

PROF. (DR.) SANDEEP AGGARWAL

Chairman - Manipal Institute of Minimal Access, Bariatric, GI & Robotic Surgery

Qualification

MBBS (AIIMS) | MS (AIIMS) | FACS (USA) | FCLS

Overview

Prof. (Dr.) Sandeep Aggarwal attended medical school at All India Institute of Medical Sciences (AIIMS), New Delhi and completed his Masters in Surgery (MS) followed by Senior- Residency from AIIMS. He also completed a 1-year Research fellowship at Mount Sinai School of Medicine in New York, USA and a 4 month period at Homerton University, London, UK as a Commonwealth Fellow where he was trained in Bariatric Surgery. He has been a Faculty member in the Department of Surgical Disciplines at AIIMS since 1999 and was head of Surgery Unit II till June 2024. He is the foremost Bariatric Surgeon in Delhi. Prof. (Dr.) Sandeep is a renowned Laparoscopic, Bariatric, GI and Renal Transplant Surgeon in Delhi with more than 30 years of surgical experience. He is the chairman of the Institute of Bariatric, Minimal Access, GI and Robotic Surgery. Dr. Sandeep is widely recognized as a global leader in the field of Bariatric surgery having pioneered and nurtured this specialty in the public sector in India through his excellent clinical and research work in this field. He has performed more than 1300 bariatric surgery procedures, more than 400 renal transplants and more than 10000 laparoscopic surgical

procedures including complex GI surgical procedures, adrenalectomy, splenectomy, hernias etc. Prof. (Dr.) Sandeep is an active researcher with more than 140 publications and several book chapters to his credit. He is a dedicated teacher, has trained several residents and fellows, performed live surgery at several workshops and has delivered more than 200 invited lectures at various national and international conferences. Dr. Sandeep holds editorial positions in several reputed journals including Editor of Journal of Minimal Access Surgery (JMAS). He has been invited as an expert on several Doordarshan health programs and is frequently quoted in media (both print and electronic) on bariatric surgery topics. Dr. Sandeep has been a Convenor/member of several expert committees. He was awarded the Best Researcher Award by the Indian Association of Gastrointestinal Endo Surgeons (IAGES) in the year 2020.

Fellowship & Membership

- Commonwealth Fellow
- Fellowship of American College of Surgeons (FACS)
- Fellowship of International College of Laparoscopic Surgeons (FCLS)
- Fellowship of International Union Against Cancer (UICC)
- Research Fellow in Division of Laparoscopic Surgery; Mount Sinai School of Medicine, New York, USA. (Dec 2005-Dec 2006)

Field of Expertise

- Bariatric & Metabolic Surgery
- Sleeve Gastrectomy
- Gastric Bypass (RYGB / OAGB-MGB)
- Revisional Bariatric Surgery
- Robotic Surgery

- Robotic-assisted surgery
- Hernia & Abdominal Wall Surgery
- Robotic / Laparoscopic Inguinal
- Ventral
- Incisional
- Recurrent / Complex Hernia Repair
- Gall Bladder & Biliary Surgery
- Robotic / Laparoscopic Cholecystectomy
- Selected Biliary Procedures
- Advanced GI & Upper GI Surgery
- Robotic / Laparoscopic Fundoplication
- Hiatus Hernia
- Complex GI / Abdominal Surgery
- Colorectal surgeries, Appendix
- Solid Organ Surgery
- Laparoscopic Splenectomy
- Whipple Procedure
- Adrenalectomy
- Selected Solid Organ Surgery
- General Surgery
- Pilonidal Sinus
- Fistula
- Hemorrhoids
- Soft Tissue Swelling
- Breast Lumps
- Emergency & Trauma Surgery

Languages Spoken

- English
- Hindi

Awards & Achievements

- Best Researcher Award" of the Indian Association of Gastrointestinal Endoscopic Surgeons (IAGES) for the year 2020
- Obesity Surgery Editors Recognition Award for Distinction in Reviewing 2020
- Certificate for Commendation at AIIMS Excellence Research Award; Awarded at 3rd AIIMS Research Day held on 30th January 2024
- Pioneered this speciality of surgery in the government sector in the year 2008. Established and nurtured the specialty of Bariatric Surgery in the Country.
- Have performed more than 1300 bariatric surgical procedures with excellent results at par with World's best centres
- Established a dedicated Bariatric Surgery Clinic at AIIMS. Since its establishment thousands of new obese patients have been registered and counselled for weight loss surgery.
- Instrumental in establishing the 2-year Bariatric Fellowship Program at AIIMS for proper training of surgeons which would help in capacity building
- Helped start similar programs in other public hospitals in the country and mentored the surgeons at AIIMS Bhatinda, Post Graduate Institute of Medical Education and Research (PGIMER), Chandigarh, Lok Nayak Jai Prakash (LNJP) hospital and Lady Hardinge Medical College (LHMC), New Delhi and help them start bariatric surgery in their hospitals.
- First one to perform bariatric surgery in Bihar at the invitation of the Bihar Chapter of the Association of Surgeons of India (ASI) and hence kick start the program in Bihar.
- Recognized internationally as an expert in this field. Invited to be Section –editor of an international book authored by the World's leading experts on Bariatric Surgery titled "Obesity,

Bariatric and Metabolic Surgery: A Practical Guide". Contributed a chapter on the Technique of Laparoscopic Sleeve Gastrectomy (LSG), the most popular bariatric surgical procedure.

- Member of various Expert committees and meetings to develop guidelines for issues related to Bariatric Surgery in India. Nominated member of the executive committee of Obesity and Metabolic Surgery Society of India (OSSI) for a period of three years. Frequently quoted in the national media-both print and electronic. Has been invited as an expert on Doordarshan health shows several times.
- Convenor for Bariatric Surgery Fellowship of National Board of Examinations
- Delivered more than 150 invited lectures related to Bariatric Surgery as well as MAS
- Founder President of the "Foundation for Obesity Research and Metabolic Surgery" (FORMS) - a non-profit non-governmental society registered under the Societies Act for creating awareness and education about Bariatric surgery
- Organized several workshops and meetings to spread knowledge and skills including Cadaver Courses on Bariatric surgery. Organizing Chairman of the First National Postgraduate CME on Bariatric Surgery held at AIIMS in year 2017 which focused on postgraduate students to fill the gap in medical curriculum.
- Other Achievements
- Editor, Journal of Minimal Access Surgery (JMAS), a PubMed indexed journal
- Member Editorial Board of the prestigious journal- 'Obesity Surgery'
- Associate Editor, Journal of Bariatric Surgery
- Chairman of the Scientific Committee of Obesity & Metabolic Surgery Society of India (OSSI)

- Past Member of Institutional Ethics Committee (IEC) for Post Graduate Research, AIIMS
- Past Member of the IEC Sub-committee for Serious Adverse Events (SAE)
- Member of the SAGES-MIRA Expert Group Meeting for Framing Guidelines for Use of Robots in Surgery held in New York, USA in 2006
- Section Editor of Section on Laparoscopic Sleeve Gastrectomy In book: Obesity, Bariatric and Metabolic Surgery: A Practical Guide, Edition: First Edition, Publisher: Springer.
- Co-Chairman of the Expert Group to frame National Guidelines for the Surgical Treatment of Obstructive Sleep Apnea
- Ex Board member of the Society of Endoscopic and Laparoscopic Surgery of India (SELSI)
- Member of the committee to finalize rules and package for Bariatric Surgery for CGHS patients, Ministry of Health, GOI

Talks & Publications

- List of Important Publications (Full Papers)
- For complete list
- Pubmed:Click Here
- ORCID: Click Here
- Chapter in Books
- Prof. (Dr.) Sandeep Aggarwal, Mehul Gupta, Vitish Singla, Michel Gagner. LSG: The Tech-nique. Chapter In book: Obesity, Bariatric and Metabolic Surgery: A Practical Guide, Edition: Second Edition, Publisher: Springer, Editor: Sanjay Agrawal
- Prof. (Dr.) Sandeep Aggarwal, Vitish Singla. Current Status of One Anastomosis Gastric By-pass. Chapter 12 in IAGES Recent Advances in Minimal Access Surgery 2, Edition: Second, Publisher: Jaypee Brothers. Editor: Subhash Khanna

- Prof. (Dr.) Sandeep Aggarwal, Vitish Singla, Devender Singh, Amit Bhambri, Prasanna Rama-na. GI Complications in Bariatric Surgery in Management of Nutritional and Meta-bolic Complications of Bariatric Surgery. Publisher: Springer Nature. Editors: Aparna Govil Bhasker, Nimisha Kantharia
- Prof. (Dr.) Sandeep Aggarwal, Pratyusha Priyadarshini, Michel Gagner. LSG: The Technique. Chapter In book: Obesity, Bariatric and Metabolic Surgery: A Practical Guide, Edi-tion: First Edition, Publisher: Springer, Editors: Sanjay Agrawal, pp.247-57 . DOI: 10.1007/978-3-319-04343-2
- Prof. (Dr.) Sandeep Aggarwal · Pratyusha Priyadarshini · Sanjay Agrawal. Current Concepts in Bariatric Surgery: A Review. Chapter in GI Surgery Annual. Editor: T K Chatto-padhay. pp 2016
- Harshit Garg, Prof. (Dr.) Sandeep Aggarwal. Bariatric Surgery: Current Concepts in Roshan Lall Gupta's Recent Advances in Surgery – 14, Publisher: Jaypee, Editor: Puneet, pp: 217-236, · Chapter · Nov 2015
- Full papers in Indexed Journals
- Singh, B., Saikaustubh, Y., Singla, V. et al. One Anastomosis Gastric Bypass (OAGB) vs Roux en Y Gastric Bypass (RYGB) for Remission of T2DM in Patients with Morbid Obesity: a Randomized Controlled Trial. OBES SURG 33, 1218–1227 (2023). https://doi.org/10.1007/s11695-023-06515-4
- Umang Arora1 Sagnik Biswas1 Sandeep Aggarwal1 Ajay Duseja2,* Shalimar1,* MASLD screening and diagnostic algorithms are interchangeable with existing NAFLD literature. Journal of Hepatology, February 2024. vol. 80 j e51–e91.
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- Elhence A, Anand A, Biswas S, Vaishnav M, Yadav R, Das P, ----Agarwal S, etal. Compensated Advanced Chronic Liver Disease in Nonalcoholic Fatty Liver Disease: Two-Step Strategy is Better than Baveno Criteria. Dig Dis Sci 2023; 68:1016–1025
- Umang Arora, Ritik M Goyal, Levin K J The-----Sandeep Aggarwal, Narendra Choudhary, Prajna Anirvan, Shivaram P Singh, Arka De, Ajay Duseja, Shalimar. Poor Performance of Non-Invasive Tests for Advanced Fibrosis in Nonalcoholic Fatty Liver Disease: A Multicentric Asian Study. Dig Dis Sci 2023; 68: 4485–4498.
- Kumar A, Madhav JV, Singla V, Monga S, Aggarwal S. Concomitant Hiatal Hernia Repair With Sleeve Gastrectomy: Impact on Gastroesophageal Reflux? Surg Laparosc Endosc Percutan Tech. 2023 Oct 1;33(5):435-439. doi: 10.1097/SLE.0000000000001216. PMID: 37671614.
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