

CURRICULUM VITAE

Name : **Dr. Alka Verma**

Specialty : Emergency Medicine

Sex : Female

Date of Birth : 19.04.1984,Uttar pradesh,India.

Nationality : Indian

Qualification : M.B.B.S, MD, FACEE

Present Position : Additional Professor

Business Address : Dr. Alka Verma
Additional Professor,
Department of Emergency Medicine
Sanjay Gandhi Post Graduate Institute of Medical Sciences,
Lucknow, Uttar Pradesh -226014.

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Areas of Interest : Emergency Medicine



EDUCATIONAL QUALIFICATIONS:

S. No	Degree	Institution	Period	% Marks
1.	Doctor of Medicine (MD) (Anaesthesiology)	GSVM.Medical college,Kanpur (CSJM. University, Kanpur)	2011- 2014	67%
2.	MBBS (Medical School)	M.L.N. Medical College, Allahabad (C.S.M. Medical University, Lucknow)	2004- 2009	75%
4.	Intermediate	S.D.S.B.V.M, kaushalपुरi, kanpur	2001	75% (UP board)
5.	High School	S.D.S.B.V.M, kaushalपुरi, kanpur	1999	75% (UP board)

Academic Honor:

- 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
- Got certification of Advanced trauma life support course 2016 &2020
- Got certification of Basic life support course 2016&2020
- Certification of advance cardiovascular life support course 2016&2020
- Certification of advance stroke life support course(ASLS) 2025.

Professional Experience:

Sl. No.	Position Held	Department	Institution	Period
1.	Additional Professor	Emergency Medicine	Sanjay Gandhi PGIMS, Lucknow	July 2024- till date
2.	Associate Professor	Emergency Medicine	Sanjay Gandhi PGIMS, Lucknow	July 2021 till June 2024
3.	Assistant Professor	Emergency Medicine	Sanjay Gandhi PGIMS, Lucknow	July 2018 to July 2021
6.	Senior Resident	Anaesthesiology	Sanjay Gandhi PGIMS, Lucknow	Aug 2014 to Jul 2017

Fellowships:

- FACEE (Fellowship programme of the Academic College of Emergency Experts in India (ACEE) in dec 2021
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Publications:

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. *The Indian Journal of Medical Research*. 2023 Sep 25;158(4):351.
2. Verma A, Jafri AD, Goel A, Mishra A. Hepatic damage associated with dengue infection: insights from the emergency department of a tertiary care centre. *Emergency Care Journal*. 2025;21(4).
3. Singh P, Ghatak T, Mani UA, Verma A, Jafri AD, Sundar S, Carlos ML, Dhawal M. The Effect of Bilateral Nasal Sphenopalatine Ganglion Block in Managing Headaches After Dural Puncture Following Lower Segment Cesarean Section: A Prospective Observational Study. *Cureus*. 2025 Mar 9;17(3).
4. Jafri AD, Verma A, Sundar S, Rizvi K. A rare case of perinephric and retroperitoneal hematoma following double-J stent placement. *Visual Journal of Emergency Medicine*. 2025 Apr 1;39:102288.
5. Verma A, Goel A, Yadav P, Bhalchandra AR, Khetan D, Sanjeev OP, Gunjiganvi M. Effect of Covishieldtm (AZD1222) Vaccination on Incidences and Severity of Covid-19 among Health-Care Workers. *The Indonesian Journal of Occupational Safety and Health*. 2024;13(2):222-8
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[®]) 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. 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*, 2022-10-01, Volume 29, Article 101480
8. 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.
9. Verma A, Tewari S, Kannaujia A. Perioperative management of patients with severe hypophosphataemia secondary to oncogenic osteomalacia: Our experience and review of literature. *Indian Journal of Anaesthesia*. 2017 Jul 1;61(7):590-3.
10. 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.

11. 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* 2023-01-01, Volume 30, Article 101601,
12. 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.
13. 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.
14. 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[®]) in Patients with Liver Cirrhosis. *Vaccines (Basel)*. 2022 Oct 30;10(11):1837. doi:10.3390/vaccines10111837. PMID: 36366346; PMCID: PMC9696004.
15. 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.
16. 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.
17. 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.
18. 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 Journal of Anaesthesia*. 2017 Oct 1;61(10):852-3.
19. 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.
20. 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.

21. 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.
22. Naveen R, Verma A, Raza HA, Chengappa KG, Naidu GS, Sharma S, Goel A, Misra DP, Sharma A, Gupta L, Agarwal V. Prescription Practices, Experiences, and Perspectives on the Usage of Hydroxychloroquine among Rheumatologists and Other Specialists. *Indian Journal of Rheumatology.* 2021 Jun 1;16(2):169-S178.
23. 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.
24. Sandeep Sahu, Alka Verma, Rashmi Soori. Ultrasound of Diaphragm. *Ultrasound 15A in critical Care.* *Ultrasound in critical care.* 2018/9/30 page 238.
25. (Sandeep Sahu, Alka Verma et al. USG of Diaphragm in textbook *Ultrasound in Critical Care 2019*, chapter no.15 A pages no. 238-251 by Dr Punit Khanna et al (AIIMS New Delhi) by JAYPEE publisher, ISBN:9789352701681)

- **Abstracts in Proceedings of International Conferences:**

- ❖ Presentation on Serological Immune response following ChAdOx1nCoV-19 Vaccine in patients with liver cirrhosis in IASGO, Turkey 2022.
- ❖ Presentation on emergency management of GIT cancer patients in Nepal, 2024.
- ❖ National Emergency airway training course (WACEM 2017), Colombo, Sri Lanka

National Conferences presentations and chairing a sessions:

- ❖ YUVAISACON 2026, Chairing a session on AI in anaesthesia, April 2026, Bhimtal, Nainital.
- ❖ AEMECON 2026, Workshop faculty , Sonosavvy, POCUS in action, 12 march, Kozhikode, Kerala.
- ❖ ISACON 2025, Chairing a session on airway management
- ❖ World Congress of Emergency Medicine Educators (WCEME 2025) as workshop faculty, Sept 2025
- ❖ World Congress of Emergency Medicine Educators (WCEME 2025) as conference faculty(Airway management & Oxygen Therapy, Sept 2025

- ❖ AORACON2025, Speaker in the 15th Annual Conference of the Academy of Regional Anaesthesia September 2025
- ❖ Chairperson at SERCON 2025, scheduled to be held at SGPGIMS, Lucknow, from August
- ❖ COMET-2025, part of Organizing Committee, Apr 2025
- ❖ COMET-2025, PULSE WORKSHOP, Apr 2025
- ❖ AEMECON 2025: Workshop faculty in Adult and Paediatric Airway Management, in Bangalore on Feb. 2025
- ❖ Panel discussion in transforming emergency medicine in India: the pivot role of anaesthesiologist, in Orchha 2024
- ❖ Chaired a session as a faculty during NEMICON 2024 (EMS services)
- ❖ Chair a session in TB Cascade training program held on 30th march 2024 at SGPGIMS, Lucknow
- ❖ Speaker for the CME and Workshop on Phlebotomy for Paramedics held on 13th April 2023 at SGPGIMS
- ❖ Faculty in CME program on 'Ultrasound In Perioperative Medicine' held on 3rd June 2023 at SGPGIMS.
- ❖ Chaired a session as a faculty during Artificial Intelligence in medical diagnostics, JIPMER, Puducherry 2022 .
- ❖ Poster presentation for the 3rd & 4th Research Day, SGPGIMS, on 13 December 2022 & 2023
- ❖ 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 21st -22nd September 2018
- ❖ National Emergency airway training course (WACEM 2017) ,Colombo, Sri Lanka
- ❖ Guest lecture: 4th SGPGI PG Anaesthesiology refresher course -2016 26-28th february 2016.
- ❖ 8th SGPGI Cardiac resuscitation course(basic and advance), IMA bhawan,Bareilly, Dec 2017

- **Book chapters:**
- PULSE: Emergency Ultrasound Guide: Editor-in-chief (2025)
- Text book “PULSE, chapters written-

• Lung USG
• Vascular ultrasound
• USG guided emergency procedures
• Ultrasound in cardiac arrest

- Text book chapter: text book name: “The Red Book Of Emergency Life Saving Tips, “Heat Stroke” 2025, September.
- Text book chapter: text book name: “The Red Book Of Emergency Life Saving Tips, “Sudden Vision Loss or Blurred vision” 2025, September
- 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.

- **Books (edited):**

PULSE: Emergency Ultrasound Guide: Editor-in-chief (2025)

- **Tele Lectures**

For ISA National online PG class on 6th oct 2025

- **News Paper**

- 1 articles on covishield vaccine awareness.

Academic Commitments:

1. Executive Committee Member-SACTEM (2024-Till date)

- **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)
- Society of acute trauma and emergency medicine (SACTEM)
- Associate of Emergency Medicine Educators (AEME)

Extramural & intramural Project:

Title of project		Sanctioned amount	Present status
Intramural			
PI	Antibody response following vaccination against COVID-19 using COVISHIELD in healthy HCW population.	5 Lacs	Published
PI	Predictive markers of Dengue Severity: “A Clinical and Laboratory-Based Study	10 Lacs	Ongoing
Extramural			
Site PI	Factors associated with unexplained sudden deaths among adults aged 18-45 years in India–A multicentric matched case–control study.	5 crore (5 Lac/site)	Published
CO-PI	Prevalence, determinants and awareness of covert injuries and its effect on performance in players involved in non-contact sanctioned amount sports	27 lacs	Ongoing

Travel Grants/ Awards/ Fellowships:

1. Biomedical Research course March 2021
2. External Examiner for Subharati Medical college, Meerut, (MD exam)– 2025
3. FACEE (Fellowship programme of the Academic College of Emergency Experts in India (ACEE) in dec 2021

Organizational Activities:

1. Organizing committee member of the COMET conference, Lucknow, April 2025
2. Organizing committee member of the 2nd annual comprehensive infectious diseases and critical skills update,SGPGIMS,Lucknow, dec 2025

