

CURRICULUM VITAE

Kulwinder S. Dua MD

Professor
Department of Medicine
Division of Gastroenterology

OFFICE ADDRESS:

The Hub for Collaborative Medicine
8701 Watertown Plank Road
Milwaukee, WI 53226
Phone: 414-456-6825
Fax: 414-955-6214
Email: kdua@mcw.edu

EDUCATION:

1969 - 1971 All India Higher Secondary Education, Delhi, India
1972 B.Sc. I, Institute of Science, Nagpur University, Nagpur, India
1972 - 1976 M.B.B.S. (M.D.), Nagpur University, Nagpur, India

POSTGRADUATE TRAINING AND FELLOWSHIP APPOINTMENTS:

1976 - 1977 Rotating Internship, Nagpur University, India
1978 - 1979 Resident House Officer, Internal Medicine, Nagpur University, India
1979 - 1981 Registrar, Internal Medicine, Nagpur University, India
1981 - 1982 Senior House Officer, Internal Medicine and Psychiatry, Royal Northern Infirmary and Cherry Knowle Hospital, United Kingdom
1982 - 1983 Senior House Officer, Internal Medicine, Aberdeen University and Humberside University, United Kingdom
1983 - 1984 Registrar, Internal Medicine, Aberdeen University, United Kingdom
1984 - 1987 Specialty Registrar, Internal Medicine/Gastroenterology, Aberdeen University, United Kingdom
1989 Advanced therapeutic E.R.C.P., Academic Medical Center, Amsterdam, Holland
1992 Advanced therapeutic E.R.C.P., Fujigaoka Showa University, Yokohama, Japan

FACULTY APPOINTMENTS:

1981 Lecturer, Internal Medicine, Nagpur University, India
1984 - 1987 Tutor, Medicine, Gastroenterology, Aberdeen University, United Kingdom
1987 - 1992 Senior Specialist, Medicine, Gastroenterology, Ministry of Health, Sultanate of Oman
1992 - 1994 Instructor, Medicine, Gastroenterology, Medical College of Wisconsin, Milwaukee, WI
1994 - 1999 Assistant Professor, Medicine, Gastroenterology, Medical College of Wisconsin, Milwaukee, WI
1999 - 2007 Associate Professor, Medicine, Gastroenterology, Medical College of Wisconsin, Milwaukee, WI
2007 - Present Professor of Medicine, Medicine, Gastroenterology, Medical College of Wisconsin, Milwaukee, WI
2014 - Present Professor of Pediatrics, Gastroenterology, Children's Hospital of Wisconsin, Milwaukee, WI

ADMINISTRATIVE APPOINTMENTS:

1996 - 1999 Director, Diagnostic and Therapeutic Endoscopy, Clement J. Zablocki VA Medical Center, Milwaukee, WI
1998 - Present Chief, Gastroenterology, Clement J. Zablocki VA Medical Center, Milwaukee, WI
1998 - Present GME GI Fellowship Director, Clement J. Zablocki VA Medical Center, Milwaukee, WI
1999 - Present Director, Pancreatico-biliary Center, Digestive Disease Center, Medical College of Wisconsin,

Milwaukee, WI
 1999 - 2004 Director, Diagnostic & Therapeutic Endoscopy, Froedtert Hospital, Milwaukee, WI
 2004 - Present Co-Director, Diagnostic & Therapeutic Endoscopy, Froedtert Hospital, Milwaukee, WI
 2008 Director, FYF Endoscopy Course, Midwest Region, ASGE
 2009 - Present Associate Director, Fellowship Program, Gastroenterology & Hepatology, Medical College of Wisconsin, Milwaukee, WI
 2009 - Present Program Director, Fellowship Program, Gastroenterology & Hepatology, Medical College of Wisconsin, Milwaukee, WI
 2010 - Present Councilor, Dysphagia Research Society (DRS)
 2010 Director, FYF Endoscopy Course, Midwest Region, ASGE
 2011 Committee Chair, World Congress on Diseases of the Esophagus, OESO, Como, Italy
 2012 Director, Midwest Therapeutic Endoscopy Course
 2012 - 2013 Secretary-Treasurer, International Dysphagia Research Society
 2012 - 2013 Secretary-Treasurer, Milwaukee GI Society, Milwaukee, WI
 2012 - Present International Committee of the American Society of Gastrointestinal Endoscopy (ASGE)
 2012 - Present President, Midwest Endoscopy Group
 2014 - Present Global Health Advisory Council, Medical College of Wisconsin, Milwaukee, WI
 2014 - 2015 President, International Dysphagia Research Society
 2015 - Present Faculty Appointment and Promotions Advisory Committee, Medicine, Medical College of Wisconsin, Milwaukee, WI
 2015 ASGE Expert Consultant
 2015 - Present President, Milwaukee GI Society, Milwaukee, WI
 2017 - Present President, Midwest Endoscopy Society

HOSPITAL AND CLINICAL ADMINISTRATIVE APPOINTMENTS:

1980 - 1981 Attending Staff, Medical College and Hospital, Nagpur, India
 1987 - 1992 Senior Specialist, Gastroenterology, Royal Hospital, Muscat, Sultanate of Oman
 1992 - Present Faculty, Gastroenterology, Zablocki VA Medical Center, Milwaukee, WI
 1992 - Present Faculty, Froedtert Hospital, Milwaukee, WI
 08/2002 - Present Faculty, Children's Hospital of Wisconsin, Milwaukee, WI

HOSPITAL STAFF PRIVILEGES:

1992 - Present Zablocki V. A. Medical Center, 5000 W. National Ave, Milwaukee, WI 53295
 1992 - Present Froedtert Hospital, 9200 W. Wisconsin Ave, Milwaukee, WI 53226
 2002 - Present Children's Hospital of Wisconsin, 9000 W. Wisconsin Ave, Milwaukee, WI 53226

SPECIALTY BOARDS AND CERTIFICATION:

<u>Board Certified</u>	<u>Issue Date</u>	<u>Expiration</u>
Royal College of Physicians, Internal Medicine, United Kingdom	1987	None
DNB Diplomate of the National Board in Gastroenterology, India	1988	None
American Board of Internal Medicine	1996	None
ABIM – Gastroenterology	2007	2027

<u>Certificates</u>	<u>Issued By</u>	<u>Issue Date</u>	<u>Expiration</u>
ACLS	AHA	03/1997	None

<u>Licensure</u>	<u>Number</u>	<u>Issue Date</u>	<u>Expiration</u>
India		1980	None
United Kingdom		1984	None

Wisconsin State License	33718-20	09/24/1992	10/31/2021
Michigan State License	4301080935	09/19/2002	01/31/2021

AWARDS AND HONORS:

- 1971 National Science Talent Search Award
- 1972 President of India Award, Invention Promotion Board
- 1972 Dr. C.V. Raman Science Award
- 1977 Prince of Wales Research Award
- 1977 M.P. Ophthalmic Surgeon Award
- 1986 S. Miller Gastroenterology Award
- 1994 Academy of Medical Science Award
- 1995 B.J. Vakil Memorial Gold Medal, Society of Gastrointestinal Endoscopy of India
- 1999 Poster of Distinction (Anti-reflux Esophageal Stent), Gastrointestinal Endoscopy of India
- 1999 Magna Cum Laude award (Making sense of mucin-producing tumors), 85th Scientific Assembly of the Radiology Society of North America
- 2000 Clinical Scholar, Medical College of Wisconsin
- 2000 Teaching Award, American Academy of Family Physicians
- 2001 Patient Safety, Quality and Performance Improvement, Clement J. Zablocki Veterans Affairs Medical Center
- 2001 Poona Oration Gold Medal, Society of Gastrointestinal Endoscopy of India
- 2002 - Present America's Best Doctors
- 2004 Master of Endoscopy , American Society of Gastrointestinal Endoscopy for expertise and longitudinal contribution to GI endoscopy
- 2004 Poster of Distinction, AGA
- 2004 AdQ Award, Cooks Medical
- 2005 U.S. Patent Medal for the Anti-reflux Valve
- 2010 President's Award, AAPI, presented by the Mayor of Maryland
- 2011 Honor a Doctor recognition award, during US National Doctor's Day
- 2011 - Present American Society of Gastrointestinal Endoscopy Ambassador, Ecuador
- 2013 American Society of Gastrointestinal Endoscopy Ambassador, Cuenca
- 2016 Translational Science Award, Clinical and Translational Science Institute of Wisconsin, U.S.A
- 2017 Inaugural Distinguished Lecture at WHO, OESO
- 2017 U.S.A. Healthcare Hero Award, Biz-Time
- 2017 Indian Academy of Science Award
- 2018 Distinguished Solly Mark Lecture, South Africa Gastroenterology and Endoscopy Society

MEMBERSHIPS IN HONORARY AND PROFESSIONAL SOCIETIES:

- 1984 Royal College of Physicians of Edinburgh (Member)
- 1984 Royal College of Physicians of London (Member)
- 1988 Indian Society of Gastroenterology (Member)
- 1988 Indian Medical Association (Member)
- 1990 Indian Academy of Medical Specialists (Gastroenterology) (Fellow)
- 1992 Japan Gastroenterological Endoscopy Society (Member)
- 1993 American Society for Gastrointestinal Endoscopy (Member)
- 1993 American College of Gastroenterology (Member)
- 1993 American Gastroenterological Association (Member)
- 1994 Dysphagia Research Society (Member)
- 1995 Midwest Pancreatico-biliary Club (Member)
- 1995 Milwaukee Gastroenterological Society (Member)
- 1996 Midwest Gut Club (Member)
- 1998 Royal College of Physicians of Edinburgh, U.K. (Fellow)
- 1998 American College of Physicians (Fellow)
- 2004 Royal College of Physicians of London, U.K. (Fellow)

RESEARCH GRANTS/AWARDS/CONTRACTS/PROJECTS:

Active**Peer Review**

Title: Clinical and Translational Science Award
Source: NIH/NCRR UL1TR001436
Role: Research Mentor
PI: Reza Shaker
Dates: 07/01/2015 - 06/30/2020

Non-Peer Review

Title: Clinical Investigation to Evaluate Removal of the Evolution Esophageal Stent-Fully Covered
Source: Clarity Ongoing~ Enrolling
Role: Principal Investigator
Dates: 07/16/2013 - Present

Title: Prospective, Multicenter, Single Blind, Randomized Study Comparing the EndoMAXX EVT Fully Covered Esophageal Stent with Valve to the EndoMAXX Fully Covered Esophageal Stent for Malignant Strictures Requiring Stent Placement Across the Gastroesophageal Junction
Source: EVOLVE Ongoing~Enrolling
Role: Principal Investigator
Dates: 08/25/2014 - Present

Title: Randomized Control Trial- Pancreatic Cancer

Prior**Peer Review**

Title: Electrocardiographic changes in chronic obstructive airway diseases
Source: 25. Council of Industrial and Scientific Research Grant, Delhi, India
Role: Principal Investigator
PI: Self
Dates: 1979 - 1981

Title: Upper esophageal sphincter opening and trans-sphincteric flow
Source: NIH 5 R01 DC00669-04
Role: Co-Principal Investigator
Dates: 04/1995 - 05/1999

Title: Effect of acute and chronic smoking on the airway protective reflexes against aspiration
Source: Institutional Research Grant, 25023
Role: Principal Investigator
PI: Self
Dates: 05/1996

Title: Effect of acute and chronic cigarette smoking on airway protective mechanisms
Source: VA Merit Entry Program grant
Role: Principal investigator
PI: Self
Dates: 1998 - 2001

Title: Evaluation of self-expandable metal esophageal endo-prosthesis with anti-reflux mechanism in dogs
Source: ARC
Role: Principal investigator
PI: Self
Dates: 1998

Title: Program Project: Airway protection against aspiration of gastric contents
Source: NIH No. PO1 DC03191
Role: Co-investigator
Dates: 04/01/1999 - 03/31/2003

Title: Laryngeal complications in animal models with chronic gastroesophageal reflux
Source: ARC
Role: Principal investigator
PI: Self
Dates: 1999

Title: Gastroenterology Research Training Grant
Source: NIH/NIDDK IT32 DK 61923-01
Role: Co-investigator
Dates: 09/01/2002 - 06/30/2013

Title: To train and prepare interested fellows for a research career in academic gastroenterology
Source: NIH/NIDDK IT32 DK Gastroenterology Training Grant
Dates: 09/01/2002 - 08/31/2007

Title: Esophageal Motor Function in Health and Disease
Source: NIH/NIDDK 5 R01 DK25731
Role: Co-investigator
Dates: 07/01/2005 - 08/31/2013

Title: Esophageal Motor Function in Health and Disease
Source: NIH Grant # R01-DK25731
Role: Co-Investigator
Dates: 07/01/2005 - 06/30/2010

Title: Mechanism of upper gut and airway interaction

Source: NIH/NIDDK Program Project
1P01DK068051-01A1

Role: Co-Investigator

Dates: 2007 - 2018

Title: Randomized Control Trial Comparing Covered and Uncovered Biliary Self Expanding metal stents (SEMS) for Pre-operative Drainage During Neoadjuvant Therapy in Patients with Pancreatic Cancer

Source: Boston Scientific

Role: Center Principal Investigator

Dates: 01/27/2015 - 2018

Title: Self-expanding Esophageal Plastic Stents for Benign Esophageal Strictures

Source: Boston Scientific Research Grant

Role: Principal Investigator

PI: Self

Title: Effect of acute and chronic cigarette smoking on the airway protective mechanisms against aspiration of gastric contents

Source: NIH/GCRC, HRRC 314-96

Role: Principal Investigator

PI: Self

Title: Coordination of deglutition with respiration

Source: HRRC 43-91

Role: Co-Principal Investigator

Title: The effect of pancreatic duct stent placement on pain due to chronic pancreatitis: a prospective randomized placebo controlled trial

Source: HRRC 28-90

Role: Co-Principal Investigator

Title: Frequency of gastroesophageal reflux in health and diseases

Source: HRRC 42-91

Role: Co-Principal Investigator

Title: VA Merit Review; VA #7866-01PR: Pharyngeal Motor Function in Health and Disease

Source: HRRC 26-89

Role: Co-Principal Investigator

Title: A randomized, double-blind, placebo-controlled multicenter study to assess the efficacy, safety and tolerability of tegaserod 2 mg bid and 6 mg bid given orally vs placebo in patients with chronic

Source: constipation
CHTF919 E2302; 2001
Role: Principal Investigator
PI: Self

Title: 19. Glaxo: Pharyngeal acid reflux in
patients with benign lesions of the
aerodigestive tract
Role: Co-Principal Investigator

Title: Evaluation of the tannenbaun (teflon)
biliary endoprosthesis versus
conventional (polyethylene)
endoprosthesis for the treatment of
benign, non-hilar biliary strictures: a
prospective trial
Source: HRRC 161-97
Role: Principal investigator
PI: Self

Title: Mapping of cerebral cortical areas
receiving afferent sensory input from GI
tract using the functional MRI (BOLD)
technique
Source: HRRC 123-94
Role: Co-Principal Investigator

Title: Comparison of transnasal unsedated and
conventional upper GI endoscopy
Source: HRRC 50-93
Role: Co-Principal Investigator

Title: Clinical evaluation of PROPULSID
(cisapride) tablets, 20 mg B.I.D., in the
treatment of subjects with symptoms of
chronic gastroesophageal reflux disease
Source: HRRC 191-94
Role: Co-Principal Investigator

Title: Does prophylactic steroid administration
reduce the risk and severity of post-
ERCP pancreatitis? : Randomized
prospective multicenter study
Source: HRRC 206-95
Role: Principal Investigator
PI: Self

Title: Mechanism of airway protection during
gastroesophageal reflux
Source: HRRC 199-93
Role: Co-Principal Investigator

Title: Esophageal motor function in health and
disease, re-submission
Source: NIH 5 R01 DK25731-16
Role: Co-Principal Investigator

Title: Evaluation of the tannenbaun (teflon) biliary endoprosthesis versus conventional (polyethylene) endoprosthesis for the treatment of malignant non-hilar biliary strictures: a prospective, multicenter trial
Source: HRRC 267-94
Role: Principal Investigator
PI: Self

Title: Gastroesophageal reflux in patients with benign and malignant lesions of the aerodigestive tract
Source: HRRC 122-92
Role: Co-Principal Investigator

INVITED LECTURES/WORKSHOPS/PRESENTATIONS:

Local

- Lecture, 'Glottal functions and pharyngeal bolus transit during normal eating and drinking', Medical College of Wisconsin Dysphagia Institute Research Seminar Series, Milwaukee, WI, 1994
- Lecture, 'Mechanism and timing of nasopharyngeal closure during swallowing and belching' Digestive Disease Research Seminar, Medical College of Wisconsin, Milwaukee, WI, 1994
- Lecture, 'Chronic pancreatitis: the role of endoscopic intervention', Practical Issues in Gastroenterology; An Update on GI Problems Encountered in Clinical Practice, Medical College of Wisconsin, Milwaukee, WI, 1994
- Live demonstration, Sphincter of Oddi Manometry Course, Medical College of Wisconsin, Milwaukee, WI, 1994
- Lecture, 'Maintaining oral nutrition in patients with malignant esophageal lesions', Practical Issues in Gastroenterology; An Update on GI Problems Encountered in Clinical Practice, Medical College of Wisconsin, Milwaukee, WI, 1995
- Live demonstration, unsedated transnasal pharyngoesophagogastro- duodenoscopy during the course on 'Spectrum of Dysphagia: The Role of Latest Technology in Diagnosis and Management, Medical College of Wisconsin, Milwaukee, WI, 1996
- Invited Speaker, Acute Pancreatitis Elmbrook Hospital CME program, Milwaukee, WI, 09/1998
- G.I. Update Course, Oro-gastric pathway in esophageal cancer, Medical College of Wisconsin, Milwaukee, WI, 10/1998
- Dysphagia Research Institute, "Stents for palliation of Esophageal Cancer", Medical College of Wisconsin, Milwaukee, WI, 10/1998
- Endoscopic intervention in pancreatic disorders, Grand Rounds, Department of Medicine, Medical College of Wisconsin, Milwaukee, WI, 09/1999
- Unsedated, transnasal, upper G.I. endoscopy, Division of Gastroenterology and Hepatology, Medical College of Wisconsin, Milwaukee, WI, 10/1999
- Grand Rounds invited speaker, Noncardiac chest pain, Beaver Dam, WI, 2000
- Speaker, Digestive Disease Center, Medical College of Wisconsin, Milwaukee, WI, 2001
- Esophageal and Aerodigestive Tract Disorders: Real World Challenges, Faculty and on Organizing Committee, Milwaukee, WI, 2003
- Pancreas Cancer Symposium, Milwaukee, WI, 02/2010
- Invited faculty, Pancreas Cancer Symposium, Milwaukee, WI, 02/2011
- "Re-growing the Human Esophagus: Fact of Fiction?", Grand Rounds, Medical College of Wisconsin, Milwaukee, WI, 2014
- Foregut Symposium, Milwaukee, WI, 2014
- Invited Faculty, Pancreas Cancer Symposium, Milwaukee, WI, 2014
- Invited Speaker, Milwaukee GI Society, Milwaukee, WI, 2015
- Invited Speaker, Pancreas Cancer Symposium, Milwaukee, WI, 08/01/2018 - 08/02/2018
- Endoscopic Mgmt of Esophageal Leaks, Fistula and Perforation, Milwaukee, WI, 08/02/2019
- Midwest Endoscopy Society, Milwaukee, WI, 10/2019

Regional

Invited Speaker, What is new in acid suppression, Sullivan Hospital, Indiana, 1999
Invited Speaker, 'Endoscopic Palliation of Esophageal Cancer', Kansas City, MO, 2000
Speaker, Endoscopic palliation of esophageal cancer, Kansas City, MO, 2000
Invited Speaker, Grand Rounds- 'Noncardiac Chest Pain', Beaver Dam, Dodge County, WI, 2000
Invited Faculty, Grand Rounds- 'EUS for Cancer Staging', Marquette General Hospital, Marquette, MI, 2004
EUS for Cancer Staging, Grand Rounds Marquette General Hospital, Marquette, MI, 2004
Director, First-year GI Fellow Endoscopy Course, American Society of Gastrointestinal Endoscopy Training Committee, Chicago, IL, 08/2008
Director, First Year GI Fellow Endoscopy Course, Society of Gastrointestinal Endoscopy Training Committee, Chicago, IL, 08/2008
Invited Faculty, American Osteopathic College of Radiology Mid-Year Course, Detroit, MI, 2009
Invited faculty, American Osteopathic College of Radiology Mid-Year Course, Detroit, MI, 2009
Invited Faculty, American Society of Gastrointestinal Endoscopy Course on GI Stent's, Chicago, IL, 03/2010
Invited faculty, DDW, ASGE Hands-on stents training post graduate course, Chicago, IL, 05/2011
Invited faculty, ASGE Stent course, Chicago, IL, 06/2011
Invited faculty, FYF Course ASGE West Region, Chicago, IL, 08/2011
Invited Faculty, DDW, American Society of Gastrointestinal, Chicago, IL, 2011
Invited Faculty, Chicago Live Therapeutic Endoscopy Course, Chicago, IL, 2012
Invited Faculty, DDW, American Society of Gastrointestinal Endoscopy Hands on Stents Training Post Graduate Course, Chicago, IL, 2014
Invited Faculty, Dysphagia Research Society, Chicago, IL, 03/2015
Invited Faculty, Grand Rounds, Marquette General Hospital, Marquette, MI, 2016
Invited Speaker, Midwest Endoscopy Society, 2017
Invited Speaker, Endoscopy Course, Detroit, MI, 03/03/2018
Invited Faculty, 10th Anniversary of Chicago Live, Chicago, IL, 09/27/2018 - 09/29/2018
Invited Speaker, Endoscopy Course, Detroit, Michigan, 2018
Ascension St. John Hospital & Medical Center's 4th Annual Endoscopic Conference, Birmingham, MI, 04/13/2019
Invited Faculty, Detroit Live, Detroit, MI, 2019
Invited Faculty, American Society of Gastroenterology Minneapolis Course, Minneapolis, MN, 2019

National

American College of Physician, Recertification course: Invited to give the session on Gastroenterology and Hepatology, 10/1998
Invited to Participate, Harvard Live Endoscopy Course, Boston, MA, 04/1999
Invited Speaker, Endoscopic palliation of malignant dysphagia Disease Week, Orlando, FL, 05/1999
Invited Speaker, Ascending Cholangitis, Academy of Medical Sciences, 08/1999
Invited Speaker, Endoscopic palliation of malignant dysphagia, Academy of Medical Sciences, 08/1999
American College of Physician, Gastroenterology and Hepatology, 10/1999
Advances in acid suppression, Grand Rounds, Lake Region Hospital, North Dakota, 11/1999
Endoscopic palliation of malignant dysphagia, Grand Rounds, University of Louisiana, New Orleans, LA, 01/2000
Invited Speaker, Stents for tumors at the lower esophagus, University of South Florida, Tampa, FL, 2000
Anti-reflux stent in tumors of cardia, Multi-disciplinary International Symposium on Supraesophageal Complications of Reflux Diseases, Boston, MA, 2000
Invited Speaker, Anti-reflux expandable esophageal metal stents, Maui, 2000
Invited Speaker, Anti-reflux stent for tumors of the cardia", VA Hospital Little Rock, AR, 2001
Invited Speaker, 'Endoscopic Palliation of Esophageal Cancer', Charleston, SC, 2001
State of the Art Talk, What's New in Esophageal Stents?" American Society of Gastrointestinal Endoscopy, Digestive Disease Week, Atlanta, GA, 2001
Performed Live Endoscopic Ultrasound Demonstration, VA Hospital Little Rock, AR, 2001
Invited Lecture, "Aerodigestive Reflexes", at the Fifth International Conference on Supraesophageal Complications of Reflux Disease, Miami, FL, 2005
Invited faculty, Dysphagia Research Society, San Antonio, TX, 03/2011
Invited Faculty, Rocky Mountain Endoscopy Course, Denver, CO, 2012

Invited Faculty, DDW, American Society of Gastrointestinal Endoscopy Hands on Stents Training, Post Graduate Course, Orlando, FL, 2013

Invited faculty~Endoscopy Hands-on stents training post graduate course, Digestive Disease Week, ASGE, 2013

Invited faculty~American Society of Gastrointestinal Endoscopy Hands-on stents training post graduate course., Digestive Disease Week, Washington DC, 2014

Postgraduate course, Dysphagia Research Society, Nashville, TN, 2014

invited Faculty, Dysphagia Research Society Post Graduate Course, Nashville, TN, 2014

How I Place an Esophageal Stent, Interventional GI Course, Las Vegas, NV, 02/13/2015

Endoscopic Management of Refractory Benign Stricture, Advanced Topics in Total Laryngectomy Course: Re-Evaluating Swallowing & Voice in an Era of Organ Preservation, Los Angeles, CA, 08/07/2015

Invited Speaker, Dysphagia Research Society, Memphis, TN, 2015

Invited Faculty, EMR/Polypectomy, WCOG- ACG2017 Hands-on Workshop Center, Orlando, FL, 10/15/2017

Invited Faculty, Dysphagia Research Society, San Diego, CA, 03/13/2018 - 03/17/2018

Invited Faculty, Digestive Disease Week (DDW), Washington, DC, 06/02/2018 - 06/05/2018

Endoscopy Society, Arkansas, 06/22/2018 - 06/24/2018

Invited Speaker, Grand Rounds, Dallas, Texas, 2018

Invited Speaker, Grand Rounds, Dallas, TX, 2018

Invited Faculty, Internal Medicine Grand Rounds, Ohama, NE, 02/15/2019

Dysphagia Research Society, San Diego, CA, 03/05/2019 - 03/09/2019

Moderate, ASGE Korean/Society of Gastrointestinal Endoscopy International Symposium: Recent Advances of Therapeutic Endoscopy in Esophageal Diseases, Digestive Disease Week., San Diego, CA, 05/20/2019

Large Gastric Staple-Line Dehiscence Treated With Novel Stent-Anchoring Technique to Prevent Stent Migration, Digestive Disease Week, San Diego, CA, 05/21/2019

Repairing Esophageal Defects with Tissue Engineering, Digestive Disease Week, San Diego, CA, 05/21/2019

Invited Faculty, American Society of Gastrointestinal Endoscopy, San Diego, CA, 2019

International

Lecture, International Meeting of the Royal College of Physicians and Surgeons of Glasgow, Madras, India, 1988

Moderator, International Gastroenterology Meeting, Symposium on `Peptic Ulcer Disease', Muscat, Oman, 1990

Co-organizer and Co-chairman, International Gastroenterology Meeting, Muscat, Oman, 1990

Lecture, Esophageal Motility Disorders, Role of Manometry Ministry of Health, Muscat, Oman, 1993

Lecture, `Sphincter of Oddi Manometry', Ministry of Health, Muscat, Oman, 1993

Invited to do live demonstration, Esophageal Manometry, Ministry of Health, Muscat, Oman, 1993

Lecture, `Endoscopic treatment of chronic pancreatitis', Central India Institute of Medical Sciences, Nagpur, India, 1994

Lecture, `New techniques in gastroenterology', Central India Institute of Medical Sciences, Nagpur, India, 1994

Invited to perform live therapeutic ERCPs, Endoscopy Unit, Midas Hospital, Nagpur, India, 1994

Lecture, Chronic pancreatitis: the role of endoscopic intervention, G.B. Pant Hospital, Delhi University, New Delhi, India, 1994

Lecture, Non-cardiac chest pain', Academy of Medical Sciences, Nagpur University, Nagpur, India, 1994

Invited Attendee, Pancreato-biliary Case Conference, G.B. Pant Hospital, Delhi University, New Delhi, India, 1994

Invited to perform live therapeutic ERCPs, Endoscopy Unit, Mukewar Hospital, Nagpur, India, 1995

Chair, `New endoscopic techniques: How I do it', Indian Society of Gastroenterology, Annual Meeting, Cuttack, India, 1995

B.J. Vakil Poona Oration, Chronic Pancreatitis: Role of Endoscopic Intervention', Society of Gastrointestinal Endoscopy of India, Annual Meeting, Cuttack, India, 1995

Guest Speaker, `Noncardiac Chest Pain', Indian Society of Gastroenterology, Annual Meeting, Cuttack, India, 1995

Invited to perform live therapeutic ERCPs, Endoscopy Unit, Mukewar Hospital, Nagpur, India, 1995

Guest Speaker, Noncardiac Chest Pain International Conference on GI Motility and Functional Gut Disorders,

Muscat, Oman, 1996

Chair- Session, 'Video demonstration of esophageal manometry and ambulatory pH and motility monitoring of the esophagus', International Conference on GI Motility and Functional Gut Disorders, Muscat, Oman, 1996

Guest Speaker, 'Sphincter of Oddi Manometry', International Conference on GI Motility and Functional Gut Disorders, Muscat, Oman, 1996

Invited Speaker, Supraesophageal Defense Mechanisms Against Aspiration of Gastric Contents, Annual International Meeting of the Dysphagia Research Society, Toronto, Canada, 10/1997

Invited to chair the session, Supraesophageal Complications of Gastro-esophageal Reflux Disease Annual International Meeting, Dysphagia Research Society, Toronto, Canada, 10/1997

Guest Speaker, 'Endoscopic Treatment of Chronic Pancreatitis', Annual Meeting of the Academy of Medical Sciences, Nagpur, India, 1997

Guest Speaker, Endoscopic treatment of chronic pancreatitis, Annual meeting of the Academy of Medical Sciences, Nagpur, India, 1997

Guest Speaker, Maintaining oral nutrition in esophageal malignancy, Annual meeting of the Academy of Medical Sciences, Nagpur, India, 1997

Guest Speaker, Maintaining oral nutrition in esophageal malignancy, G.B. Panth Hospital, Delhi University, India, 1997

Invited Speaker, Maintaining oral nutrition in esophageal malignancy, Department of Thoracic Surgery, Post-Graduate Institute of Medical Sciences and Research, Chandigarh, India, 01/1998

Invited to Chair, 'Small Bowel Radiology' Annual Meeting of the Indian Society of Radiology, India, 01/1998

Invited Speaker, Sphincter of Oddi Manometry, Department of Hepatology, Post-Graduate Institute of Medical Sciences and Research, Chandigarh, India, 01/1998

Invited Speaker, 'Sphincter of Oddi Dysfunction', Annual Conference of the Indian Association for Study of the Liver (INASL), 03/1998

Invited Speaker, 'Sphincter of Oddi Dysfunction' Annual conference of the Indian Association for Study of the Liver, 03/1998

Invited Speaker, Endosonography in Biliary Disorders, Annual conference of the Indian Association for Study of the Liver, 03/1998

Invited Speaker, "Supraesophageal defense mechanisms against aspiration", Department of Gastroenterology and Hepatology, Aberdeen University, Aberdeen, U.K., 09/1998

Invited Speaker, 'Maintaining Oro-Gastric Pathway in Esophageal Cancer', Annual Meeting of the Indian Society of Gastroenterology, 10/1998

Invited Speaker, "Maintaining oro-gastric pathway in esophageal cancer", Annual meeting of the Indian Society of Gastroenterology, 10/1998

Invited Speaker, 'Supraesophageal Defense Mechanisms Against Aspiration', Annual Meeting of the Indian Society of Gastroenterology, 11/1998

Invited faculty, Esophageal and biliary motility and interventional procedures, Postgraduate Institute of Medical Sciences, Lucknow, 08/1999

Invited Speaker, 'Endoscopic Palliation of Malignant Dysphagia', Academy of Medical Sciences, 08/1999

Invited Speaker, Ascending Cholangitis', Academy of Medical Sciences, 08/1999

Demonstration of Anti-reflux Esophageal Expandable Metal Stent, Esophageal Cancer: From Gene to Cure, Amsterdam, Netherlands, 2000

Speaker, Endoscopic palliation of esophageal cancer, Indian Science Congress, New Delhi, 2001

Invited Faculty, Indian Society of Gastrointestinal Endoscopy Oration, Lucknow, India, 2001

Performed live endoscopic placement of anti-reflux expandable metal esophageal stent, Third International Conference, Therapeutic Endoscopy, Mumbai, India, 2001

Invited faculty, Fourteenth Therapeutic Endoscopy Course, Toronto, Canada, 2001

Speaker, "Supraesophageal defense mechanisms against aspiration of gastric contents", University of Aberdeen, Aberdeen, United Kingdom, 2001

Speaker, Effect of cigarette smoking on supraesophageal defense mechanisms against aspiration of gastric contents, Indian Science Congress, New Delhi, 2001

Invited Faculty, Indian Society of Gastrointestinal Endoscopy, India, 2002

Invited Faculty, Indian Society of Gastrointestinal Endoscopy, India, 2002

Invited faculty, Therapeutic Endoscopy Course, Muscat, Oman, 2002

Invited faculty, Digestive Disease Week, Bhopal, India, 2002

Stenting the Oesophagus, Grand Rounds, Aberdeen University, UK, 2003
Invited Faculty for Lecture and Live Demonstration, Annual Asian Institute of Therapeutic Endoscopy Course, Hyderabad, India, 2004
Biliary Stents with Anti-reflux Valve, European Digestive Disease Week, Prague, 2004
Therapeutic Endoscopy Course Central, India Institute of Medical Sciences, India, 2004
“Stenting the Esophagus”, Lemrick, Ireland, 2005
“Anti-reflux Biliary Stent” European Digestive Disease Week, Copenhagen, Denmark, 2005
Invited Lecture, 'How to choose an esophageal stent?' Asian Institute of Gastroenterology, Hyderabad, India, 2005
Invited Faculty, Advanced Therapeutic ERCP Course, Asian Institute of Gastroenterology, Hyderabad, India, 2006
Bankat Chandra Oration on “Management of Acute Pancreatitis”, Indian Medical Council, India, 2006
Grand Rounds, at Fortis Hospital, Chandigarh, India, 2006
Invited Faculty for lecture and live demonstrations, “Fifteenth Therapeutic Endoscopy Course, University of Sao Paulo, Sao Paulo, Brazil, 2006
Invited Faculty, Lecture “What’s New in Biliary Stenting” Asia-Pacific Society Study of Liver Diseases, Nagpur, 2006
Invited Faculty, Annual Indian Society of Gastrointestinal Endoscopy Meeting, Bangalore, India, 2007
Invited Faculty, Oman Gastroenterology Meeting, Muscat, Oman, 2007
Invited Faculty, Therapeutic Endoscopy Workshop, Midas Institute of Gastroenterology, Nagpur, India, 2007
Invited Faculty, Grand Rounds “How to Choose an Oesophageal Stent”, Aberdeen University, Aberdeen, U.K., 2007
Invited Faculty, OESO, International Conference on the Diseases of the Esophagus, Monaco, 2008
Invited Faculty, International Gastroenterology Conference, Muscat, Oman, 2008
Invited faculty, 10th Annual Therapeutic Endoscopy Workshop, Cairo, Egypt, 2008
Refractory Benign Esophageal Stricture, United European Gastroenterology Week, Vienna, Austria, 2008
Invited faculty, PGI/AIIMS Endoscopy Course, Chandigarh, India, 2009
Invited faculty, Israel Postgraduate Course, Eilat, Israel, 2009
Invited faculty, MS ISG Chapter Gastroenterology Course, India, 2009
Invited faculty, Endoscopic therapy for refractory benign esophageal strictures, Chandigarh, India, 2009
Invited faculty, Therapeutic Endoscopy Course, Malaysia, 2009
Invited faculty, 11th International Digestive Endoscopy Week, Chennai, 2010
Invited faculty, Central Asia Institute of Gastroenterology, India, 10/2011
Invited Faculty, Therapeutic Endoscopy Workshop, Midas Institute of Gastroenterology, Nagpur, India, 2011
Invited Faculty, Midas Institute of Gastroenterology, Nagpur, India, 2012
Invited Faculty, Indian Society of Gastroenterology, Jaipur, India, 2012
Invited Faculty, Midas Institute of Gastroenterology, Nagpur, India, 2012
Invited Faculty, Therapeutic Endoscopy Workshop, Midas Institute of Gastroenterology, Nagpur, India, 2012
Invited faculty & Committee Chair, OESO Meeting, Como, Italy, 2012
Invited Faculty, Therapeutic Endoscopy Workshop-'Stenting the GI Tract', Cuenca, Ecuador, 2013
Visiting Professor, Teach Gastroenterology Fellows in Training, Addis Ababa University, Ethiopia, 2013
Invited Faculty, Committee Chair International OESO Meeting, Paris, 2013
Invited Faculty, Endoscopy Master Class Meeting, Nottingham, UK, 2013
Invited Faculty, POEM and ESD Training, Shanghai, P R China, 2014
Invited Faculty, American Society of Gastrointestinal Endoscopy, Therapeutic Endoscopy Workshop, Cuenca, Ecuador, 2014
Invited Faculty, EUS Course, Midas Institute, India, 2014
Invited Faculty, Therapeutic Oncology Endoscopy Course, Rio De Janeiro, Brazil, 2014
Invited Faculty, ENDOCON Society of GI Endoscopy of India, Coimbatore, India, 2014
Invited Faculty, Endoscopy-Surgery Interface Workshop, Galapagos Islands, 2014
Invited Faculty, Mayo-Midas Course, India, 01/2015
Invited Faculty, OESO Meeting, Monte Carlo, 08/2015
Invited Faculty, Interim Indian Society of Gastroenterology Meeting, Kolkata, India, 2015
Invited Faculty, Therapeutic Endoscopy Course, Sao Paulo, Brazil, 2015
Invited Faculty, Endoscopy Digestive Workshop, Cuenca, Ecuador, 12/03/2016
Visiting Professor, Addis Ababa, Ethiopia, 2016
Director, ASGE-SOBED Post- Graduate Course, Belo Horizonte, Brazil, 2016

Invite Faculty, EUS Training Course, Midas Institute, India, 2016
 Invited Faculty, SBAD Course, Brazil, 2016
 Invited Faculty, Therapeutic Endoscopy Course, Cuenca, Ecuador, 2016
 Invited Faculty, Academy of Science Nagpur, Nagpur, India, 01/09/2017
 Invited Faculty, World Endoscopy Conference, Hyderabad, 2017
 Invited Faculty, Africa-Middle East Gastroenterology (AMAGE) Conference, Addis Ababa, Ethiopia, 2017
 invited Speaker, WHO (OESO), Geneva, Switzerland, 2017
 Invited Faculty, World Dysphasia Summit, Barcelona, Spain, 2017
 Invited Faculty, Management of Patients With Refractory Heartburn, Asian Pacific GI Week, 02/12/2018 - 02/20/2018
 Invited Faculty, Stents in Surgical Practice, Asian Pacific GI Week, 02/12/2018 - 02/20/2018
 ASGE, South Africa, 08/06/2018 - 08/10/2018
 Invited Faculty, United European GI Society, 10/18/2018 - 10/19/2018
 Invited faculty, Gastroenterology Conference, Midas Institute, india, 2018
 Invited Faculty, Gastroenterology and Hepatology Association of Sub-Saharan Africa (GHASSA), Sudan, 2018
 Invited faculty, 55th National Conference of Indian Academy of Pediatrics (PEDICON 2018), Nagpur, India, 2018
 Invited faculty, Endoscopy Course, Cuenca, Ecuador, 2018
 Invites Speaker, Midas Institute, Nagpur, India, 02/04/2019 - 02/11/2019
 Kulwinder Dua, Stem Cells and Tissue Engineering, XI International Workshop on EPR in Biology and Medicine, Jagiellonian University in Krakow, Poland, 10/06/2019 - 10/10/2019
 ASGE International Committee, Barcelona, Spain, 10/18/2019 - 10/21/2019
 Invited Speaker, OESO World Conference for Esophageal Diseases, Beijing, China, 11/07/2019 - 11/09/2019
 Asian Pacific Digestive Week, Kolkata, India, 12/12/2019 - 12/15/2019
 Invited Speaker, Chandigarh, India, 2019
 Invited Faculty, Nigeria Society of Gastroenterology, 2019

MEDICAL COLLEGE TEACHING ACTIVITIES:

Resident and Fellow Education

1992 - Present Training G.I. Fellows Diagnostic and Therapeutic Endoscopies with special interest in advanced pancreaticobiliary endoscopy, metal stents for the G.I. tract and Endoscopic Ultrasound
 1992 - Present Training Residents Flexible Sigmoidoscopies
 1992 - Present Training G.I. Fellows and Residents during G.I. Clinic and In-patients Consult service.

EXTRAMURAL TEACHING:

Medical Student Education

1992 - Present Yearly Physical Diagnosis Course, Student rotating with GI consult team

Continuing Medical Education

Several CME presentations at the Medical College of Wisconsin and national and international grand rounds.

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

Graduate Students

Elective rotation, Internal Medicine Resident. Research project on effect of alcohol on pharyngo-UES contractile reflex and reflexive pharyngeal swallow. Results from this work were presented at the annual Digestive Disease Week., 2000
 Elective rotation, Internal Medicine Resident. Research project on effect of gastroesophageal reflux disease on pharyngo-UES contractile reflex and reflexive pharyngeal swallow. Results from this work were presented at the annual Digestive Disease Week, 2001
 Elective rotation, Internal Medicine Resident. Research project on effect of gastroesophageal reflux

disease with laryngitis pharyngo-UES contractile reflex and reflexive pharyngeal swallow. Results from this work were presented at the annual Digestive Disease Week., 2002
Accepted a medical student for Aberdeen, U.K. for 8 week elective to do retrospective analysis on acute G.I. bleeding., 2003
G.I. Fellow mentorship on several endoscopy related research projects (e.g. ERCPs in children, anti-reflux esophageal stent, acute GI bleeders, sphincter of Oddi manometry, etc.). These have resulted in manuscripts and presentations at several national meetings.

COMMUNITY SERVICE ACTIVITIES:

Support for community projects through Oxfam
Support for education of 6 children in third world country through Save the Children Organization, and Family Service Center.

ADVANCED ENDOSCOPY EXPERTISE:

Capsule endoscopy
Ablative therapy for Barrett's esophagus: RFA, PDT, Cryotherapy
Expandable esophageal stent for benign esophageal strictures
Balloon enteroscopy. *Adult and pediatric population (also Faculty at Children's Hospital of Wisconsin and Medical College of Wisconsin, Milwaukee)
Transnasal endoscopy
Endoscopic mucosal resection
Diagnostic and therapeutic Endoscopic Ultrasound including ano-rectal ultrasonography
Endotherapy for malignant dysphagia (Metal stents, Laser, Photodynamic therapy, etc).
Therapeutic pancreatic and biliary ERCP

INVENTIONS/PATENTS:

2002 Self-expanding, metal, esophageal stent with anti-reflux valve. Stents deployed across the gastroesophageal junction for palliating malignant dysphasia can predispose to reflux including to risks of aspiration. A newly developed anti-reflux valve (Dua) was attached to the lower end of an expandable metal esophageal stent and this modification was shown to be effective in reducing GE reflux without interfering with the primary function of the stent, i.e. relieving dysphasia (Dua et al, *Gastrointestinal Endoscopy* 53:6:603-613, 2001). The ability of the windsock valve to invert at high-pressure gradients between the stomach and the esophagus allows for belching and vomiting. Once inverted, the valve can easily be reverted to its anti-reflux position by swallowing water. In a prospective randomized study from Europe (Laash HU, et al. Effectiveness of open versus ant reflux stents for palliation of distal esophageal carcinoma and prevention of symptomatic gastro esophageal reflux. *Radiology* 2002;225(2):359-365), this anti-reflux stent was compared to an "open" stent in 50 patients with lower esophageal cancers. Twenty-four of the 25 patients randomized to the open stent developed reflux symptoms and one patient died within 24 hrs with aspiration after stent placement. Only 3 of the 25 patients with the Dua anti-reflux stent complained of reflux symptoms and there were no deaths. FDA 510- K cleared Dua anti-reflux stent

08/2006 Anti-reflux Plastic Biliary Stent Duodenobiliary reflux has been considered as one of the contributing factors for biliary stent occlusion. A newly developed anti-reflux biliary stent (Marathon Stent also referred to as Dua Biliary Stent) was shown to remain patent for a longer time as compared to an open stent in a prospective randomized study done on patients with malignant bile duct strictures (Dua et al, *Impact of reducing duodenobiliary reflux on biliary stent patency: an in vitro evaluation and a prospective randomized clinical trial that used a biliary stent with an antireflux valve. Gastrointest Endosc* 65:819-28, 2007.). This stent got FDA 510-K clearance for use in the US and is also cleared for use in Canada and Europe.

2016 - Present First human case of re-growing the esophagus using principles of regenerative medicine (Dua et el *The Lancet* 2016)

Hydroflush biliary stone extraction balloon. This catheter uses mechanical and hydrostatic forces to extract common bile duct stones. It has received a modification of existing device 510K FDA clearance.

QUALIFICATIONS:

1972 B.Sc. I, Institute of Science, Nagpur University, India
 1976 M.D. (M.B.B.S.), Bachelor of Medicine and Bachelor of Surgery; equivalent to M.D. of U.S.A. as defined by the Educational Commission for Foreign Medical Graduates (E.C.F.M.G.), Nagpur University, India
 1980 D.M.Sc. (Internal Medicine) Thesis on "ECG changes in patients with COPD"
 1984 M.R.C.P. (U.K.), Royal College of Physicians, United Kingdom
 1988 D.N.B. (Gastroenterology), Diplomat of the National Board in Gastroenterology, India
 1990 F.I.A.M.S. (Gastroenterology), Fellow of the Indian Academy of Medical Specialists in Gastroenterology, India
 1998 F.R.C.P. (Edinburgh), Fellow of the Royal College of Physicians of Edinburgh, U.K.
 1999 F.A.C.P. Fellow of the American College of Physicians
 2004 F.R.C.P. (London), Fellow of the Royal College of Physicians of London, U.K.
 2006 F.A.S.G.E Fellow of the American Society of Gastrointestinal Endoscopy

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Refereed Journal Publications/Original Papers

1. Dube GK, Waghela JD, Dua KS, Chaubey BS: Juvenile pernicious anaemia - a case report. *Indian Medical Gazette*, CXV:282-284; 1981.
2. Dua KS, Brunt PW: Chronic hepatitis. *Physician India*, 3:515-521;1986.
3. Dua KS, Mowat NA. Familial Crohn's disease, including spouse. *Scott Med J*. 1988 Dec;33(6):372-3.
4. Shah S, Dua KS, Zubaidi G: Therapeutic endoscopies - our experience in Oman. *Oman Medical Gazette*, VII:2-5;1990
5. Sharma S, Dua KS, Zubaidi G: Acute upper gastrointestinal bleeding in Omani patients. *Oman Medical Gazette*, VII:29-30;1990.
6. Shabir S, Dua KS, Zubaidi G: Two year experience of esophageal variceal sclerotherapy in Oman. *Oman Medical Gazette*, VII:6-9;1990.
7. Koruth NM, Dua KS, Brunt PW, Matheson NA. Comparison of highly selective vagotomy with truncal vagotomy and pyloroplasty: results at 8-15 years. *Br J Surg*. 1990 Jan;77(1):70-2.
8. Trifan A, Shaker R, Ren J, Mittal RK, Saeian K, Dua K, Kusano M. Inhibition of resting lower esophageal sphincter pressure by pharyngeal water stimulation in humans. *Gastroenterology*. 1995 Feb;108(2):441-6.
9. Ren J, Shaker R, Kusano M, Podvrsan B, Metwally N, Dua KS, Sui Z. Effect of aging on the secondary esophageal peristalsis: presbyesophagus revisited. *Am J Physiol*. 1995 May;268(5 Pt 1):G772-9.
10. Dua K, Shaker R, Ren J, Arndorfer R, Hofmann C. Mechanism and timing of nasopharyngeal closure during swallowing and belching. *Am J Physiol*. 1995 Jun;268(6 Pt 1):G1037-42.
11. Trifan A, Shaker R, Ren J, Mittal RK, Saeian K, Dua K, Kusano M: Inhibition of resting lower esophageal sphincter pressure by pharyngeal water stimulation in humans. *Gastroenterology*, 108:441-446;1995.
12. Dua KS, Ruan E, Shaker R. Transnasal pharyngoesophagogastroduodenoscopy (T-PEGD) in a patient with acute upper gastrointestinal bleeding. *Endoscopy*. 1996 Aug;28(6):530.
13. Dean R, Dua K, Massey B, Berger W, Hogan WJ, Shaker R. A comparative study of unsedated transnasal esophagogastroduodenoscopy and conventional EGD. *Gastrointest Endosc*. 1996 Oct;44(4):422-4.
14. Dua KS, Stewart E, Arndorfer R, Shaker R. Esophageal intramural pseudodiverticulosis associated with achalasia. *Am J Gastroenterol*. 1996 Sep;91(9):1859-60.
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16. Dua KS, Ren J, Bardan E, Xie P, Shaker R. Coordination of deglutitive glottal function and pharyngeal bolus transit during normal eating. *Gastroenterology*. 1997 Jan;112(1):73-83.
17. Bardan E, Xie P, Ren J, Dua K, Shaker R. Effect of pharyngeal water stimulation on esophageal peristalsis and bolus transport. *Am J Physiol*. 1997 Feb;272(2 Pt 1):G265-71.
18. Bardan E, Xie P, Ren J, Dua K, Shaker R. Effect of pharyngeal water stimulation on esophageal peristalsis and bolus transport. *Am J Physiol (Gastrointest. Liver Physiol)*, 35:G265-G271;1997.
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20. Sherman S, Lehman G, Earle D, Watkins J, Barnett J, Johanson J, Freeman M, Geenen J, Ryan M, Parker H, Lazaridis E, Flueckiger J, Slivka A, Dua K, Aliperti G, Yakshe P, Uzer M, Jones W, Goff J. Does obesity increase the incidence and severity of post-ERCP pancreatitis? *Gastrointestinal Endoscopy*. 1997;45(4).
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 22. Dua K, Rochling F, Saeian K, Shaker R. Use of self-expanding metal stents (SEMS) for palliation of malignant esophageal obstruction/tracheo-esophageal (TE) fistula in patients with previously placed esophageal stents *Gastrointestinal Endoscopy*. 1997;45(4).
 23. Evans J, Bohorfoush AG, Carron D, Shaker R, Dua K. Endoscopic management of bile leaks *Gastrointestinal Endoscopy*. 1997;45(4).
 24. Rochling FA, Dua K, Saeian K, Bohorfoush AG, Shaker R. Treatment of malignant esophageal stricture and tracheo-esophageal fistula with self-expanding metal stents *Gastrointestinal Endoscopy*. 1997;45(4).
 25. Dua K, Bardan E, Ren J, Sui Z, Shaker R. Effect of chronic and acute cigarette smoking on the pharyngo-upper oesophageal sphincter contractile reflex and reflexive pharyngeal swallow. *Gut*. 1998 Oct;43(4):537-41. PMID: PMC1727281
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Books, Chapters, and Reviews

1. Kochar's Concise Textbook of Medicine, Third Edition, Edited-in-chief: Kesevan Kutty. Publishers: Williams & Wilkins, 428 E. Preston St. Baltimore, MD 21202. Gastroenterology Sections: a. General Approach to Patients with Gastrointestinal Diseases b. Gastrointestinal Hemorrhage c. Esophagus d. Stomach and Duodenum e. Pancreas
2. Practice of Geriatrics, Third Edition, Edited by Duthie EH, Katz P. Publishers: W.B. Saunders, 6277 Sea Harbor Drive, Orlando, FL 32887. Gastric, Pancreatic, and Hepatobiliary Disorders.
3. Modern Imaging in G.I. Radiology, Diagnostic Imaging and Radiation Oncology. Publishers: Springer-Verlag, New York. Recent Advances in Esophageal Endoprosthesis.
4. Kochar's Concise Textbook of Medicine, Fourth Edition, Edited-in-chief: Kesevan Kutty. Publishers: Williams & Wilkins, 428 E. Preston St. Baltimore, MD 21202. Gastroenterology Sections: a. General Approach to Patients with Gastrointestinal Diseases b. Gastrointestinal Hemorrhage c. Esophagus d. Stomach and Duodenum e. Pancreas
5. Principles of Deglutition (Volume I) and Manual of Diagnostic and Therapeutic Techniques for Disorders of Deglutition (Volume II). First Edition (in press). Springer. Treatment Options for Deglutition Disorders: Esophageal Stenting for Relief of Dysphagia
6. Self-Expanding Stents in Gastrointestinal Endoscopy. First Edition (in press) SLACK, Inc. Esophageal stents in patients with malignant dysphagia due to unresectable disease
7. Pancreas and Biliary Disease A Point of Care Guide. Dua KS, Shaker R (Eds) Springer Publishing 2016

Abstracts

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Peer Reviewed Educational Products

1. Seo DW, Sherman S, Dua KS, Slivka A, Roy A, Costamagna G, Deviere J, Peetermans J, Rousseau M, Nakai Y, Isayama H, Kozarek R, Biliary SEMS During Neoadjuvant Therapy Study Group. Covered and uncovered biliary metal stents provide similar relief of biliary obstruction during neoadjuvant therapy in pancreatic cancer: a randomized trial. *Gastrointest Endosc.* 2019 Oct;90(4):602-612.e4.PMID: 31276674

Database, Video, or Other Research/Clinical Contributions

1. Smith ZL, Daniel KE, Pant M, Dua KS, Aburajab M. Invasive intraductal papillary carcinoma of the bile duct masquerading as a common hepatic duct stone. [http://www.videogie.org/article/S2468-4481\(16\)30045-5/pdf](http://www.videogie.org/article/S2468-4481(16)30045-5/pdf) 2018 VideoGIE , Volume 1 , Issue 4 , 68 - 69.