

**Dr Alka Verma**

**MBBS, MD (Anaesthesia),**

***Mobile: +91-8400100137, +91-8005381610***

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**PERSONAL DETAILS**

**Date of Birth**                      April 19, 1984

**Marital status**                      Married

**GRADUATION**

**Aug 2004 to Dec 2009**    **Moti Lal Nehru Medical College, Allahabad.**

**C.S.M.Medical University, Lucknow**

**(5.5 years)**                      Bachelor of Medicine and Bachelor of Surgery  
(MBBS)

- Awarded distinction in biochemistry, microbiology, forensic medicine, ophthalmology, medicine.

**POST GRADUATE TRAINING**

**May 2011 to May 2014**    **G.S.V.M.MEDICAL COLLEGE, KANPUR**

**(C.S.J.M.UNIVERSITY,KANPUR)**

**(3 years)**                      Doctor of Medicine (MD), Anaesthesia  
Trained in some of the most well equipped  
operation theatres, the latest anaesthesia  
workstations, equipment and drugs .

**Jul 2014 to Aug 2017 Sanjay Gandhi Post Graduate Institute of  
(3 years) Medical Sciences, Raibareli road,  
Lucknow**



**Senior Residency:**

- Exposure to Neurosurgery, Cardiothoracic surgery, as well as renal and liver transplant surgeries.
- Worked in post operative ICU as well as the medical ICU.
- Well versed with the use of Ultrasonography in the OT as well as the ICU
- Trained in BLS, ACLS, Advanced Trauma life support FCCS and FDM.

**Jun 2018 to present Sanjay Gandhi Post Graduate Institute of  
Medical Sciences, Raibareli road, Lucknow**



*([www.sgpgi.ac.in/](http://www.sgpgi.ac.in/))*

***Associate Professor, Emergency Medicine***

- FACEE (Fellowship program of the Academic College of Emergency Experts in India (ACEE) in 2020.
- NEMBRIC (National Emergency medicine board review of India course 2020)
- Got certification of Advanced trauma life support course 2020
- Got certification of Basic life support course 2020
- Certification of advance cardiovascular life support course 2020
- Actively worked in COVID-19 ICU for patients management .

## **AWARDS AND HONOURS**

- *Awarded distinction in microbiology, Moti Lal Nehru medical college , Allahabad ,2007*
- *Awarded distinction in forensic medicine , Moti Lal Nehru medical college , Allahabad ,2007*
- *Awarded distinction in ophthalmology , Moti Lal Nehru medical college , Allahabad ,2008*
- *Awarded distinction in medicine , Moti Lal Nehru medical college , Allahabad ,2009*
- *Awarded second prize in poster presentation in at perioperative anaesthesia and medicine conference-2012.Jalandhar*
- *Awarded third prize in paper presentation in 5th central zone and 35th U.P. chapter annual conference of ISA 2013 held at Lucknow*
- *FACEE (Fellowship programme of the Academic College of Emergency Experts in India (ACEE) in dec 2021*

## **PUBLICATIONS;**

### **Publications in indexed journals:**

#### **PUBMED =18**

- 1) Ponnaiah M, Bhatnagar T, Abdulkader RS, Elumalai R, Surya J, Jeyashree K, Kumar MS, Govindaraju R, Thangaraj JW, Aggarwal HK, Balan S, **Verma A**. Factors associated with unexplained sudden deaths among adults aged 18-45 years in India–A multicentric matched case–control study.
- 2) Bhadauria DS, Tiwari P, Goel A, Katiyar H, Kaul A, Mayank, Aggarwal A, **Verma A**, Khetan D, Yachha M, Behera MR. Antibody response to ChAdOx1 nCoV-19 (Covishield®) vaccine in people on maintenance hemodialysis
- 3) Sanjeev OP, Verma A, Mani VE, Singh RK. COVID-19 vaccine-related functional neurological disorders in the emergency department. CJEM. 2022 Jun;24(4):455-456. doi: 10.1007/s43678-022-00272-6. Epub 2022 Mar 2. PMID: 35235181; PMCID: PMC8889866.
- 4) Bhadauria DS, Katiyar H, Goel A, Tiwari P, Kishore RVK, Aggarwal A, Verma A, Khetan D, Kaul A, Yachha M, Behera MR, Yadav B, Prasad N. Antibody Response to ChAdOx1 nCoV-19 (AZD1222) Vaccine in Kidney Transplant Recipients. Vaccines(Basel). 2022 Oct 11;10(10):1693. doi: 10.3390/vaccines10101693. PMID: 36298558; PMCID: PMC9610051.

- 5) Goel A, Verma A, Tiwari P, Katiyar H, Aggarwal A, Khetan D, Mayank, Kishore,RVK, Kumar P, Singh TP, Sheikh S, Vaishnav M, Pathak P, Shalimar. Serological Immune Response Following ChAdOx1 nCoV-19 Vaccine (Covishield<sup>®</sup>) in Patients with Liver Cirrhosis. *Vaccines (Basel)*. 2022 Oct 30;10(11):1837. doi:10.3390/vaccines10111837. PMID: 36366346; PMCID: PMC9696004.
- 6) Verma A, Goel A, Katiyar H, Tiwari P, Mayank, Sana A, Khetan D, Bhadauria DS,Raja A, Khokher N, Shalimar, Singh RK, Aggarwal A. Durability of ChAdOx1 nCoV-19 (Covishield<sup>®</sup>) Vaccine Induced Antibody Response in Health Care Workers. *Vaccines (Basel)*. 2022 Dec 30;11(1):84. doi: 10.3390/vaccines11010084.PMID: 36679930; PMCID: PMC9863895.
- 7) Rahul, Kumar A, Verma A, Sanjeev OP, Singh RK, Ghatak T, Nath A. A questionnaire-based study on quality and adequacy of clinical communication between physician and family members of admitted Covid-19 patients. *Patient Educ Couns*. 2022 Feb;105(2):304-310. doi: 10.1016/j.pec.2021.09.013. Epub 2021 Sep 17. PMID: 34625320; PMCID: PMC8445776.
- 8) Kurian NM, B Yadav SC, Gurjar M, Mishra P, Sanjeev OP, Azim A, Gupta D,Hashim Z, Verma A, Bhatia E, Ghatak T, Singh RK, Nath A, Sahoo SK, Dabadghao P,Gupta S. Association of hyperglycaemia at-admission & diabetes mellitus with 28day mortality in patients admitted with moderate-severe SARS-CoV-2 infection: A retrospective study. *Indian J Med Res*. 2022 May-Jun;155(5&6):554-564. doi:10.4103/ijmr.ijmr\_2605\_21. PMID: 36348602; PMCID: PMC9807193.

- 9) Chatterjee A, Kannaujia A, Paul M, Verma A. Can lateral decubitus cause uvular necrosis after general anesthesia? *J Clin Anesth.* 2018 Mar;45:90. doi:10.1016/j.jclinane.2017.12.020. Epub 2018 Jan 4. PMID: 29306120
- 10) Bhadauria DS, Tiwari P, Goel A, Katiyar H, Kaul A, Mayank, Aggarwal A, Verma A, Khetan D, Yachha M, Behera MR, Yadav B, Agarwal K, Prasad N. Antibody response to ChAdOx1 nCoV-19 (Covishield®) vaccine in people on maintenance hemodialysis. *Semin Dial.* 2023 Feb 26. doi: 10.1111/sdi.13149. Epub ahead ofprint. PMID: 36843062.
- 11) Ghatak T, Singh RK, Kumar A, Patnaik R, Sanjeev OP, Verma A, Kumar S. The Impact of COVID-19 on the Clinical Practices, Working Environment, and Social Life of Intensivists in Non-COVID ICU. *Indian J Crit Care Med.* 2022 Jul;26(7):816-824. doi: 10.5005/jp-journals-10071-24245. PMID: 36864855; PMCID:PMC9973188.
- 12) Rahul, Verma A, Yadav P, Sharma VK, Sanjeev OP. Non-COVID Surgical Emergency During the Nationwide Lockdown due to Corona Pandemic: a Critical Appraisal. *Indian J Surg.* 2021 Feb;83(1):268-272. doi: 10.1007/s12262-020-02549-5. Epub 2020 Aug 10. PMID: 32837086; PMCID: PMC7416797.
- 13) Srivastava D, Verma R, Singh TK, Verma A, Chandra A, Sahu S, Mishra P. Ultrasound-guided Anterior Quadratus Lumborum Block for Postoperative Pain after Laparoscopic Pyeloplasty: A Randomized Controlled Trial. *Anesth Essays Res.* 2020 Apr-Jun;14(2):233-238. doi: 10.4103/aer.AER\_45\_20. Epub 2020 Oct 12. PMID: 33487821; PMCID: PMC7819397.

- 14) Verma A, Srivastava D, Paul M, Chatterjee A, Chandra A. Effect of Esmolol and Diltiazem Infusions on Hemodynamic Response to Pneumoperitoneum on Laparoscopic Simple Nephrectomy: A Randomized Controlled Trial. *Anesth Essays Res.* 2018 Jan-Mar;12(1):85-91. doi: 10.4103/aer.AER\_203\_17. PMID: 29628560; PMCID: PMC5872900.
- 15) Kannaujia A, Tewari S, Verma A. A Simple Novel Technique to Make any Supraglottic Airway Device Magnetic Resonance Imaging Compatible: A Fusion of the Past with the Present. *Anesth Essays Res.* 2017;11(2):535–6.
- 16) Tewari S, Dhiraaj S, Sachan V, Bhargava T, Verma A. Ultrasound as a point-of-care tool for early detection of potential complications like pneumothorax associated with the pectoralis block. *Indian J Anaesth.* 2017 Oct 1;61(10):852.
- 17) Verma A, Tewari S, Kannaujia A. Perioperative management of patients with severe hypophosphataemia secondary to oncogenic osteomalacia: Our experience and review of literature. *Indian J Anaesth.* 2017 Jul;61(7):590–3.
- 18) Yadav P, Verma A, Chatterjee A, Srivastava D, Riaz MR, Kannaujia A. Spontaneous Extradural Hemorrhage in a Patient with Chronic Kidney Disease: A Case Report and Review of Literature. *World Neurosurg.* 2016 Jun;90:707.e13–707.e16.

## SCOPUS =14

- 1) Ponnaiah M, Bhatnagar T, Abdulkader RS, Elumalai R, Surya J, Jeyashree K, Kumar MS, Govindaraju R, Thangaraj JW, Aggarwal HK, Balan S, **Verma A**. Factors associated with unexplained sudden deaths among adults aged 18-45 years in India–A multicentric matched case–control study.
- 2) Bhadauria DS, Tiwari P, Goel A, Katiyar H, Kaul A, Mayank, Aggarwal A, **Verma A**, Khetan D, Yachha M, Behera MR. Antibody response to ChAdOx1 nCoV-19 (Covishield®) vaccine in people on maintenance hemodialysis
- 3) Sanjeev OP, Verma A, Mani VE, Singh RK. COVID-19 vaccine-related functional neurological disorders in the emergency department. *CJEM*. 2022 Jun;24(4):455-456. doi: 10.1007/s43678-022-00272-6. Epub 2022 Mar 2. PMID: 35235181; PMCID: PMC8889866.
- 4) Bhadauria DS, Katiyar H, Goel A, Tiwari P, Kishore RVK, Aggarwal A, Verma A, Khetan D, Kaul A, Yachha M, Behera MR, Yadav B, Prasad N. Antibody Response to ChAdOx1 nCoV-19 (AZD1222) Vaccine in Kidney Transplant Recipients. *Vaccines (Basel)*. 2022 Oct 11;10(10):1693. doi: 10.3390/vaccines10101693. PMID: 36298558; PMCID: PMC9610051.

- 5) Goel A, Verma A, Tiwari P, Katiyar H, Aggarwal A, Khetan D, Mayank, Kishore RVK, Kumar P, Singh TP, Sheikh S, Vaishnav M, Pathak P, Shalimar. Serological Immune Response Following ChAdOx1 nCoV-19 Vaccine (Covishield<sup>®</sup>) in Patients with Liver Cirrhosis. *Vaccines* (Basel). 2022 Oct 30;10(11):1837. doi:10.3390/vaccines10111837. PMID: 36366346; PMCID: PMC9696004.
- 6) Verma A, Goel A, Katiyar H, Tiwari P, Mayank, Sana A, Khetan D, Bhadauria DS, Raja A, Khokher N, Shalimar, Singh RK, Aggarwal A. Durability of ChAdOx1 nCoV-19 (Covishield<sup>®</sup>) Vaccine Induced Antibody Response in Health Care Workers. *Vaccines* (Basel). 2022 Dec 30;11(1):84. doi: 10.3390/vaccines11010084. PMID: 36679930; PMCID: PMC9863895.
- 7) Rahul, Kumar A, Verma A, Sanjeev OP, Singh RK, Ghatak T, Nath A. A questionnaire-based study on quality and adequacy of clinical communication between physician and family members of admitted Covid-19 patients. *Patient Educ Couns*. 2022 Feb;105(2):304-310. doi: 10.1016/j.pec.2021.09.013. Epub 2021 Sep 17. PMID: 34625320; PMCID: PMC8445776.
- 8) Kurian NM, B Yadav SC, Gurjar M, Mishra P, Sanjeev OP, Azim A, Gupta D, Hashim Z, Verma A, Bhatia E, Ghatak T, Singh RK, Nath A, Sahoo SK, Dabadghao P, Gupta S. Association of hyperglycaemia at admission & diabetes mellitus with 28 day mortality in patients admitted with moderate-severe SARS-CoV-2 infection: A retrospective study. *Indian J Med Res*. 2022 May-Jun;155(5&6):554-564. doi: 10.4103/ijmr.ijmr\_2605\_21. PMID: 36348602; PMCID: PMC9807193.

- 9) Chatterjee A, Kannaujia A, Paul M, Verma A. Can lateral decubitus cause uvular necrosis after general anesthesia? *J Clin Anesth.* 2018 Mar;45:90. doi: 10.1016/j.jclinane.2017.12.020. Epub 2018 Jan 4. PMID: 29306120.
  
- 10) Bhadauria DS, Tiwari P, Goel A, Katiyar H, Kaul A, Mayank, Aggarwal A, Verma A, Khetan D, Yachha M, Behera MR, Yadav B, Agarwal K, Prasad N. Antibody response to ChAdOx1 nCoV-19 (Covishield®) vaccine in people on maintenance hemodialysis. *Semin Dial.* 2023 Feb 26. doi: 10.1111/sdi.13149. Epub ahead of print. PMID: 36843062.
  
- 11) Ghatak T, Singh RK, Kumar A, Patnaik R, Sanjeev OP, Verma A, Kumar S. The Impact of COVID-19 on the Clinical Practices, Working Environment, and Social Life of Intensivists in Non-COVID ICU. *Indian J Crit Care Med.* 2022 Jul;26(7):816-824. doi: 10.5005/jp-journals-10071-24245. PMID: 36864855; PMCID: PMC9973188.
  
- 12) Rahul, Verma A, Yadav P, Sharma VK, Sanjeev OP. Non-COVID Surgical Emergency During the Nationwide Lockdown due to Corona Pandemic: a Critical Appraisal. *Indian J Surg.* 2021 Feb;83(1):268-272. doi: 10.1007/s12262-020-02549-5. Epub 2020 Aug 10. PMID: 32837086; PMCID: PMC7416797.
  
- 13) Srivastava D, Verma R, Singh TK, Verma A, Chandra A, Sahu S, Mishra P. Ultrasound-guided Anterior Quadratus Lumborum Block for Postoperative Pain after Laparoscopic Pyeloplasty: A Randomized Controlled Trial. *Anesth Essays Res.* 2020 Apr-Jun;14(2):233-238. doi: 10.4103/aer.AER\_45\_20. Epub 2020 Oct 12. PMID: 33487821; PMCID: PMC7819397.

14) Verma A, Srivastava D, Paul M, Chatterjee A, Chandra A. Effect of Esmolol and Diltiazem Infusions on Hemodynamic Response to Pneumoperitoneum on Laparoscopic Simple Nephrectomy: A Randomized Controlled Trial. *Anesth Essays Res.* 2018 Jan-Mar;12(1):85-91. doi: 10.4103/aer.AER\_203\_17. PMID: 29628560; PMCID: PMC5872900.

15) Alka Verma, Om P Sanjeev, Sakeena Jahan. Point of care ultrasound revealed septate pericarditis in a patient presenting with acute chest pain in emergency department, *Visual Journal of Emergency Medicine*, Volume 29, 2022, 101480, ISSN 2405-4690, <https://doi.org/10.1016/j.visj.2022.101480>.

16) Om P Sanjeev, Alka Verma, Satyam Gupta, Shyam Sundar, Spider web appearance of loculated ascites on abdominal ultrasonography in the emergency department, *Visual Journal of Emergency Medicine*, Volume 30, 2023, 101601, ISSN 2405-4690,

## **PROJECTS UNDER PROCESS :**

### **ICMR Projects:**

- *Factors associated with sudden deaths among adults aged 18–45 years, India: Multicentric matched case-control study*
- *Incidence, determinants and awareness of subclinical injuries and its effect on performance in players involved in racquet sports: A cohort study*

### **Other projects:**

- Breakthrough Covid-19 infection among vaccine recipient and the effect of vaccination on the disease severity
- Prospective observational study of gastro-intestinal bleed in emergency department of a tertiary care
- A Comparison between outcomes of AKI management by the nephrologist view of lung Ultrasound : A prospective observational study.

## **BOOK CHAPTER PUBLISHED:**

- *Text Book Chapter: Textbook name : “USG IN CRITICAL CARE”, Dr. Puneet Khanna,First Proof Ch-15A*

*“ULTRASOUND OF DIAPHRAGM”, by Dr. Sandeep Sahu,  
Dr. Alka Verma, Dr. Rashmi Soori*

- *Text book chapter: text book name: “COVID 19-A Ready Reckoner” “Cytokines Storm: An over-reaction of immune system to COVID-19, 2020, Oct 16:20.*
- *Textbook name : “Essential Principles of fluid therapy”  
“ Venous access in adults ” by Dr Anshul Jain et al. chapter*
- *Dr. Sandeep Sahu, Dr. Mekhala Paul, Dr. Alka Verma,*

**Presentations in conferences :**

**As Faculty:**

- Speaker for the CME and Workshop on Phlebotomy for Paramedics held on 13<sup>th</sup> April 2023 at SGPGIMS, Lucknow.
- Faculty in CME program on ‘Ultrasound In Perioperative Medicine’ held on 3<sup>rd</sup> June 2023 at SGPGIMS, Lucknow.
- Poster presentation for the 4<sup>th</sup> Research Day, SGPGIMS, on 13 December 2023.
- Chair a session in TB Cascade training program held on 30<sup>th</sup> March 2024 at SGPGIMS, Lucknow
- Chaired a session as a faculty during Artificial Intelligence in medical diagnostics, JIPMER, Puducherry, India 2022 .

- Serological Immune response following ChAdOx1nCoV-19 Vaccine in patients with liver cirrhosis in IASGO, Turkey 2022.
  
- Poster presentation for the 3<sup>rd</sup> Research Day, SGPGIMS, on 13 December 2022.
  
- Speaker for the WACEM-EMINDIA2021 Residency Program Symposium WACEM International Conference for Emergency Physicians Globally 2021.
  
- Chaired a session as a faculty during ,ISNACC 2020
  
- Approach to patient with Acute Myocardial Infarction in Emergency Department, at EMCARD, GOA 2019
  
- Practical approach to patient with Gastro-intestinal bleed in Emergency Department at AIIMS, New Delhi.
  
- Panelist for the Panel discussion during the upcoming Emergency Cardiology Summit at Goa on 10-11 May 2019.
  
- “Ultrasound Guided Regional Anaesthesia” on 21<sup>st</sup> -22<sup>nd</sup> September 2018
  
- National Emergency airway training course (WACEM 2017) ,Colombo, Sri Lanka

- Guest lecture: 4th SGPGI PG Anaesthesiology refresher course - 2016 26-28<sup>th</sup> february 2016.
- 8th SGPGI Cardiac resuscitation course(basic and advance), IMA bhawan,Bareilly, Dec 2017

### **MEMBER EDITORIAL BOARD**

*Indian journal of Emergency Medicine*  
*Epidemiology foundation of India*

### **MEDICAL AND SCIENTIFIC SOCIETIES**

*Indian Society of Anaesthesiologists (ISA)*  
*Emergency Medicine Association , India.(EMA)*  
*Indian Society of Critical Care Medicine (ISCCM)*