# Dr H V Shivaram

MBBS; MS; FICS; FAIS; FACS(USA); FRCS(Glasgow); FMBS(India)

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## **GENERAL INFORMATION**

Home Address: 22/c, Samruddhi,

38thcross, 8th Block, Jayanagar,

Bangalore 560 070, Karnataka, INDIA

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Hebbal

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Email: Personal: hvshivaram@gmail.com

Official: drshivaram.hv@asterhospital.com

Gender: Male

Date of Birth: February 25, 1959

Marital Status: Married, two daughters

#### 2. EDUCATION

#### Graduation

M.B.B.S. (Bachelor of Medicine & Surgery): 1977-1982 From Mysore Medical College (University of Mysore), Karnataka, INDIA. (http://www.mysoremedicalcollege.com/)

2. Mysore Medical College was established in 1924 and was the first medical college in the state of erstwhile Mysore state (now called Karnataka) and only the seventh in the country at that time. The Academic atmosphere and the facilities provided are good. Being a Government institute the clinical work and experience is excellent. There is an emphasis on the overall development of the doctor with opportunity to excel in curricular and co-curricular activities. Attached to this medical college are K R Hospital and Cheluvamba Hospital. Both these Hospitals are Tertiary Referral Centers and Teaching Hospitals attached to the Mysore Medical College. K R Hospital has a total bed capacity of around 1330 which includes 335 beds in General Medicine, 313 in General Surgery and about 500 in other specialties like ENT, Ophthalmology, Urology, Plastic Surgery, Psychiatry and others. The hospital has a 24 hour casualty, radiology, microbiology, pathology and biochemistry laboratories, blood bank and pharmacy catering to its needs.

## **Curricular Achievements during MBBS**

Pass of all examinations at First Attempt, with:

- a. Distinction in Pharmacology
- b. First class in many other subjects

## **Co-curricular Achievements during MBBS**

- a. Winner of the state level debate competition
- b. College Literary secretary during this period
- c. Editor of college magazine

### **Post-Graduation**

MS (Masters in General Surgery): 1988 – 1991

From Bangalore Medical College (Bangalore University), Karnataka, INDIA. (www.bmcri.org) Bangalore Medical college is a Government Medical College and is rated among the top 10 Medical Colleges of the Country. The patient load and clinical experience is vast, and the surgical skills are acquired quickly. This medical college is attached to Victoria Hospital (1000 beds), Vanivilas Hospital for Maternity and Child Health (536 beds), Minto Ophthalmic Hospital(300 beds), Bowring and Lady Curzon Hospital(686 beds). Bangalore Medical College

was established in 1955 and has all the specialties offering undergraduate, postgraduate, super specialty degrees and fellowships in all the disciplines of medicine and surgery.

## **Curricular Achievements during MS**

- a. Passed both Theory and Clinical examinations at the First Attempt.
- b. Passed MS with first class in Bangalore University examination
- c. Secured First rank in the University MS examinations
- d. Winner of Bangalore University Gold medal for securing first rank in MS exams

## **Teaching Experience during MS**

During the MS residency program actively involved in teaching undergraduates both theory and clinical aspects. Conducted ward rounds and bedside teaching.

## **Fellowships:**

- 1. Fellow, Association of Indian surgeons (FAIS) 1996
- 2. Fellow, International college of surgeons, USA (FICS) 1999
- 3. Fellow, Royal College of Physicians & surgeons(Glasgow) (FRCS) 2014
- 4. Fellow, American College of Surgeons(FACS) 2017
- 5. Fellow in Metabolic & Bariatric Surgery (FMBS) 2020

### **HOSPITAL APPOINTMENTS**

#### In the Past

1983 to 1988: After passing MBBS served in Army Medical Corps as MO in the rank of captain and worked at Military Hospital Secunderabad(Andhra Pradesh), Military Hospital Pathankot (Punjab), Military Hospital Jammu( J & K), Military Hospital Trivandrum and acquired valuable experience as a General Duty medical Officer. During this period I also worked in the difficult border areas of Poonch sector in Jammu & Kashmir as Field medical officer.

1988 to 1991: While doing my MS post-graduation residency program I worked in Victoria Hospital and Bowring & Lady Curzon Hospital under the guidance of Prof. C Vittal, FRCS. During this period my duties included taking care of OPD, patients, ward rounds, OT scheduling, emergency call duties, doing minor and major surgeries under supervision, teaching MBBS students, thesis work, etc.

1992 to 1995: Resident surgeon, St. Philomena's Hospital, Bangalore

1996 to 2002: Consultant Surgeon, St. Philomena's Hospital, Bangalore, India,

2002 till date: Consultant Surgeon and Unit Head, Surgical Unit III, St.Philomena's Hospital, Bangalore, India

2000 to 2008: Visiting consultant surgeon attached to Mallya Hospital and Lakeside Hospital which are multi-specialty hospitals located in Bangalore city

1996 to 2000: charitable work as a general surgeon at Sri Sathya Sai General Hospital, Whitefield, Bangalore

2008 till Feb 2016: Consultant and Head of Gastrointestinal and Bariatric Surgery

Department at Columbia Asia referral hospital, Yeshwanthpur, Bangalore

#### At Present

- 1. Head of the department of Surgery & Allied Specialties, Aster CMI Hospital, Bangalore
- 2. Program Director, Bariatric and Metabolic Surgery Center of Excellence, Aster CMI Hospital, Bangalore
- 3. Principal, College of Allied Health Sciences, Aster CMI Hospital, Bangalore
- 4. Academic Director, Aster CMI Hospital
- 5. Teaching Faculty, DNB Surgery, Aster CMI Hospital, Bangalore
- 6. Teaching Faculty for Fellows of Bariatric & Metabolic surgery, Aster CMI Hospital
- 7. Teaching Faculty: College of Allied Health Sciences, Aster CMI Hospital, Bangalore (www.asterhospitals.in)

Aster CMI Hospital, Bangalore is DM Healthcare's continuation of its endeavor to create world-class, patient-centric hospitals driven by medical innovations and a culture of excellence. Aster DM Healthcare Group, having revamped the existing massive structure, launched a comprehensive super - specialty hospital. The Aster CMI Hospital has contemporary state-of-the-art facilities accommodating close to 500 beds and offers comprehensive primary care to quaternary care services with Centres of Excellence in Cardiac Sciences, Neurosciences, Gastroenterology Sciences, Surgery and Allied Specialties, Integrated Liver Care, Organ Transplant, Urology and Nephrology, Orthopaedics, Women's Health, and Child & Adolescent Health. Everything at Aster CMI is designed keeping in mind the comfort of our patients. The serene environment, spacious interiors, and advanced facilities create a positive ambiance that is conducive to healing. In a nutshell, Aster CMI stands out from the rest of the peer hospitals on the hospitality front.

## Columbia Asia Referral Hospital, Yeshwanthpur, Bangalore

(Presently under Manipal Hospitals) Columbia Asia is an international healthcare group operating a chain of modern hospitals across Asia. Columbia Asia Hospitals Pvt. Ltd.is one of the first healthcare companies to enter India through 100% foreign direct investment (FDI) route. Columbia Asia hospitals are clean, efficient, affordable and accessible. The innovative design of the hospitals, from their manageable size to their advanced technology, is focused on creating positive experience for patients.

Columbia Asia Referral Hospital — Yeshwanthpur is a comprehensive super specialty facility situated in the upscale Yeshwanthpur locality of Bangalore. The hospital was opened in July 2008 and is already considered among the best hospitals in India. The medical and support teams are highly qualified and have been trained in some of the best institutions in the world. The capabilities of the hospital include Cardiology, Orthopedics, Obstetrics & Gynecology, Internal Medicine, General Surgery, Pediatrics, Ophthalmology, Neurology, Neurosurgery, Organ Transplant, ENT, Urology, Gastroenterology, Dermatology and Plastic Surgery. Bariatric Surgery, Deep Brain Stimulation (DBS), Bone Marrow (BMT), Liver and Kidney Transplants are some areas of special expertise. The hospital has international standard infrastructure and follows globally benchmarked standards of medical, nursing and operating protocols making it the preferred healthcare destination for patients from around the world.

St. Philomena's Hospital, Bangalore, India (http://www.stphilomenashospital.com)

St. Philomena's Hospital is a Catholic Mission Hospital run by the Sisters of JMJ with more than 350 bed strength. It was established in the centre of Bangalore city in 1937 and has been of service as a General Hospital to the middle and lower income groups of the population for over 75 years. The Hospital is affiliated to the National Board of Examinations, New Delhi for the teaching and training of postgraduate residents for the Diplomate Examinations in various specialty, conducted by the Board. All the major disciplines of Medical care are represented in the hospital. The hospital also has a College of Nursing attached to it.

The Department of Surgery has 5 general surgical units with separate units for Urology, Pediatric surgery Plastic surgery and Neurosurgery. While all 5 units handle a wide variety of general surgical work and competent in Laparoscopic Surgery our unit mainly takes up gastrointestinal surgical work.

Each unit has a weekly schedule of Out-patient and Emergency call duty, detailed ward rounds, teaching and audit meetings and the operative work. Each unit is in the charge of a Senior Consultant Surgeon with more than 12 years of surgical experience after post-graduation. There are qualified surgeons (designated as Resident Surgeons) in each unit, each with 2 – 5 years experience, 2 surgical resident post-graduate students and a rotating Intern doctor.

A well equipped and staffed Intensive care Unit of 18 beds deals with the post-operative cases and the other acutely ill surgical patients. A modern Radiology Dept. with Ultrasound, C-arm,CT

scan, Endosono etc., a modern Pathology section with blood bank, and busy endoscopy service are the useful ancillary services for effective surgical care.

## **OPERATIVE EXPERIENCE**

After my post graduation in surgery I joined St Philomena's Hospital as Resident Surgeon (1992). During this period I worked full time for this hospital doing all emergency and elective surgeries in this 350 beds hospital.

Later I was promoted as consultant surgeon (1996). I was the first resident surgeon to be promoted as consultant surgeon in this hospital since its inception considering my dedication, skill and perseverance to excel in the field of surgery.

I developed a keen interest in Gastrointestinal and pancreatic surgery and got training and fellowship in this field from various institutions from India and abroad. For this purpose I got trained in GB Panth Hospital, New Delhi and PVS Memorial Hospital, Cochin.

Later I was clinical observer at Southampton University Hospital, North Manchester General Hospital (UK), Memorial Sloan Kettering Hospital, New York (USA) and Heidelberg University Hospital, Germany. These exposures have given me wonderful insight into the management of various surgical problems across the globe.

I was one of the few surgeons who started doing Laparoscopic surgery way back in 90's and have considerable experience in this field. Due to my expertise in the field of pancreatic surgery my referrals for various pancreatic problems increased. I have done surgeries for all types of pancreatic problems which need surgery – both laparoscopic and open including 132 Whipple's pancreatico-duodenectomies. I was the first surgeon to do

Laparoscopic Whipple's in our state of Karnataka. In 2004, I joined hands with Prof. Dr Nandakumar Jairam to start group practice in surgery and the Sapthagiri centre for specialty surgery, which both of us started is a very successful group providing quality surgical services in Bangalore city. Our surgical group consisting of ten surgeons provides the General surgery and GI surgery services to Columbia Asia Hospitals, Bangalore and surgical Unit III at St.Philomena's Hospital.

As an extension of my skills in gastrointestinal and laparoscopic surgery I got trained in the Bariatric and Metabolic Surgery and started the first such department at Columbia Asia Referral Hospital, Yeshwanthpur, Bangalore. I am successful in offering this surgery to 128 patients till now at Columbia Asia hospitals, Bangalore where I am the Director of Bariatric and Metabolic Surgery department. With the help of our multidisciplinary team, I have operated the morbidly obese patients from countries like USA, Nigeria, Oman, Iraq and Mauritius apart from patients from our own country without much morbidity and no mortality.

Presently my field of interest is upper GI, pancreatic and Bariatric/Metabolic surgery and I mainly concentrate on these specialties.

The common operations I have performed since 1992 are: (both open and laparoscopic)

- 1. Head & Neck: Salivary gland excisions (Parotid & Submandibular) Excisions of Midline and Lateral Swellings Lymph node biopsies, Clearance of Koch's nodes Thyroidectomies, (Hemi, subtotal, total) Tracheostomies.
- 2. Breast: Excision of Benign Breast lesions Mastectomies and Axillary Clearance
- 3. Thoracic: Surgery for suppurative pleuro-pulmonary disease (ICDs, rib resections, VATS, decortications), Esophageal resections, Heller's cardio myotomy
- 4. Upper GI: vagotomy, gastrojejunostomy, devascularization procedures Gastrectomies, partial and total (open and laparoscopic); Hiatus hernia repair / Nissen's Fundoplication, Dor's fundoplication, Colonic interposition for esophageal corrosive strictures
- 5. Hepato-Biliary: Hydatid cysts of the liver, minor liver resections, Liver abscess and Subphrenic abscess Drainage, Cholecystectomies, and CBD clearance, Biliary Enteric Bypass; choledochal cyst excision and reconstruction; radical cholecystectomy;
- 6. Pancreas, Spleen: cystoenterostomies; Pancreatic necrosectomy; Lateral Pancreatic-Jejunostomies Frey's procedures; open and laparoscopic Whipple's, Redo pancreatic drainage/ resection procedures, Splenectomy
- 7. Intestinal: Resection and anastomosis for various benign and malignant causes, Appendectomy, and all types of colectomies both open & laparoscopic, Surgery for rectal prolapse, colorectal malignancies
- 8. Ano –Rectal: Haemorrhoidectomy, Fistulotomy, seton insertions, managing suppurative perianal conditions, Sphinterotomy, pilonidal sinus excisions,
- 9. Hernias: Ventral abdominal hernias mesh repair (incisional, paraumbilical) Groin (Ingunial, Femoral,)— open and laparoscopic
- 10. Genitalia: Circumcisions, Hydrocoeles, Varicocoeles Excisions of benign & malignant lesions.
- 11. Limbs: Split skin grafts, Varicose Vein surgery. amputations
- 12. Bariatric/ metabolic: Laparoscopic Roux en Y gastric bypass; sleeve gastrectomy; mini gastric bypass/ One Anastomosis Gastric bypass; re-do/ revision bariatric surgeries

### **ACADEMIC & TEACHING APPOINTMENTS**

1. Instructor/Guide for Surgery postgraduate students for Diplomate of the National Board (DNB), New Delhi, in General Surgery, from 2002 to 2016. Over 14 surgical residents have completed their surgical residency under my Instruction, and were able to successfully

complete the Final theory and Clinical Examinations in General Surgery, conducted by the National Board of Examinations (NBE), New Delhi.

Many of these residents have gone on to do super specialization in various surgical disciplines, and are now well placed and have joined the pool of surgical talent in the country. Since 2019 DNB (Gen Surgery) teacher at Aster CMI Hospital. Also the faculty for FMBS at Aster CMI Hospital.

- 2. Faculty, Bangalore Endoscopy Surgical Training (BEST) Institute, Bangalore, India, 1999—present. This Institute runs training courses in batches of 7 10 young surgeons and gynecologists, giving them the basic training and introduction to the world of Minimally Invasive Surgery. Lectures, pelvi- trainer exercises, Virtual Reality exercises and finally assisting at laparoscopic surgery, are packed into this programme. Over 50 such batches of eager young laparoscopy enthusiasts have been trained and guided over the past 12 years.
- 3. For the National Board of Examinations, (NBE), New Delhi:
- a. Examiner for the Clinical and Practical Examinations in General Surgery
- b. Examiner/ Coordinator for conduct of the Clinical and Practical Examinations in General Surgery

## MENTORING, SERVICE, TEACHING & ADMINISTRATIVE SKILLS

- Mentor (for over 20) and Dissertation Guide (for 10 post graduate residents) in General Surgery during their 3 year residency at St. Philomena's Hospital/aster CMI Hospital, accredited with the NBE, for DNB studies since 2002. Also, teaching and guiding young internee doctors and other surgical house staff, as they work through the department. Continuing to be the teacher and mentor at Aster CMI Hospital for DNB, FMAS and FMBS students.
- Compassionate and dedicated surgical service (for over 21 years), to the urban poor and lower middle class, who attend the St. Philomena's Hospital, run by the Sisters of the JMJ, in Bangalore.
- Invited faculty at the College of Nursing (at St. Philomena's Hospital), Bangalore for surgical lectures to the students of both, the General Nursing and Midwifery Course and the Bachelors of Science Course in Nursing and for surgeons at Bangalore Endoscopic Surgery Training Center
- Teaching and Operating Faculty on many surgical CME courses and updates at Local, State and National conferences, meetings and other scientific / academic forums.
- Administration of hospitals units, especially services like the Operating Suites, Sterile Supply Units, Infection Control, Waste Disposal, blood bank Pharmacy etc. Head of the department and program director at Aster CMI Hospital

## SOCIAL SERVICE AND COMMITMENT

- Offered free surgical services for five years at Sri Sathya Sai General Hospital, Whitefield with the blessings of His Holiness Late Sri Sathya Sai Baba. Every Monday visited Sathya Sai Hospital and used to run the busy OPD and then operate till night and sometimes if surgeries were many, operated on the whole of Sundays too.
- Actively involved in 2001 Gujarat Earthquake medical relief works and conducted free surgical work at Sadhu Vasawani Mission Earthquake Relief Hospital camp from 1.2.2010 to 10.02.2010 at Anjar, Bhuj district of Gujarat, India, saving many lives and limbs.
- At St.Philomena's Hospital, a charitable missionary hospital doing surgical consultations and operations free for the last 22 years for poor patients admitted to the General ward
- Also involved in many philanthropic works. Built school rooms and donated them to two villages where I did my schooling. Many children are getting their education there. Extend financial support every year to poor students who wish to join schools or continue their education.

#### CO CURRICULAR SURGICAL ACADEMICS

Actively involved as faculty/co-ordinator in the following academic program of the city:

- 1. Surgical Society of Bangalore & city chapter of Association of Surgeons of India (www.ssbasicc.org) Conducts monthly clinical meetings which include PG teaching, poster, and paper presentations.
- 2. Bangalore Surgical Gastroenterology Group: This group consists of city surgeons dedicated to surgical gastroenterology problems and we meet once in 2 months on the last Wednesday of the month and deliberate on difficult surgical cases related to GI and HPB
- 3. Bangalore gastroenterology group: This group consists of medical and surgical gastroenterologists, pathologists, radiologists etc and we Meet every month on the first Thursday and discuss interesting cases encountered during the month
- 4. CSEP: This continuing surgical education program is conducted in Bangalore once in a year lasting for 5 days (Monday to Friday) and about 400 PGs from all over the country participate in this teaching program. The teaching faculty is selected from various medical colleges and other institutions and full-day program includes bedside clinics, guest lectures, radiology sessions etc.
- 5. Basic surgical skills workshop: Conducted once a year for postgraduate students in surgery; includes suturing, knotting, open and laparoscopic surgery basic skill training

#### NATIONAL COMMITTEES & LEADERSHIP ROLE

- Executive Committee Member, Karnataka State Chapter of ASI (2013 2015)
- Honorary Secretary, Karnataka State Chapter of ASI (2015 2017)

- President, Surgical Society of Bangalore & ASI City chapter (2014)
- Secretary, Surgical Society of Bangalore & ASI City chapter (2012)

[During this period the society achieved many firsts – including the Best City Chapter award

(national level), Best City Chapter award (state level) and also saved more than Rs.10 lakhs for the yearly CSEP (continuing surgical education Program)]

- Executive Committee Member, Surgical Society of Bangalore (2011)
- Member, Organizing committees, of Local, State, National and International Conferences held in Bangalore, over the past 20 years
- Organising Chairman for the annual "live operative workshop & CME on Morbid Obesity" at Columbia Asia, Hospital, Bangalore(2013,2014)
- Organising Secretary for the annual "National Surgical Gastroenterology Update" with operative

workshop and CME at Bangalore

- Executive Committee Member, Obesity Surgery Society of India(OSSI) 2018 to 2020
- Executive Council Member, OSSI 2020 to 2022
- National Executive Committee member, Association of Surgeons of India 2019 to 2021
- Secretary, ASI Website 2019-2020
- ASI Webinar Committee Chairman 2019-2020
- Organising CoChairman, State ASI Conference (KSCASICON-2020)
- Organising Chairman, 19th National Obesity & Metabolic Surgery Society of India ) OSSICON2022)
- Chairman-Elect, KSCASI 2023

### PROFESSIONAL ACTIVITY

Registrations (with) Karnataka Medical Council, India, - Reg. No. 22139

## Affiliations (Life Membership)

- Surgical Society of Bangalore (SSB)
- Association of Surgeons of India (ASI)
- Association of Minimal Access Surgeons of India (AMASI)
- Indian Association of Surgical Gastroenterology (IASG)
- Indian Association of Gastrointestinal Endo Surgeons (IAGES)
- International Hepato Panancreato Biliary Association (IHPBA)
- Indian Pancreas Club( IPC)
- Indian Medical Association (IMA)
- Surgical Society of Bangalore & City Chapter of ASI (SSBASICC)
- Bangalore Gastroenterology Group (BGG)
- Bangalore Surgical Gastroenterology Group (BSGG)
- Obesity and Metabolic Surgery Society of India (OSSI)
- International Federation for the surgery of Obesity & Metabolic Disorders(IFSO)

#### **Awards**

- Bangalore University Gold medal award
- Sainya Sewa Medal from the Government of India
- Rotary Gold medal award from Rotary International
- Mahadevan's Award from the Association of Surgeons of India,
- "Doctor of the Year 2013" by the family Physicians Association of India
- Vidyaranya Video award from KSC-ASI

## **Orations:**

- 1. Dr. HS Bhat Memorial orations KSCASI state conference-2019
- 2. Prof M Authikesavulu Memorial Oration- Surgical Society of Bengaluru- 2018

3. Prof. Balakrishna Rao Memorial Oration- Association of Surgeons of India -2023

### Research

The following research papers were produced under my expert guidance as a requirement for the Diplomate of National Board (Post-graduate) Examinations by my students:

- 1. Comparison of Alvarado scoring with clinical/imaging in acute appendicitis
- 2. Efficacy of Gentamycin irrigation Vs normal saline in inguinal hernia mesh repair
- 3. A study of Efficacy of medical management Vs. nitroglycerin ointment in fissure in ano
- 4. A comparative study of regional anesthesia and TIVA (Total Intra Venus Anaesthesia) using propofol

during Inguinal hernia mesh repair

- 5. A study of Alexis wound retractors/protectors in preventing wound infections in laparotomy
- 6. Combined inguinal hernia mesh repair and TURP for treating groin hernias and benign hyperplasia of the prostate- a prospective study

#### **PRESENTATIONS**

Presented over 200+ papers, guest lectures and 12 posters (Primary Presenter) at State, National, &

### International conferences.

Presented over 30 papers and 25 posters (as co-author), at State, National, & International conferences.

### **PUBLICATIONS**

• More than just skin deep! A report on a family with Muir–Torre syndrome

Int J Colorectal Dis DOI 10.1007/s00384-006-0119-4

• Is duodenojejunostomy an adequate procedure for SMA syndrome? Tropical

Gastroenterology vol.30 number 3 /s July-Sept 2009

- A good misdiagnosis to make: SA Pai, N Bhat, HV Shivaram, KP Suneetha; Indian Journal of Gastroenterology 31 (4), 210-211
- Single Incision Laparoscopic Cholecystectomy: Is it possible using conventional

laparoscopic instruments? HPB vol.12. April 2010.page 357

- Compound periampullary tumour with liver metastases How to manage? Tropical
  Gastroenterology vol.31 number 3 /s1 July-Sept 2010
- Caecal volvulus: a cause for intestinal obstruction Tropical Gastroenterology
  2012;33(3):229–231
- Superior mesenteric artery syndrome: A surgical dilemma- S Siva, HV Shivaram
  Tropical Gastroenterology 37 (4), 295-296
- A rare complication of Meckel's diverticulum- S Siva, HV Shivaram
  Tropical Gastroenterology 37 (3), 223-225
- Why do adverse incidents occur? A chapter in "A Handbook of patient safety" published by Rajiv Gandhi University of Health Sciences (2012)
- Pain management during bariatric surgery-Role of TAP Block: Obesity Surgery; August 2014, Volume 24, Issue 8
- How to manage ventral hernias discovered during sleeve gastrectomy? Obesity Surgery;
  August 2014, Volume 24, Issue 8
- Revision of failed Gastric Band & Sleeve Gastrectomy to Mini Gastric Bypass: Journal of Obesity

and Metabolic research; Year: 2015, Volume: 2 Issue: 1 Page: 40-68

Revision of Duodeno Jejunal Bypass (DJB) to Sleeve Gastrectomy: Year: 2015, Volume :

2 Issue :1 Page : 40-68

- Role of Bariatric Surgery in Developing Economies A chapter in the book "Evidence Based Practices in Gastrointestinal, Colorectal & Hepatobiliary Surgery"
   published by Jaypee Brothers (2017)
- MiniGastric Bypass(MGB) Or One Anastomosis Gastric Bypass(OAGB)-A Chapter in the book: Comprehensive laparoscopic Surgery, 4th Edition (2018)

 Manipal Manual of Surgery , Fifth edition 2020 – A Chapter on Management of massive ventral hernias

 OSSI (Obesity and Metabolic Surgery Society of India) Guidelines for Patient and Procedure Selection for Bariatric and Metabolic Surgery, Obesity surgery 2020 https://doi.org/10.1007/s11695-020-04497-1

• Trends and progress of bariatric and metabolic surgery in India. Updates Surg.

2020 Apr 24. doi: 10.1007/s13304-020-00774

Brunner gland adenoma: A rare cause for upper gastrointestinal bleeding.

Tropical Gastroenterology. Vol.42,no.4,October- December 2021

■ Transverse Colon Diverticulitis: An uncommon cause of a surgical acute abdomen. Indian Journal of Colorectal surgery. volume XX, month XX 2021

Obesity Risk Assessment Concept: Diabetes Obes Int J 2021, 6(1): 000238

• Validation of Patient-Oriented Risk Assessment Tool in Indian Patients with Obesity: Results from the Large-Scale Evaluation of the Novel Concept Tool. Diabetes. Obes Int J 2023, 8(2): 000272.

#### REFERENCES

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