

Dr Raj Palaniappan

MBBS, MS, MMAS, FICS (GE), DMAS, FMAS, FMBS, FALS, FIBC, FRS

PERSONAL DETAILS:

Raj Palaniappan

Address: Apollo Hospitals, 21 Greams Lane, Chennai - 600006

+91 9566095660

E-mail: docraj@me.com

Date of birth: 27 / 11/ 1972

Registration: 58794, Tamilnadu Medical Council, India

Website: www.apollobariatrics.com

Primary Medical Qualification:

Postgraduate Certification:

Super Speciality Certification:

Further Certification:

M.B.B.S.

Rajah Muthiah Institute of Medical Sciences.Chidambaram

Annamalai University, India, December 1996

M.S. (General Surgery)

Sri Ramachandra Medical College, Chennai

Ramachandra Deemed University, India, November 2000

M.M.A.S. (Masters in Minimal Access Surgery)

Ninewells Hospital and Medical School, Dundee

University of Dundee, United Kingdom, September 2003

F.I.C.S. (Fellow International College of Surgeons) GE

International Member –at-large, Illinaos, USA, August 2003

D.MAS. (Diploma in Minimal Access Surgery)

The Global Open University, India, September2010

F.MBS. (Fellowship in Metabolic & Bariatric surgery)

Obesity & Metabolic Surgery Society of India. Feb 2018

F.MAS. (Fellowship in Minimal Access Surgery)

Laparoscopy Hospital, New Delhi, February 2010

F.ALS.(Fellowship in Advanced Laparoscopic Surgery)

Honorary fellowship, IAGES, February 2012

F.R.S. (Fellowship in Robotic Surgery)

International Accreditation Organisation, USA, April 2012

FARIS (Fellow Advanced Robotic Innovative Surgery)

Association of Robotic Innovative Surgeons, Jan 2023

PRESENT POSITION:

INSTITUTE OF BARIATRICS: DIRECTOR & LEAD SURGEON

Apollo Hospitals, Chennai

Since October 2010

PREVIOUS APPOINTMENTS:

DEPARTMENT OF SURGICAL:

GASTROENTEROLOGY HEAD OF THE DEPARTMENT & LEAD SURGEON

Apollo Victor Hospital

Goa, India.

36 months

October 2007 – October 2010

DEPARTMENT OF SURGICAL GASTROENTEROLOGY

LifeLine Multispeciality Hospital

MEDICAL ADMINISTRATOR & CONSULTANT SURGEON

18 months

Chennai, India March 2006 – October 2007

DEPARTMENT OF GENERAL SURGERY:

Sri Ramachandra Medical College

ASSISTANT PROFESSOR

18 months

Chennai, India Sep 2004 – March 2006

DEPARTMENT OF GENERAL SURGERY:

PSG Institute of Medical Sciences,

ASSISTANT PROFESSOR

12 months

Coimbatore, India Oct 2003 – Sep 2004

MASTERS in MINIMAL ACCESS SURGERY:

Ninewells Hospital & Medical School

RESEARCH RESIDENT

12 months

University of Dundee, United Kingdom Oct 2002 – Sep 2003

RECENT PUBLICATIONS:

Safety and Efficacy of Sleeve Gastrectomy with Sleeve Jejunal Bypass: 3 and 5 year Data

Raj Palaniappan, et al, Journal of Bariatric Surgery, Sep 2023; 2(3):125-131

Validation of Patient Oriented Risk Assessment Tool in Indian Patients with Obesity
Raj Palaniappan, et al, Diabetes Obes Int J. 2023, 8(2): 1-5
Early Experience with Hugo RAS Robotic Bariatric Surgery using BAROS Principles
Raj Palaniappan, et al, Int J Adv Robot Innov Surg, Jan 2023 1(1): 29-34
Complications after bariatric surgery: A multicentric study of 11,568 patients from Indian bariatric surgery outcomes reporting group
Raj Palaniappan, et al, J Minim Access Surg. Apr 2021, 17(2):213-220
OSSI Guidelines for Patient and Procedure Selection for Bariatric and Metabolic Surgery
Raj Palaniappan, et al, Updates Surg, 2020 Apr 24
Trends and Progress of Bariatric and Metabolic Surgery in India
Raj Palaniappan, et al, Obes Surg. 2020 Jun;30(6):2362-2368
Management of Leaks after Sleeve Gastrectomy
Rajkumar Palaniappan, et al, Bariatric Surgical Practice Guide, 201-211, Springer, 2017

AWARDS & ACHIEVEMENTS:

Started first ever university Fellowship in Advanced Robotic & Innovative Surgery - Sep 2022
Founding member - Association of Robotic & Innovative Surgeons in April 2022
Icon of Healthcare - 30 Jan 2020, Tamil Nadu
Times Healthcare Achievers Award, Chennai
Excellence in Robotic Surgery Award – 18 Sep 2015, Apollo Group of Hospitals, Chennai
Surgeon of Excellence – International Excellence Federation (IEF), Taiwan, March 2014
Excellence in New Initiatives Award – 18 Sep 2013, Apollo Group of Hospitals, Chennai
Chikitsa Rattan Award - 22 May 2007, International Study Circle, NewDelhi
Created a novel “Single Anastomosis Sleeve Jejunostomy” bariatric surgery since May 2019.
Performed World’s first 3 Port Fully Robotic Bariatric Surgery in Sep 2021
Performed World’s first SILS Revision Bariatric Surgery in July 2011
Performed Asia’s first Endoluminal Sleeve Gastroplasty in January 2012
Performed India’s first SILS Bariatric Surgery in October 2009
Performed India’s first Robotic Bariatric Surgery in December 2011
Invented “Hiatal Sling” liver traction technique for Single Incision Laparoscopic - Oct 2009
Author of “Rule of Hand”, an innovative technique of laparoscopic port placement - May 2006
Team member - “Dundee Multitool” invention for Hand Assisted Lap Surgery - Oct 2003
Authored an yet to be published international textbook chapter “Hernia and Bariatric surgery”
Executive Council Member, Obesity & Metabolic Surgeon’s Society of India - Since 2013
Professor of Surgery, Saveetha Medical College, Chennai
Faculty, Masterclass in Bariatric Surgery, Duke University, Durham, USA - Nov 2017

Started first-of-its kind National Bariatric Registry for Obesity Surgery Society of India - Feb2016
Convened first-of-it kind virtual academic fellowship platform for OSSI since April 2018
Coordinated the creation of virtual fellowship program for IAGES - 2019
Advisory Board for Apollo Simulation Centre - Since 2021

RECENT RESEARCH:

Outcomes of Stoma size in One Anastomosis Gastric Bypass

A prospective randomized control study comparing various stoma sizes of 3.5, 4.5 and 5.5 cm with primary objective of analyzing the outcome with regards to excess weight loss and complications. The secondary objective is to understand the implication of anterior or Posterior placement of stoma on similar outcome. The study will be from March 2024 with 30 subjects being randomized as per ethical committee guidelines.

Influence of Transit in outcome of Single Anastomosis Sleeve Jejunal Bypass

This is a prospective comparative study of patients who underwent SASJ between March 2023 To March 2024, comparing three different stomal diameters and their transit time in influencing

The outcome. A total of 60 patients were included in the study with 20 in each wing of 3, 4 and 5 cm stomal diameter. Initial observation reveals no difference in the transit time. However, final

statistical analysis is underway to arrive at a definitive conclusion.

Hiatal Sling Liver Traction for Bariatric & Upper GI surgeries - 15 years experience
Retrospective data collection of 1874 patients who underwent bariatric and upper GI surgeries was meticulously collected between Oct 2009 and March 2024. Operative notes and peri-operative period was analyzed to observe for any complications or technical failures. Additional non-randomised comparative study was done between January 2022 and January 2023 amongst the patients who underwent surgeries by using Nathanson liver retractor and Hiatal Sling retraction technique.

MEMBERSHIPS:

International Federation for the Surgery of Obesity (IFSO)

European Association for Endoscopic Surgery (EAES)

European Association of Trans-luminal Surgery (EATS)

Asia Pacific Metabolic and Bariatric Surgery Society (APMBSS)

American Society of Metabolic & Bariatric Surgery (ASMBS)

Endoscopic and Laparoscopic Surgeons of Asia (ELSA)

International Association of Surgeons, Gastroenterologist and Oncologists (IASGO)

Association of Robotic & Innovative Surgeons (ARIS)

Clinical Robotic Surgery Association (CRSA)
World Association of Laparoscopic Surgeons (WALS)
Obesity and Metabolic Surgery Society of India (OSSI)
Indian Association of Gastrointestinal Endosurgeons (IAGES)
Association of Minimal Access Surgeons of India (AMASI)
Association of Surgeons of India (ASI)

TEACHING:

- Program Director for FMBS (Fellowship in Metabolic & Bariatric Surgery), one year clinical fellowship degree conducted by OSSI (Obesity Surgeons Society of India) since April 2019
- Academic Convenor “Association of Robotic & Innovative Surgeons” for its fellowship course (FARIS), an international fellowship in association with SRIHER, India from 2023.
- Managing Director of ‘Forum for Laparoscopic Innovative Practices” (FLIP), a training course covering all aspects of innovations in laparoscopy and bariatric surgery since Oct 2011.
- Qualified tutor for courses conducted by ‘Ethicon Institute of Surgical Education (EISE), and PACE foundation by Medtronic
- Professor of Surgery in Saveetha Medical College, Chennai and Honorary Professor of Surgery at Manipal Medical University, Mangalore.
- Examiner for FIAGES (Fellowship of Indian Association of Gastrointestinal Endosurgeons and FAMASI (Fellowship of Association of Minimal Access Surgeons of India)

FIELDS OF INTEREST:

- My main field of interest will be Bariatric and Metabolic Surgery and its technological advancements like Single Incision, Robotics and Endoscopic modalities. Incidentally introduced all the three novel modalities for Bariatric surgery in India. I have completed more than 2500 successful bariatric surgeries since 2005 with main focus on novel and re-do procedures. Outcome parameters like excess weight loss, resolution of comorbidities, complications, morbidity and mortality are comparable with International standards.
- My second passion will be academia with a keen interest in sharing the knowledge and experience with the next generation. Helped organizations like Apollo, OSSI, IAGES, Saveetha, Manipal with their virtual / contact degree and training programs. With information technology as a hobby, am instrumental in creating plenty of mHealth platforms for various

organizations including Apollo Hospitals (MedMantra), GoldCoast IT Solutions (MedBand), AmZetta Technologies (BOLT), etc

LIVE SURGICAL DEMONSTRATIONS (RECENT):

Robotic Single Anastomosis Sleeve Jejunostomy
OSSICON 2024, 26 Nov 2022, LeMerien, Kochi, India
Robotic One Anastomosis Sleeve Jejunostomy
IAGES 2024, 3 Feb 2024, Taj Coromondel, Chennai, India
HugoRAS Robotic One Anastomosis Gastric Bypass
OSSICON 2023, 3 March 2023, JW Marriot, Mumbai, India
Robotic Single Anastomosis Sleeve Jejunostomy
BAROS 2022, 26 Nov 2022, Apollo Hospitals, Chennai, India
Lap Single Anastomosis Sleeve Jejunostomy
Apollo BAROS 2021, 1 July 2021, Apollo Hospital, Chennai, India
Lap One Anastomosis Gastric Bypass
Apollo BAROS 2020, 11 Oct 2020, Apollo Hospital, Chennai, India
Lap Single Anastomosis Sleeve Ileostomy
Global Surgicon 2019, 1 Nov 2019, Glenagles Global Hospital, Chennai, India
Robotic One Anastomosis Gastric Bypass
CRSA India Launch, 24 Aug 2019, Sir Gangaram Hospitals, New Delhi, India
SILS One Anastomosis Gastric Bypass
PACE Bariatric by Medtronic, 25 May 2019, Apollo Hospitals, Chennai
3-port laparoscopic revision bariatric surgery – Sleeve to OAGB
Ethicon Enlight Bariatrics, 16 March 2019, Apollo Hospitals, Chennai

INVITED LECTURES IN MAJOR CONFERENCES (RECENT):

Complications after Robotic Gastrointestinal Surgeries
Association of Robotic & Innovative Surgeon ARIS 2024, 2 March 2024
Understanding Transit Bipartition
OSSICON 2024, 9 Feb 2024
Use of various Robotic platforms in Bariatric Surgery
IFSO-Asia Pacific Chapter, 2 Dec 2023
Surgical Complications after Roux-En-Y Gastric Bypass
London International Bariatric surgery Symposium LIBSS2023, 28 Nov 2023
Principles of Stapler usage in Bowel surgeries
Global Surgeons Summit, Meril, Vapi, 19 May 2023
Consensus on the use of Anti-obesity Medications
OAM Consensus Meeting, Mumbai, 17 May 2023

Single Anastomosis Sleeve Jejunal Bypass

OSSICON 2023, 3 March 2023

Reflux, Obesity and Bariatric surgery Panel Discussion

London International Bariatric surgery Symposium (LIBSS2021 - Virtual), 26 Nov 2021

Bariatric Surgery and Pregnancy - Together We Win

FOGSSI 2021 Webinar, 30 May 2021

Laparoscopic Surgical Stapling Technology under the Microscope

22nd IBC Oxford University Hot Topics in Bariatrics Webinar, 01 Dec 2020

VTE Prophylaxis and Patient Safety - Consensus Formulation

Indian Venous Thromboembolism Forum Webinar, 31 Oct 2020

How to prevent complications in Bariatric Surgery

INDO-UK SURGICON Webinar 2020, 16 Oct 2020

Single center Outcome following LSG, OAGB, RYGB

AIIMS EndoSurg 2019, 16 Nov 2019, New Delhi, India

Ergonomics of Robotic Bariatric Surgery

CRSA India, 24 Aug 2019, New Delhi, India

Single Anastomosis Sleeve Ileostomy - 1 yr outcome of a modified technique

IFSO 2019 - 8 Sep 2019, Madrid, Spain

Endoscopic management of multiple complications following Banded RYGB

IFSO 2019 - 8 Sep 2019, Madrid, Spain

Update on Bariatric and Metabolic SurgerySurgery

Meril Best Practices International Congress, 21 Sep 2019, Vaapi, India

Robotis a boon to bariatric surgery speciality MAX RoboLab, 27 April 2019, New Delhi, India

Outcome of Revision Bariatric surgery for complications - 10 yr experience

OSSI 2019, 25 Jan 2019, Kolkata, India

Single Incision Bariatric Surgery – An update

FALS Bariatrics, 10 Aug 2018, Ahmedabad, India

3 yr outcome following one anastomosis gastric bypass

MGB-OAGB CON, 28 June 2018, Valladolid, Spain

WORKSHOPS ORGANISED (RECENT):

Advanced Robotic & Innovative Surgery Cadaver Course

SRMC, 18 - 22 July 2023, Chennai, India

Fellowship in Advanced Robotic & Innovative Surgery – Hands-on Training

Fairfields, 18 - 22 Jan 2023, Goa, India

Anti-Obesity Day Bariatric Surgery – Live Workshop

BAROS 2022, 26 Nov 2022, Apollo Hospitals, Chennai

Novel Single Anastomosis Sleeve Jejunostomy – Live Workshop
Apollo BAROS 2021, 1 July 2021, Apollo Hospitals, Chennai
Decoding One Anastomosis Gastric Bypass - Step by Step Approach
Apollo BAROS 2020, 11 Oct 2020, Apollo Hospital, Chennai, India
ENLIGHT Bariatrics – Quarterly Live Course & Workshop
2013 to 2019 Apollo Hospitals, Chennai
Essentials in Bariatric Surgery Workshop
Lotus Surgicals, 23-24 Nov 2019, Apollo Hospitals, Chennai, India
Laparoscopic Bariatric workshops – Meril Best Practices Conference
Meril Academy, 21 - 22 Sep 2019, Vaapi, India
Single Incision Bariatric Surgery workshop
OSSICON 2019, 25 Jan 2019, ILS Hospital, Kolkata, India
Duke Masterclass in Bariatric Surgery
Duke University, Raleigh, USA, 17 - 21 Dec 2018

MAJOR CONFERENCES CONDUCTED:

FARIS2023 & FALS 2023
Organising Secretary, Fairfield's, Goa, 18-22 January 2023
OSSICON 2020, 18th National Congress of OSSI
Organizing committee, Taj Vivanta, Chennai, 27 – 29 February 2020
OSSICON 2018, 16th International Congress of OSSI
Congress Chairman, ITC Grand Chola, Chennai, 22 – 24 February 2018
ENLIGHT 2016
Organizing Secretary, Taj Club House, Chennai, 2nd July 2016
ENDOSURG 2014: SILS
Organizing Chairman, Radisson Temple Bay, Chennai, 19-21 Oct 2014
ABSCON 2013
Organizing Secretary, Hyatt Regency, Chennai, 27-28 January 2013
FLIP 2012: Robotic GI Surgery
Organizing chairman, Apollo Hospitals, Chennai, 25 - 27 October 2012

PROFESSIONAL PLAN:

Clinical work:

To practice obesity and metabolic surgery speciality and to develop universally reputed unit.

To perform all forms of advanced bariatric surgeries and research newer procedures.

To popularize SILS (Single Incision Laparoscopic Surgery), and Robotic Surgery and to continue performing a variety of procedures in these emerging fields of surgery.

Teaching:

To train upcoming surgeons in the field of Laparoscopic, SILS & Robotic Bariatric Surgery.

To run an animate and virtual training institute along with other qualified teachers.

To start diploma & masters program in minimal access and bariatric surgery accredited

With international institutes

Research:

To do clinical study in various bariatric & metabolic procedures.

To publish interesting cases & do research in the field of Bariatrics, SILS & Robotic surgery.

To innovate new techniques & instrumentation for laparoscopy, SILS and Robotic procedures.

REFERENCES:

Upon Request