**Lt Col (Dr) Manu Chopra**

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# Academic Qualifications

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| **DEGREE** | **SUBJECT/**  **SPECIALITY** | **COLLEGE / UNIVERSITY** | **DATE** | **Grade/ Division** |
| MBBS  (Bachelor of Medicine and Surgery) | Medicine & Surgery | Armed Forces Medical College, Pune, India  Maharashtra University of Medical Sciences (MUHS) Nashik, India | Dec 2003 | Ist |
| MD  (Doctor of Medicine) | Pulmonary Medicine | Armed Forces Medical College, Pune, India  Maharashtra University of Medical Sciences (MUHS) Nashik, India | Jun 2012 | Ist |
| DNB  (Diplomate of National Board) | Pulmonary Medicine | National Board of Examinations, Delhi, India | Dec 2015 | Ist |
| International Sleep Medicine Board Examination | Sleep Medicine | World Sleep Federation | Jun 2017 |  |
| ERS Diploma Adult Respiratory Medicine |  |  | 2019 |  |
| Fellowship American College of Chest Physicians (USA) |  |  | 2019 |  |

# Certification and Licensure

Medical Council of India Registration number 26456

# Medical Training

Residency: Pulmonary Medicine, Armed Forces Medical College, Pune, 2009-2012

Internship : 167 Military Hospital, Pathankot 2003-2004

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# Professional and Clinical Experience

* Present Position (Jun 2023– till date)
  + Professor, Pulmonary Medicine, Department of Pulmonary, Critical Care and Sleep Medicine, Army Institute of Cardiothoracic Sciences, Pune
  + Diagnosing and managing varied cases requiring pulmonary, critical care and sleep medicine expertise referred to the premiere tertiary care centre of Indian armed forces. The centre is the leading research centre and tertiary care hospital well equipped with state of the art Interventional Pulmonary Lab, Pulmonary function testing lab and polysomnography Lab. A considerable effort is also spent on patients requiring invasive and non invasive ventilation.
* Previous Position (July 2020 – Jun 2023)
  + Professor, Pulmonary Medicine, Department of Pulmonary, Critical Care and Sleep Medicine, Command Hospital Eastern Command Kolkata.
  + Nodal officer in charge of managing COVID 19 pandemic in Eastern Command of Indian Army.
* Previous Position (July 2016 – Jul 2020
  + Assistant Professor, Pulmonary Medicine, Department of Pulmonary, Critical Care and Sleep Medicine, Army Hospital (Research & Referral), New Delhi, India.
* Previous Position (June 2012- July 2016)
  + Classified Specialist Pulmonary Medicine, Department of Pulmonary Medicine, Military Hospital Namkum, Ranchi, India
  + Was actively involved in managing oldest 700 bedded chest centre of Indian armed forces, providing sanatoria & directly observed treatment to Indian armed forces personnel suffering from Tuberculosis, including dreaded drug resistant tuberculosis.
  + The centre is well equipped in diagnosing and managing various pulmonary disorders utilizing interventional pulmonology lab, polysomnography lab and pulmonary function lab, thus offered extensive expertise in the same.
* United Nations Peace Keeping Force (July 2006- Jan 2007)
  + Was actively involved in providing medical care to troops and civilian population in war torn country Congo
* Field Service (March 2004 – June 2006)
  + Was posted in the tough active battle field areas of Jammu & Kashmir in India and gained experience in management of war casualties and also offered medical services to war struck civilians of areas.

# Teaching Experience

* Professor Pulmonary Medicine, MCI 2020 – till date
* Professor Pulmonary Medicine, Army College of Medical Sciences, New Delhi (2020 – till date)
* Examiner National Board of Examinations (2016 till date)

# Honors and Awards

MUHS Gold Medal in Pharmacology (2001)

General officer Commanding-in-chief Western Army Commendation Card (2017)

# Research Publications

1. Barthwal MS, Katoch CDS, **Chopra M**. Recurrent massive pleural effusion with Neurosarcoidosis: A rare presentation of Sarcoidosis. JAPI. 2011; 59:190
2. **Chopra M,** Vardhan V, Chopra D. Recent Innovations in Mechanical Ventilator Support. JACP. 2014; 2[2]: 57-62
3. Vardhan V, Pawah AK, **Chopra M**, Singhal S. Kayser–Fleischer-like rings in a patient with vitamin-B12 deficiency. Menoufia Med J.2016;29:179–180
4. **Chopra M**, Katoch CDS, Madan GDS. Outcomes of directly observed treatment for drug resistant tuberculosis. Eu Resp J.2016; 48:60
5. Barthwal M, Marwah V, **Chopra M**, et al. A five-year study of intrapleural fibrinolytic therapy in loculated pleural collections. Ind J Chest Dis & Allied Sciences 2016;58(1):17-20
6. **Chopra M**, Katoch CDS. Aspergilloma masquerading as pulmonary tuberculosis. JACP. 2017; 5[1]: 42-45
7. Suhag V, **Chopra M**. Shifting paradigms in management of lung cancer. EJPMR. 2017;4(1):212-215
8. Virender Suhag, Sunita BS, **Manu Chopra**, Pankaj Vats. EC NEUROLOGY Mini Review Management of CNS Tumors: The Road Ahead 2017;6:223-27
9. Lt Col Virender Suhag, Lt Col Sunita BS, **Lt Col Manu Chopra**. Scenario in Developing Countries – Little Light at the End of Tunnel. European Oncology & Haematology, 2017;13(1)
10. Suhag V, Sunita BS, **Chopra M**, Vats MP, Lohia MN. Recent Advances in Mangement of Prostate Cancer. J Oncobiomarkers. 2017; 3(1): 4.
11. **Chopra M,** Bhattacharyya D, Chopra M. Smoking cessation counselling – taking family in a stride. Tobacco induced diseases. 2018;16(1)
12. **Chopra M,** Agarwal M. Atypical pneumonia: is viral pneumonia 'Rare' or 'rarely diagnosed'? a case report and review of literature. Paripex Indian J of Research.2018;7(4):179-83
13. **Chopra M,** Gahlot GPS, Vardhan V. Does a short training in EBUS guided TBNA improve yield of conventional TBNA? Paripex Indian J of Research. 2018;7(7):529-30
14. **Chopra M,** Bhattacharyya D, Barthwal MS. Cough of more than two weeks – time to think beyond Pulmonary TB. Ind J of Tub.2019;66(1):44-48
15. Datta V, **Chopra M**, Kovilapu UV, Gahlot GPS. Solitary pulmonary nodule: an interesting clinical mimicry of pulmonary TB. MJAFI. 2019;75:115-118.
16. **Chopra M,** Tendolkar M, Vardhan V. Case series of pulmonary alveolar microlithiasis from India - rare disease. BMJ case reports. 2019;12:e227406.
17. **Chopra M,** Gahlot GPS, Vardhan V, Sahai K, Pandey IM, Chopra M. Attending EBUS- TBNA workshops improves yield of conventional TBNA. JAPI. 2019;67:101
18. Chakrabarty BK, Ganguli P, Ray S, **Chopra M**.Antinuclear Antibodies Status and Related Risk Factors in Non-pregnantAdult Indian Women. Indian J Med Biochem 2019;23(2):250-253
19. Singh P, Vardhan V, **Chopra M**, Mathur A.Rare cause of pulmonary consolidation in a malignancy case. Lung India 2019;36:447-8
20. Yadav S, Chugh R, Chopra M. Foreign body removal using cryoprobe in a child. [Journal of Laryngology and Voice](https://www.researchgate.net/journal/Journal-of-Laryngology-and-Voice-2230-9748) 2020;10(1):7
21. Singh P, Chopra M, Vardhan V. Detection of obstructive sleep apnea in young patients suffering from coronary artery disease by performing portable polysomnography studies. MJAFI 2020;8:[10.1016/j.mjafi.2020.06.005](http://dx.doi.org/10.1016/j.mjafi.2020.06.005)
22. Gahlot GPS, Dubey R, Chatterjee T, Chopra M. Necrotizing lymphadenitis with generalized adenopathy: A diagnostic dilemma – Kikuchi–Fujimoto disease. [Journal of Marine Medical Society](https://www.researchgate.net/journal/Journal-of-Marine-Medical-Society-0975-3605) 2021; Jan:23(1) [10.4103/jmms.jmms\_2\_20](http://dx.doi.org/10.4103/jmms.jmms_2_20)
23. Chopra M, Gahlot GPS. Pulmonary Tumor Thrombotic Microangiopathy - A Rare but Fatal Entity.January 2021.[SSRN Electronic Journal](https://www.researchgate.net/journal/SSRN-Electronic-Journal-1556-5068).DOI:[10.2139/ssrn.3944879](http://dx.doi.org/10.2139/ssrn.3944879)
24. Singh P, Katoch CD, Vardhan V, Chopra M, Singh S, Ahuja N. Functional impairment in bronchiectasis: Spirometryparameters versus St. George’s Respiratory Questionnaire scores:Any co-relation? Lung India 2021;38:545-51
25. Babu PS S, Marwah V, Katoch C, Chopra M, et al. (November 27, 2021) Diagnostic Yield and Safety of Bronchoscopic Lung Cryobiopsy in Evaluation of LungMass. Cureus 13(11): e19940. DOI 10.7759/cureus.19940
26. Chopra M, Chopra M, Bhattacharyya R. A Rare Case of Coughing out Blood with Clogged Pulmonary Vessels. January 2022.[SSRN Electronic Journal](https://www.researchgate.net/journal/SSRN-Electronic-Journal-1556-5068). DOI: [10.2139/ssrn.4164647](http://dx.doi.org/10.2139/ssrn.4164647)
27. Chopra M, Chopra M, Pandey I, et al. Biologicals In Severe asthma – Stopping The Unstoppable.[The Journal of allergy and clinical immunology](https://www.researchgate.net/journal/The-Journal-of-allergy-and-clinical-immunology-0091-6749) 2022;Feb:149(2):AB17.DOI: [10.1016/j.jaci.2021.12.093](http://dx.doi.org/10.1016/j.jaci.2021.12.093)
28. Chopra M et al., Disease profile and patient outcomes in vaccinated COVID-19 patients at a tertiary care Indian hospital: An observational, real-world study, Medical Journal Armed Forces India, <https://doi.org/10.1016/j.mjafi.2022.04.004>
29. Chopra M et al., Effect of treatment regimens in severe COVID pneumonia at an Indian tertiary care hospital:An observational, real-world study, Medical Journal Armed Forces India, <https://doi.org/10.1016/j.mjafi.2022.05.009>
30. Chopra M, Singh P, Shafin Babu PS, A. Bandopadhyay, Mishra P, Y.S. Sirohi, et al. Video bronchoscopic electrocautery fulguration of endobronchial carcinoids: Case series from an Indian tertiary care center. Medical journal, Armed Forces India. 2023 Apr 1;

# Papers presented in conferences/ Oral Presentations

1. BRONCOCON 2011 (Poster presentation) “A study of profile of endobronchial lesions in histopathologically confirmed cases of carcinoma lung”. MS Barthwal, **Manu Chopra**, CDS Katoch, D Bhattacharyya, A Vijay, A Arora.
2. NAPCON 2011 (Poster presentation) “Clinico- radiological-pathological profile of cases of ILD’s reporting to a chest centre”. Ajai Kumar, **Manu Chopra**, MS Barthwal
3. SLEEPCON 2013 (Poster presentation) “Two cases of Narcolepsy”. **Maj Manu Chopra**, Dr Anand Vijay.
4. European Respiratory society 2015 (Poster presentation) “Response of updated WHO drug resistant tuberculosis guidelines”. **Manu Chopra**, CDS Katoch
5. BRONCOCON 2015 (oral presentation) “Results of fiberoptic bronchoscopies carried out in a secondary care chest centre of armed forces”. **Manu Chopra**, CDS Katoch
6. European respiratory society 2016 (Poster presentation) “Outcomes of directly observed treatment for drug resistant tuberculosis”. **Manu Chopra,** C.D.S. Katoch, G.D.S. Madan, Barun Chakrabarty
7. BRONCOCON 2017 (Oral presentation) “Does a short training in EBUS guided TBNA improve yield of conventional TBNA”. **Lt Col Manu Chopra**
8. European Respiratory Society 2017 (Poster presentation) **“**Smoking cessation counselling - taking family in a stride”. **M. Chopra,** V. Vardhan, M. Chopra
9. ACBICON 2017 (Poster presentation) “Antinuclear antibodies status and related risk factors in non-pregnant adult Indian women”. Chakrabarty BK, Bajpai M, Ray S, **Chopra M**
10. CME Postgraduate Institute Rohtak 2018 (Oral presentation) “Anatomy of tracheobronchial tree”. **Manu Chopra**
11. NAPCON 2018 (Oral presentation). “Pulmonary Embolism Rule out Criteria (PERC)”. **Manu Chopra**
12. NAPCON 2018 (Oral presentation) “Eosinophil functions and the role of IL-5”. **Manu Chopra**
13. Indian Chest Society Delhi Chapter 2018. “Resilient cavities of lungs”. **Manu Chopra**
14. American Thoracic Society 2020 International Conference, May 15-20, 2020 - Philadelphia, PA. Acute Respiratory Distress in Previously Healthy Young Adults on Exposure to Hypobaric Hypoxia. Prasad BB, **Chopra M**
15. ERS International Congress 2020. Real prevalence of severe asthma in developing countries – Is the diagnosis correct? **Chopra M,** Vardhan V, Singh P
16. AAAAI 2022.Diagnosing and managing Uncontrolled Asthma in Sailors on Board Naval Ship utilizing Bluetooth PEFR monitoring – Challenges of peculiar environment. **Chopra M,** Shafin BPS, Marwah V.
17. NAPCON 2021. Adult Vaccination in COPD. **Chopra M.**
18. NAPCON 2022: How prepared are we for possible bioterrorist attacks including infection control measures, protection of health care providers, and critical care facilities. Lessons learnt from COVID-19 pandemic. **Chopra M**

# Research Projects

1. Obstructive sleep apnea in Coronary artery disease in young. Armed forces medical research project No 3047/2000.
2. DLCO vs nail fold capillography as early marker in connective tissue related Interstitial lung disease. Armed forces medical research project No 3136/2003.

# Membership of Recognized Scientific Bodies

* American College of Chest Physicians
* European Respiratory Society
* Indian Chest Society
* Indian Sleep Disorders Association
* Indian college of allergy, asthma & applied immunology

# Professional service

Reviewer of Medical Journal Armed Forces India

Reviewer of International Journal of Pulmonology and Infectious Diseases

Reviewer of The Scientific Journal of Pediatric Surgery

Organizing Secretary CME in Pulmonary Emergencies 2012

Invited speaker – NAPCON, Armed forces medical hospitals, PGI Rohtak