

## **CURRICULUM VITAE**

**Dr. Vivek Bindal,**

MS, MRCS (Glasg), DNB, MNAMS, FNB (MAS), FACS

### **Designations**

1. Head of Department,  
Institute of Minimal Access, Bariatric & Robotic Surgery,  
Max Super Specialty Hospitals,  
Vaishali, Patparganj, Noida & Mohali
2. Director, Shri Balmukand Apex Hospital, Solan (HP)
3. Chairman, Clinical Robotic Surgery Association (India)
4. President, Society for Surgery of Alimentary Tract (India chapter)
5. Secretary, Abdominal Wall Reconstruction Surgeon Community
6. Secretary, Association of Robotic Innovative Surgeons
7. Joint Secretary, Obesity Surgery Society of India
8. Associate Editor, International Journal of Advanced Robotic & Innovative Surgery
9. Associate Editor, Journal of Bariatric Surgery
10. Preferred reviewer of prestigious “Surgery for Obesity and Related Diseases” journal, official journal of American Society of Metabolic & Bariatric Surgery, USA (Impact factor: 4.5)

### **Teaching faculty in robotic and laparoscopic surgery:**

1. Teacher in National Board of Examinations for FNB (MAS)
2. Intuitive Proctor & Trainer in Robotic Surgery
3. Visiting faculty: Duke University Medical Center, USA
4. Invited faculty at IRCAD, Taiwan
5. Faculty for Intuitive / Ethicon / Medtronic / BD / BBraun for surgical education.

### **Education and Training**

| <b>S. No.</b> | <b>Degree</b>                                          | <b>Institute</b>             | <b>University</b>                                 | <b>Year of passing</b> |
|---------------|--------------------------------------------------------|------------------------------|---------------------------------------------------|------------------------|
| 1.            | MBBS                                                   | Maulana Azad Medical College | University of Delhi                               | 2004                   |
| 2.            | MS<br>(General Surgery)                                | Maulana Azad Medical College | University of Delhi                               | 2009                   |
| 3.            | DNB<br>(General Surgery)                               |                              | National Board of Examinations                    | 2010                   |
| 4.            | FNB (Minimal Access Surgery)                           | Sir Ganga Ram Hospital       | National Board of Examinations                    | 2012                   |
| 5.            | MRCS<br>(Glasgow)                                      |                              | Royal College of Physicians & Surgeons of Glasgow | 2012                   |
| 6.            | Indo US Fellowship in Robotic GI and Bariatric Surgery | Department of Surgery        | University of Illinois at Chicago                 | 2013 – 2014            |
| 7.            | Indo US Fellowship in Robotic & Bariatric Surgery      | Department of Surgery        | Duke University Medical Center                    | May 2014 – Nov. 2014   |
| 8.            | Fellowship of American College of Surgeons (FACS)      |                              | American College of Surgeons                      | 2015                   |

### **Achievements and Awards:**

- 1) Started the Indian chapter of Clinical Robotic Surgery Association (USA), the first international chapter of the organization, and the first Indian robotic surgery society in 2019
- 2) *International Scholar of Surgical Education award 2016* by American College of Surgeons, at annual congress in Washington DC, USA.
- 3) *Baxiram S. & Kankuben B. Gelot International Scholar award 2014* by American College of Surgeons, Chicago.
- 4) Received *Sushruta Award 2022* for clinical excellence by Max Healthcare
- 5) Received *Himachal Gaurav Award 2023* by Cabinet Minister of Himachal Pradesh for work in the field of Robotic Surgery
- 6) Received GSL achievement award by GSL Medical College, Rajamundry, Andhra Pradesh in 2022.
- 7) Received *Rising star award* by Indian Association of Gastro-Endosurgeons in 2022
- 8) Winner of *Golden Globe Video award* in ASICON 2015, the annual conference of Association of Surgeons of India held at Gurgaon from Dec. 16 – Dec. 20, 2015.
- 9) Received the *Times of India Healthcare achiever* award at Taj Palace for “Excellence in Minimal Access and Bariatric Surgery” on November 25, 2018.
- 10) Awarded "Best Doctor in Robotic and Bariatric Surgery" by Health Minister of Maharashtra, in 10th MT Healthcare Awards at Bombay Exhibition Centre, Mumbai on March 6, 2020 by Medgate Today.

- 11) Awarded Indian Health Professional Award for excellence in General Surgery on Dec 23, 2017.
- 12) Performed first Bariatric surgical procedure of the state of Himachal Pradesh, transmitted live at Indira Gandhi Medical College, Shimla and witnessed by Chief Minister of the state on Nov 30, 2019.
- 13) *Best paper award* in BPCON 2015, 25<sup>th</sup> annual conference of Indian Society of Hypertension held at ESIC Medical College, Faridabad from Nov. 20-22, 2015.
- 14) *Best paper award* in SURGICON 2007 (Annual conference of Delhi state chapter of ASI) held at Maulana Azad Medical College in Nov. 2007.
- 15) Appointed Associate Editor for *Clinical Robotic Surgery Association* website.
- 16) Awarded *Meghna Krishan Baveja Memorial Scholarship* for best all-round performance in first professional MBBS in 2001.
- 17) Awarded *Sarvapalli Radhakrishnan Scholarship* by H.P. Government in 2000 for meritorious career.
- 18) Ranked first in *All India Entrance Exam* for Fellowship of National Board (Minimal Access Surgery) conducted by National Board in January 2010.
- 19) Ranked first in *HPPMT 2000* entrance examination.

## Publications

1. Balamurugan G, Leo SJ, Sivagnanam ST, Balaji PS, Ravindra C, Rengan V, Arora E, **Bindal V**. Comparison of Efficacy and Safety Between Roux-en-Y Gastric Bypass (RYGB) vs One Anastomosis Gastric Bypass (OAGB) vs Single Anastomosis Duodeno-ileal Bypass with Sleeve Gastrectomy (SADI-S): a Systematic Review of Bariatric and Metabolic Surgery. *Obes Surg*. 2023; 1-16
2. **Bindal V**, Gupta S, Pandey D, Goel T. Intra-peritoneal migration of abdominal drain after cholecystectomy-laparoscopic retrieval: A case report. *J Minim Access Surg*. 2022 Sep 12. doi: 10.4103/jmas.jmas\_107\_22. PMID: 36124469.
3. Bhattacharya S, Kalra S, Kapoor N, Singla R, Dutta D, Aggarwal S, Khandelwal D, Surana V, Dhingra A, Kantroo V, Chittawar S, Deka N, **Bindal V**, Dutta P. Expert opinion on the preoperative medical optimization of adults with diabetes undergoing metabolic surgery. *World J Diabetes*. 2021 Oct 15;12(10):1587-1621. doi: 10.4239/wjd.v12.i10.1587. PMID: 34754367; PMCID: PMC8554368.
4. Goel R, Nasta AM, Goel M, Prasad A, Jammu G, Fobi M, Ismail M, Raj P, Palaniappan R, Aggarwal S, **Bindal V**, Katakwar A, Vennapusa A, Bhasker AG, Peters A, Goel D, Bedi D, Palep J, Kona L, Mehrotra M, Baijal M, Bhandari M, Dukkipati N, Wadhawan R, Baig S, Pattanshetti S, Ugale S. Complications after bariatric surgery: A multicentric study of 11,568 patients from Indian bariatric surgery outcomes reporting group. *J Minim Access Surg*. 2021 Apr-Jun;17(2):213-220. doi: 10.4103/jmas.JMAS\_12\_20. PMID: 32964881; PMCID: PMC8083745.
5. Bhasker AG, Khaitan M, **Bindal V**, Kumar A, Rajkumar A, Kaushal A, Prasad A, Parikh C, Sethi D, Goel D, Hareendran DT, Bedi D, Jammu GS, Leo J, Kular K, Narwaria M, Chikkachanappa M, Motwani M, Bharucha M, Ismail M, Dukkipati N, Shah N, Tantia O, Patel P, Padmakumar R, Singh R, Palaniappan R, Shrivastava R, Pal Rajput RR, Goel R, Wadhawan R, Garg R, Aggarwal S, Patolia S, Baig SJ, Shah S, Shivaram HV, Dhorepatil S, Saggu SS, Ugale S, Perungo T, Soni V. Impact of COVID-19 pandemic on bariatric surgery in India: An obesity and metabolic surgery society of India survey of 1307 patients. *J Minim Access Surg*. 2021 Oct-Dec;17(4):542-547. doi: 10.4103/jmas.JMAS\_2\_21. PMID: 34558429; PMCID: PMC8486048.
6. John S, **Bindal V**, Dudeja U. Long-term BAROS scores and independent obesity-related co-morbidity predictors of failure following laparoscopic Roux-en-Y gastric

bypass. *Surg Obes Relat Dis*. 2021 Jan;17(1):e1-e2. doi: 10.1016/j.soard.2020.10.010. Epub 2020 Oct 20. PMID: 33234464.

7. Gupta A, Chennatt JJ, Singla T, Rajput D, **Bindal V**. Training and credentialing in Robotic Surgery in India: Current perspectives. *J Minim Access Surg*. 2022 Oct-Dec;18(4):497-504. doi: 10.4103/jmas.jmas\_348\_21. PMID: 36204934; PMCID: PMC9632699.
8. **Bindal V**, Pandey D. E-Health Follow-up: Is it the Way Forward? *World J Surg*. 2023 Jan;47(1):190-191. doi: 10.1007/s00268-022-06793-6. Epub 2022 Nov 2. PMID: 36324036.
9. Patankar R, Mishra RK, **Bindal V**, Kothari CP, Rahate P, Patnaik S, Kankaria J, Nayak SR. Efficacy of near-infrared fluorescence cholangiography using indocyanine green in laparoscopic cholecystectomy: A retrospective study. *J Minim Access Surg*. 2023 Jan-Mar;19(1):57-61. doi: 10.4103/jmas.jmas\_369\_21. PMID: 36722531; PMCID: PMC10034797.
10. Giudicelli G, Gero D, Romulo L, Chirumamilla V, Iranmanesh P, Owen CK, Bauerle W, Garcia A, Lucas L, Mehdorn AS, Pandey D, Almuttaw A, Cabral F, Tiwari A, Lambert V, Pascotto B, De Meyere C, Yahyaoui M, Haist T, Scheffel O, Robert M, Nuytens F, Azagra S, Kow L, Prasad A, Vaz C, Vix M, **Bindal V**, Beckmann JH, Soussi D, Vilallonga R, El Chaar M, Wilson EB, Ahmad A, Teixeira A, Hagen ME, Toso C, Clavien PA, Puhan M, Bueter M, Jung MK. Global benchmarks in primary robotic bariatric surgery redefine quality standards for Roux-en-Y gastric bypass and sleeve gastrectomy. *Br J Surg*. 2024 Jan 3;111(1):znad374. doi: 10.1093/bjs/znad374. PMID: 37981863; PMCID: PMC10771137.
13. **Bindal V**, Misra S. Comment on: Evolution of outcomes of robotic bariatric surgery: first report based on MBSAQIP database. *Surg Obes Relat Dis*. 2020;S1550-7289(20)30074-5.
14. Goel A, **Bindal V**, Kalhan S, Bhatia P, Khetan M, John S. Laparoscopic management of gall bladder perforation secondary to typhoid-induced acalculous cholecystitis: A rare entity. *J Minim Access Surg*. 2019;10.4103/jmas.JMAS\_30\_19.
15. Mahawar KK, Bhasker AG, **Bindal V**, Graham Y, Dudeja U, Lakdawala M, Small PK. Zinc Deficiency after Gastric Bypass for Morbid Obesity: a Systematic Review. *Obes Surg*. 2017 Feb;27(2):522-529. doi: 10.1007/s11695-016-2474-8.

16. **Bindal V**, Gonzalez-Heredia R, Elli EF. Outcomes of Robot-Assisted Roux-en-Y Gastric Bypass as a Reoperative Bariatric Procedure. *Obes Surg*. 2015 Oct;25(10):1810-5.
17. **Bindal V**, Gonzalez-Heredia R, Masrur M, Elli EF. Technique Evolution, Learning Curve, and Outcomes of 200 Robot-Assisted Gastric Bypass Procedures: a 5-Year Experience. *Obes Surg*. 2015 Jun;25(6):997-1002.
18. **Bindal V**, Sudan R. Has mini gastric bypass come of age?, *Surgery for Obesity and Related Diseases* 2015 Mar-Apr;11(2):326-7
19. Gonzalez-Heredia R, Masrur M, Patton K, **Bindal V**, Sarvepalli S, Elli E. Revisions after failed gastric band: sleeve gastrectomy and Roux-en-Y gastric bypass. *Surg Endosc*. 2015 Sep;29(9):2533-7
20. **Bindal V**, Bhatia P, Kalhan S, et al. Robot assisted excision of a large retroperitoneal schwannoma. *Journal of Society of Laparoendoscopic Surgeons (JSLS)* 2014;18(1):150-54.
21. **Bindal V**, Bhatia P, Dudeja U, et al. Review of contemporary role of robotics in Bariatric Surgery. *J Min Access Surg* 2015;11:16-21.
22. **Bindal V**, John S, Dudeja U. Enhanced Recovery protocols after Bariatric surgery – time to adopt a lean bariatric practice. *Surgery for Obesity and Related Diseases* 2015 Jul-Aug;11(4):819-20.
23. Bhatia P, **Bindal V**, Singh R, et al. Robot-assisted sleeve gastrectomy in morbidly obese versus super obese patients. *JSLS*. 2014 Jul;18(3) pii: e2014.00099.

24. Yadav AK, **Bindal V**, Jangra VK et al. Delayed Mesh Infection: A Rare Complication of Laparoscopic Inguinal Hernia Repair (Totally Extra-Peritoneal Repair). *Surgical Science* 2016; 7(10): 453-60.
25. Bhatia P, John SJ, Kalhan S, **Bindal V**. Portomesenteric venous thrombosis after laparoscopic sleeve gastrectomy: A case report and a call for prevention. *J Minim Access Surg*. 2015;11(4):276-278.
26. Gonzalez-Heredia R, Sanchez-Johnsen L, Quadri P, **Bindal V**, Bernstein K, Masrur M, Elli E. Reduction in Medication Use for Postrobot-Assisted Roux-en-Y Gastric Bypass as a Revisional Bariatric Procedure. *Bariatric Surgical Practice and Patient Care*. 2019; 14(2): 51-6.
27. **Bindal V**, Sudan R. Intensive care management, Sepsis, SIRS in Bariatric patients *Bariatric Times*. 2015;12(1):10–14
28. Bindal UD, Gupta SK, **Bindal V**, Daga MK, Pradhan G. A study on hs-CRP, Carotid Intima Media Thickness and Lipid Profile in offspring of patients of premature CAD. *Int Cardiovasc Res J*. 2015;9(4):193-8.
29. Bhatia P, **Bindal V**, Dudeja U. Sleeve Gastrectomy as a uric acid lowering therapy in morbid obesity. *Curr Med Res Pract* 2015; 5(5):199-200.
30. Bhatia P, Dudeja U, **Bindal V**. Adolescent Obesity: The Emerging Menace. *J.Preventive Cardiology* 2015;5(1):786-9.
31. Rath A, Bhatia P, Kalhan S, John S, Khetan M, **Bindal V**, Ali A, Singh R. Endoscopic TEP Inguinal Hernia Repair in the Management of Occult Obturator and Femoral Hernias. *Surg Laparosc Endosc Percutan Tech*. 2014 Aug;24(4):375-7

32. Ali A, Bhatia P, Kalhan S, Khetan M, John S, **Bindal V**. Double rolling and center hitch technique for laparoscopic ventral hernia repair. *J Minim Access Surg* 2013;9(2):95-8.
33. Rath A, Bhatia P, Kalhan S, John S, Khetan M, **Bindal V**, Ali A, Singh R, Wadhera S, Bansal N. Laparoscopic management of Spigelian hernias. *Asian J Endosc Surg* 2013;6(3):253-6.
34. **Bindal V**, Bhatia P, Kalhan S, Khetan M, John S. Robotic Surgery: Overview, Applications and Future Trends. *The Ganga Ram Journal* 2012;2:17–27.
35. Ali A, Bhatia P, Kalhan S, Khetan M, John S, **Bindal V**, Singh R, Rath A, Bansal N, Wadhera S. Laparoscopic Management Of Xanthogranulomatous Colitis. *The Ganga Ram Journal* 2012; 2347–349.

### Book chapters

1. Giulianotti PC, Daskalaki D, **Bindal V**, Patton K. Near-Infrared Imaging with Fluorescent Tracers in Robotic Surgery. In: Fong Y, Giulianotti PC, Lewis J, Koerkamp BG, Reiner T, eds. *Imaging and Visualization in The Modern Operating Room*. New York: Springer; 2015. p. 195-203.
2. **Bindal V**, Elli EE. Robot-Assisted Roux-en-Y Gastric Bypass. In: Fong, Y, Woo, Y, Hyung WJ, Lau C, Strong VE, eds. *The SAGES Atlas of Robotic Surgery*. Springer, Cham; 2018. p. 355-63.
3. Sudan R, Henry BV, **Bindal V**, Podolsky E. Robotic Assisted Bariatric Surgery. In: Agrawal S. (eds) *Obesity, Bariatric and Metabolic Surgery*. Springer, Cham; 2016. p. 367-73.

4. Giulianotti PC, **Bindal V**, Daskalaki D. Biliary Tract Tumors (Resection and Reconstruction). In: Spinoglio G, eds. Robotic Surgery. Updates in Surgery. Springer, Milano; 2015: 95-103.
5. John S, Bhatia P, Kalhan S, Khetan M, **Bindal V**, Wadhera S. The Initial Retrocolic Endoscopic Tunnel Approach (IRETA) to a Laparoscopic-Assisted Radical Right Colectomy: A (Modified) Lateral-to-Medial Technique for the Complete Mesocolic Excision of the Right Colon. In: Parker M, Hohenberger W, eds. Lower Gastrointestinal Tract Surgery: Vol.1, Laparoscopic procedures. Springer Surgery Atlas Series. Springer, Cham; 2019. p. 157-235
6. **Bindal V**, Yadav AK. Immunofluorescence and Robotic surgery. In: Saxena A. A Practical approach to Robotic surgery. Jaypee; 2018. p. 10-6.
7. Bhatia P, **Bindal V**, Yadav AK. Robot Assisted Sleeve Gastrectomy. In: Saxena A. A Practical approach to Robotic surgery. Jaypee; 2018. p. 27-32.
8. Bhatia P, **Bindal V**, Yadav AK. Robot Assisted Roux-en-Y Gastric Bypass. In: Saxena A. A Practical approach to Robotic surgery. Jaypee; 2018. p. 33-9.
9. **Bindal V**, Yadav AK. Robotic Surgery for bile duct tumors. In: Saxena A. A Practical approach to Robotic surgery. Jaypee; 2018. p. 55-62.
10. Sethi D, **Bindal V**. Current approach for recurrence of comorbidities / weight regain after metabolic procedures. In: Khanna S. Recent advances in minimal access surgery. Jaypee; 2019. p. 98-109.