & Hepatology and Faculty of Medicine, University of Malaysia, Kuala Lumpur, Malaysia, 04/14/2007

"Transnasal Endoscopy: Technique, Applications and Utility", Endoscopy 2007 Annual Workshop, Kuala Lumpur, Malaysia, 04/15/2007

"The Symptom Pattern of NERD is Predictive of Progression to eGERD", NERD Task Force, Vevey, Switzerland, 12/03/2007

"The Mechanisms of Esophago-Pharyngeal Regurgitation and Aspiration", OESO 9th World Congress, Monaco, 04/06/2008 - 04/10/2008

"Reciprocal Physiology of Esophagus and Airway", OESO 9th World Congress, Monaco, 04/06/2008 - 04/10/2008

"New Concepts in the Diagnosis and Treatment of the Oropharyngeal Dysphagia", Congreso Argentino de Gastroenterología y Endoscopia Digestiva ~ Gastro 2008, Buenos Aires, Argentina, 08/01/2008

“New Concepts in the Diagnosis and Treatment of the Eosinophilic Esophagitis”, Congreso Argentino de Gastroenterología y Endoscopia Digestiva ~ Gastro 2008., Buenos Aires, Argentina, 08/02/2008
 “Brain Images Related to the Esophageal Disease”, Congreso Argentino de Gastroenterología y Endoscopia Digestiva ~ Gastro 2008., Buenos Aires, Argentina, 08/03/2008
 “The Oropharynx and Reflux”, Neurogastroenterology and Motility Joint International Meeting, Lucerne, Switzerland, 11/07/2008
 “Reflux and Obstructive Sleep-Apnea”, Is Reflux Bad for the Lungs? Symposium, Brussels, Belgium, 01/24/2009
 “Esophageal Considerations & Referral Guidelines”, Dysphagia in the Elderly: Northern Speech Services Seminar, Toronto, Canada, 03/27/2010
 “Panel Discussion: Cutting Edge Sensory and Motor Interventions”, Dysphagia Research Society, Toronto, Canada, 03/07/2012
 “A Global Evolution: Past, Present and Future of the Dysphagia Research Society”, Dysphagia Research Society, Toronto, Canada, 03/09/2012
 “What is known about the cortical perception of refluxed acid in healthy subjects and those with heartburn of GERD?”, OESO 11th World Congress, Como, Italy, 09/02/2012
 “What is known about the cortical perception of refluxed acid in healthy subjects and those with heartburn of GERD?”, OESO 11th World Congress, Como, Italy, 09/02/2012
 “Is a vagally mediated reflex involved in the development of cough?”, OESO 11th World Congress, Como, Italy, 09/03/2012
 “Is a vagally mediated reflex involved in the development of cough?”, OESO 11th World Congress, Como, Italy, 09/03/2012
 “What is the evidence for airway protective role of aero-digestive reflexes in preventing aspiration?”, OESO 11th World Congress, Como, Italy, 09/03/2012
 “What criteria define abnormal pH measurements above the UES?”, OESO 11th World Congress, Como, Italy, 09/03/2012
 “How does the UES open in the absence of supra-hyoid muscle function?”, OESO 11th World Congress, Como, Italy, 09/04/2012
 “Swallowing brain network in health and disease”, Neurogastroenterology and Motility Conference, Bologna, Italy, 09/07/2012
 “What the dysphagologist needs to know”, 3rd Congress of the European Society for Swallowing Disorders, Malmo, Sweden, 09/12/2013
 “Effect of gaining on the airway protective mechanisms”, 3rd Congress of the European Society for Swallowing Disorders., Malmo, Sweden, 09/13/2013
 “GERD-induced esophageal dysphagia”, 3rd Congress of the European Society for Swallowing Disorders., Malmo, Sweden, 09/14/2013
 “UES a Friend: How Can We Manage its Dysfunction Medically”, 3rd Congress of the European Society for Swallowing Disorders, Malmo, Sweden, 09/14/2013
 “Esophogology for the Dysphagologist”, Congress of Swallowing Disorders, Ankara, Turkey, 12/06/2013
 “UES Friend or Foe”, Congress of Swallowing Disorders, Ankara, Turkey, 12/06/2013
 “Clinical Management of Oropharyngeal Dysphagia”, International GI Motility and Function Working Group, Ascona, Switzerland, 04/19/2015 - 04/25/2015
 “Efficacy of a Novel UES Assist Device in the Management of Supra-esophageal Complications”, OESO, Monaco, 09/02/2015
 “Swallowing Mechanism-Oropharyngeal Phase”, Biologics, Motility and More, Kochi, India, 09/03/2016
 “Etiology and Management of Oropharyngeal Dysphagia”, Keynote Speaker. Biologics, Motility and More, Kochi, India, 09/03/2016
 “Research and Progress Regarding Cricopharyngeal "Achalasia", 5th China Dysphagia Summit Forum, Guangzhou, China, 05/05/2017
 “Normal Anatomy and Physiology of Deglutition”, Visiting Professor, 09/23/2017 - 09/29/2017
 “Pathophysiology of Deglutition”, Visiting Professor, Brussels, Belgium, 09/23/2017 - 09/29/2017
 “Approach to Improving the UES Function in Dysphagia and Supraesophageal Reflux Disease”, Peking University International Forum on GI Motility, Beijing, China, 10/14/2017
 “How to Improve its Function in Dysphagia and Reflux Patients”, 41st Annual Meeting of the Society of Swallowing and Dysphagia, Aichi, Japan, 02/08/2018
 “Approach to Improving the UES Function in Dysphagia and Supra-esophageal Reflux Disease”, Fortis GI Summit, India, 02/09/2019

"Normal Anatomy and Physiology of Deglutition", Visiting Professor KU Leuven, Brussels, Belgium,
 04/24/2019 - 04/25/2019
 "Esophageal Disorders in the Elderly", World Dysphagia Summit, Virtual, Japan, 08/21/2021
 "Normal Anatomy and Physiology of Deglutition", Visiting Professor, Virtual, Brussels, Belgium,
 05/05/2022
 "A Team Science Approach to Dysphagia Research; Overcoming the Disciplinary Limitations", World
 Dysphagia Summit & JSDR, Plenary Lecture, Virtual, Japan, 08/20/2022
 "Deglutology: connections within the field of dysphagia: where do we come from and where we need to go",
 ESSD, Virtual, Brussels, Belgium, 09/16/2022
 "Esophageal dysphagia. Pathophysiological aspects and treatments", Dysphagia 2022, Pavia, Italy,
 09/22/2022
 Lectio Matistralis, "Esophageal dysphagia. Pathophysiological aspects and treatments", Dysphagia, Pavia,
 Italy, 09/22/2022
 "Deglutition and its Disorders in Adult Population", Visiting Professor, Virtual, KU Leuven Belgium,
 04/2023
 "Upper esophageal sphincter (UES) function and dysfunction during swallowing and reflux; An update on
 Diagnosis and management", Romanian National Congress of GI & Hepatology, Iasi, Romania,
 06/09/2023
 "Some Experiences and Opinions in Dysphagia Research ", JSDR 29th Annual Meeting, Tokyo, Japan,
 09/02/2023
 "Swallowing Resistance Exercise Using Swallow Strength Training Exercise Device", JSDR 29th Annual
 Meeting, Tokyo, Japan, 09/03/2023
 "Talk Dual Function of the UES and Esophagus", 5th International Dysphagia Symposium, Fujita Health
 University, Fujita, Japan, 09/05/2023

COMMITTEE SERVICE:

Medical College of Wisconsin

1996 Affiliated Hospital Program Director's Committee
 1996 - Present Department of Medicine Executive Committee
 1997 Pathology Intramural Review Committee
 1997 Pathology Intramural Review Committee
 1999 Residency Curriculum Committee
 1999 Intramural Review Committee for Medical Scientist Training Program
 1999 Department of Medicine Faculty Development Committee
 2000 - Present Business Development Committee
 2002 - Present Chair, Executive Committee, Clinical and Translational Science Institute of SE WI
 2010 - Present Member, Board of Directors, Clinical and Translational Science Institute of Southeast
 Wisconsin
 2015 - Present Member, Cancer Center Executive Committee
 2017 - Present LCME Self-Study Task Force
 2017 - Present CVS Internal Scientific Advisory Board Committee
 2018 SOM Strategic Planning Committee
 2019 Internal Advisory Board, Center for Disease Prevention Medical College of Wisconsin
 2020 - 2023 Member, Academic Committee
 2021 - Present Research Strategic Planning Committee

Hospital

1996 - Present Hospital Advisory Committee
 1999 NEWCO, FMLH/Covenant Physician Steering Committee

MEDICAL COLLEGE TEACHING ACTIVITIES:

Medical Student Education

1988 - Present Attending Physician, Senior Medical Students: Gastroenterology Consulting Service
 1988 - Present Preceptor, Sophomore Clinical Examination Course
 1988 - Present Preceptor, Junior Syllabus

2000 - 2003 Preceptor, Physiology Course, GI Section
2003 - 2008 Preceptor, Sophomore Pathology Course

Resident and Fellow Education

1988 - Present Attending Physician, GI Fellows, Gastroenterology
1988 - Present Attending Physician, Medical Residents, Gastroenterology Consulting Service
11/01/1993 - 11/30/1993 Preceptor, Geriatric Fellowship Training Program, "Swallowing & Aging"

EXTRAMURAL TEACHING:

Medical Student Education

1988 - 1993 Attending Physician, Junior and Senior Medical Students: General Medicine Service, VA Medical Center

Resident and Fellow Education

1988 - 1990 VAMC, Attending Physician, Medical Residents, General Medicine Service

MCW STUDENTS, FACULTY, RESIDENTS AND CLINICAL/RESEARCH FELLOWS MENTORED:

Faculty

Kristine Spinelli, M.D., Medical College of Wisconsin, 2001 - 2002 MCW Junior Faculty Mentor Program
Michelle Battle, PhD, Medical College of Wisconsin, 04/2016 - Present Research Mentoring Program
Katja Kovacic, M.D., Medical College of Wisconsin, 05/2017 - Present Research Fellow
Karlo Kovacic, M.D., Medical College of Wisconsin, 07/2020 - Present Research Fellow

EXTRAMURAL STUDENTS, FACULTY, RESIDENTS, AND CLINICAL/RESEARCH FELLOWS MENTORED:

Postdoctoral Students

Dilpesh Agrawal, M.D., 07/2016 - 07/2019 Postdoctoral Fellow

Clinical/Research Fellows

Sherry Li, M.D., Pathology & Laboratory Medicine Lehigh Valley Hospital, Allentown, PA, 09/1990 - 12/1991 Research Fellow
Jianmin Liu, M.D., Project Scientist, VA Medical Research Foundation-San Diego, CA, 06/1992 - 06/1993 Research Fellow
Anca Trifan, M.D., Univ Hosp "St. Spiridon", Isia, Romania, 06/1993 - 06/1994 Research Fellow
Kia Saeian, M.D., Professor, Medical College of Wisconsin, 07/1994 - 06/1996 Research Fellow
Pengyan Xie, M.D., Vice Chairman, Division of Gastroenterology, Peking University, First Hospital-Beijing, 03/1995 - 06/1997 Research Fellow
Eytan Bardan, M.D., University of Tel Aviv, Israel. Deputy Director GI Division, Director, GI Motility Laboratory, Chaim Sheba Medical Center, 07/1995 - 06/1997 Research Fellow
Seckin Ulualp, M.D., Director, Div. of Pediatric Otolaryngology, Univ of Texas Medical Branch, Galveston, TX, 08/1996 - 07/1998 Research Fellow
Muhammad Aslam, M.D., Associate Professor Department of Medicine, Vanderbilt University Medical Center, Nashville, TN., 07/1997 - 07/1998 Research Fellow
Silvia Torrico, M.D., University of Rome. Rome, Italy., 07/1997 - 07/1999 Research Fellow
Subra Kugathasan, M.D., Scientific Director, Children's Healthcare of Atlanta Combined Center for Pediatric Inflammatory Bowel Disease, 07/1999 - 06/2002 Research Fellow
Chengming Gu, M.D., Peking Union Medical Univ Hospital, Beijing, China. Medical Consultant, Marketing Dept. Xian-Janssen Pharmaceutical, Beijing, China., 07/1999 - 06/2000 Research Fellow
Devang Prajapati, M.D., Assistant Clinical Professor of Medicine UCSF Toronto, Canada, 07/1999 - 06/2002 Research Fellow
Jun Zhang, M.D., Second Affiliated Hospital, Xian Medical University, Xian, China. Professor and Vice President. Second Affiliated Hospital, 04/2000 - 06/2000 Research Fellow
Ji Xiang Zhang, M.D., Professor and Vice President Gastroenterology, Second Affiliated Hospital of Xi'an Jiaotong University, 2000 - 2004 Research Fellow

Sudarshan R. Jadcherla, M.D., Assoc. Professor of Pediatrics-Neonatology, Ohio State Univ. School of Medicine, Children's Hospital of Ohio, Newborn Intensive Care Unit, 2000 - 2002 Research Fellow - MCW Clinical Research Scholars Program

Tan Attila, M.D., Anadalu Medica Center, Turkey, 07/2001 - 06/2004 Research Fellow

Osamu Kawamura, M.D., Professor of Medicine, Dept. of Medicine and Molecular Science, Gunma University School of Medicine, Gunma, Japan, 10/2001 - 04/2004 Research Fellow

Adrian Miranda, M.D., Associate Professor, Medical College of Wisconsin, 2001 - 2004 Research Fellow

Samer Gawrieh, M.D., Indiana University, 2001 - 2004 Research Fellow

Jasmohan Bajaj, M.D., McGuire VA Medical Center Richmond, VA, 2002 - 2005 Research Fellow

Rajesh Santharam, M.D., GI Training Program Director, St. Joseph's Hospital, Milwaukee, WI, 2002 - 2005 Research Fellow

Adeyemi Lawal, M.D., 07/2003 - 06/2005 NIH Research Fellow

Riead Haj Amreir, M.D., Kuwaiti Ministry of Health, Alfintas, Kuwait, 08/2003 - 09/2001 Research Fellow

Jianxiang Liu, M.D., First Hospital, Peking University, Beijing, China, 10/2003 - 09/2004 Research Fellow

Arthi Sanjeevi, M.D., Assistant Professor University South Florida, Tampa, FL, 2003 - 2006 Research Fellow

Shailesh Bajaj, M.D., Clinical Assistant Professor, Northshore University Health System Highland Park, IL, 2003 - 2006 Research Fellow

Cherian Abraham, M.D., Digestive Health Associates, North Richland Hills, TX, 2003 - 2006 Research Fellow

Venelin Kounev, M.D., 07/2004 - 06/2006 NIH Research Fellow

David Knuff, M.D., 07/2004 - 06/2006 NIH Research Fellow

Lilani Perera, M.D., 07/2005 - 06/2007 NIH Research Fellow

Krisna Chai, M.D., 07/2005 - 06/2007 NIH Research Fellow

Yue Zheng, Peking University, First Hospital-Beijing, China, 01/2006 - 12/2007 Research Fellow

Rachel Mepani, M.D., 07/2006 - 06/2008 NIH Research Fellow

Stephen Antonik, M.D., 07/2006 - 06/2008 NIH Research Fellow

Shiko Kuribayashi, Dept of Medicine and Molecular Science, Gunma University, Maebashi, Japan, 07/2006 - 06/2009 Research Fellow

Anna Patel, M.D., 07/2006 - 06/2013 NIH Research Fellow

Sri Naveen Surapaneni, M.D., 07/2007 - 08/2009 NIH Research Fellow

Jonathan Huang, D.O., 07/2007 - 08/2009 NIH Research Fellow

Arash Babaei, M.D., 09/2008 - 08/2010 NIH Research Fellow

Manuel Amaris, M.D., 09/2008 - 08/2010 NIH Research Fellow

Sohrab Rahimi Naini, M.D., Virginia Medical Center, Richmond, VA, 07/2009 - 08/2012 Research Fellow

Erica Samuel, M.D., 09/2009 - 06/2012 NIH Research Fellow

Robert Siwiec, M.D., 09/2009 - 08/2011 NIH Research Fellow

Tarun Sharma, M.D., 07/2011 - 06/2014

Patrick Sanvanson, M.D., 07/2011 - 06/2014 NIH Research Fellow

Orestis Lyros, M.D., Johannes Gutenberg, University Hospital of Mainz, Germany, 2011 - 2013 Postdoctoral Research Fellow

Mei Ling, M.D., 07/2012 - 07/2015 NIH Research Fellow

Gokul Balasubramanian, M.D., OSU Comprehensive Cancer Center/The James Cancer Hospital, 07/2014 - 07/2016 Postdoctoral Fellow

Francis Edeani, M.D., 07/2016 - 07/2020 NIH Research Fellow

Shaina Lynch, D.O., 08/2017 - 07/2021 NIH Research Fellow

Karlo Kovacic, M.D., 10/2017 - 09/2019 NIH Research Fellow

Krupa Patel, M.D., 06/2019 - 05/2022 NIH Research Fellow

Elliot Yu, M.D., 06/2020 - Present NIH Research Fellow

Hamza Hassan, MD, 06/2022 - Present Research Fellow

PATENT AND COPYRIGHTS:

2004 Manometry Apparatus for Measuring Esophageal Sphincter Compliance PCT US2001/0053920

2007 Shaker Exercise method and instruction video a Tutorial

2011 Detection and treatment of abnormal upper esophageal sphincter functionality PCT/US2011/035050

2014 External Cricoid Compression Pressure Device to Prevent Gastric Aspiration PCT/US14/38060
 2015 Reza Band <https://www.rezaband.com/>
 2017 Swallow Exerciser PCT/US15/44634
 2019 Continence Training Exercise Device (C-TED)

BIBLIOGRAPHY

Refereed Journal Publications/Original Papers

1. Borra S, **Shaker R**, Kleinfeld M. Hyperkalemia in an adult hospitalized population. *Mt. Sinai J of Med* 55(3):226-229, 1988. PMID: 3260990
2. Kahrilas PJ, Dodds WJ, Dent J, Logemann JA, **Shaker R**. Upper esophageal sphincter function during deglutition. *Gastroenterology* 95:52-62, 1988. PMID: 3371625
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