

Rohit Kumar, MBBS

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EDUCATION AND TRAINING:

09/2016 - 09/2023, **Government Medical College, Jammu, India** - *Bachelor of Medicine and a Bachelor of Surgery (MBBS)*

- Attended workshops on Basic Research Methodology, Biostatistics, and Leadership in Scientific Research.
- Collected data with proper Questionnaires on Rural Food Insecurity.
- Prepared and Presented a Community Case Report on Obesity and its Web of Causation.
- Helped Residents with their Post-Graduate thesis work.
- Delivered a 'Vote of Thanks' speech for the TEDxGMCJAMMU Event.
- Assisted in reporting COVID-19 data entry into the ICMR COVID-19 Data Portal.

Publications:

07/2023 Sikander Chirag, Mehreen Syed Gurcoo, Namgail Zangmo, and Rohit Kumar. A Case of Bacterial Meningitis due to *Stenotrophomonas maltophilia* in a Patient with Pilocytic astrocytoma. International Journal of Current Microbiology and Applied Sciences. 2023;12(07):168-171.

04/2023 Kumar, R. (2023). Outsmarting Metabolic Syndrome: Simple Strategies for a Healthier You. [Link](#)

10/2022 Kumar, R. (2022). 'History Revisited: Antimicrobial Resistance (AMR).' Lexicon Magazine. Retrieved from [Link](#)

WORK EXPERIENCE:

01/2025 -Present, **All India Institute of Medical Sciences, New Delhi, India** - Radiation Oncology *Junior Resident*

- Learned about External beam radiotherapy, brachytherapy, stereotactic radiotherapy (SRT), and intensity-modulated radiotherapy (IMRT)
- Posted inpatient services responsible for detailed H&P, sending orders, sampling, and helping patients understand the status of their disease, intended treatment, care, precautions to be taken during treatment, and expected outcomes.

10/2024 - 11/2024, **MD Anderson Houston, Leukemia Rotation**- Visiting Medical Graduate

- 4 weeks rotation with morning in the inpatient and outpatient seeing cases like PV, ET, MDS, ALL, AML, CLL, CML, and Aplastic anemia.
- Attending Leukemia morning, noon conferences, and grand rounds along with Fellows, researchers, and core faculty.
- Outpatient service under Dr. Fadi Haddad learning about various hematologic conditions (like Polycythemia Vera, AML, and CLL) and their management, learning about complexities of Bone Marrow Aspiration and Biopsy, Cytogenetic Analysis, Fluorescence In Situ Hybridization (FISH), Quantitative Polymerase Chain Reaction (qPCR), Flow cytometry, Targeted genetic panel testing, diagnostic and prognostic significance of ASXL1, CALR, IDH1, IDH2, and TP53.

09/2024 -10/2024, **Cleveland Clinic Foundation- Clinical Cardiology Rotation**- Visiting Medical Graduate

- Consult Service with Dr. Tamanna Singh and Dr. Abhayjit Singh and Internal Medicine Residents: Presented and suggested a management plan for cases like A.fib, Heart Failure, MI, HOCM, EKG Changes, Chest Pain, and SVT.
- In-patient Service: Rounding on floors with Dr. Julie Huang, and accompanying residents with pre-rounds, admissions, grand rounds, and conferences. Presented and suggested management for cases like Aortic Aneurysm, DVT, CAD, Chest Pain, and AV Blocks.
- Out-Patient: Rotated with Dr. Rohit Moudgil, and Dr. Heba Wassif in out-patient, H&P for management of pericarditis,
- EP Lab and Cath Lab: Observed and discussed cases like catheter ablation, ICD Placement, biventricular pacemaker, lead extraction, LHC

07/2024 - 08/2024, **Houston Cardiovascular Care, PLLC, Clinical Rotation under Dr. Abdelkader Almanfi, M.D., F.A.C.C., F.S.C.A.I., HCA Clear Lake, Memorial Hermann Hospital, St. Luke Hospital**- Visiting Medical Graduate

- Assisting with managing various complex cardiac and vascular conditions, patient case presentations, history, and examination.
- Involved in coronary interventions, ECG and stress testing, peripheral vascular interventions, MitraClip, angiography, TAVR Procedure, EVAR, PFO Closure, and DVT.

06/2024 -07/2024, **North Central Group LLC Valley Stream NY and NY Digestive Disease Center LLC Flushing, Clinical Rotation under Dr. Kaumudi Somnay, MD, FACC, FASGE.**

- Involved in Endoscopy, Colonoscopies, diagnostic and therapeutic ERCP and Endoscopic Ultrasound, Fibroscan, urea breath test, FIT test, EGD, and colonoscopy patient preparation and pre-anesthetic assessment.
- Used EMR, eClinicalWorks, and Quest Diagnostics to prepare daily outpatient and procedure patient case presentations, take history and examinations, schedule patient appointments, and reconcile medications.

09/2023 - 04/2024, **Shri Mata Vaishno Devi Narayana Superspeciality Hospital, Katra, India** - *Registered Medical Officer*

- Rotated through various departments, such as Medical Oncology, Critical Care, and Internal Medicine, and the intricacies of health insurance approvals.
- Managed patients with a range of chronic conditions, including diabetes, asthma, COPD, hypertension, DKA, dengue, tuberculosis, and thyroid disorders. Referred patients to specialists.
- Played a vital role in quality assessment by participating in Infection control, and delivering Infection control NABH audits.
- Conducting community healthcare camps as a physician addressing outpatient needs including geriatric medicine, chronic diseases, and seasonal medicine.

03/2023 - 06/2023, **International Society for Chronic Illnesses** - *Director (2)*, ISCI 2nd Annual Conference 2023

- Conceptualized and executed an online medical conference.
- Managed a team of 15 individuals in areas of communication, marketing, content writers, operations, and outreach
- Increased the conference visibility among the medical community through research and promotional partners
- Supervised paper presentation guidelines, selection of abstracts, and establishing scoring rules to select top presenters
- Planned the strategy for panel discussion, and prepared all the PowerPoint presentations for the conference on day 1 of the conference.

11/2021 - 09/2023, **Government Medical College, Jammu, India** - *Mandatory Clinical Rotation (MBBS Internship)*

- At the end of the Internship, We were trained to i) Diagnose clinically common diseases, and make timely decisions for referral to a higher level. ii) Use essential drugs, infusions, blood or its substitutes, and laboratory Services. iii) Manage emergency cases like medical, surgical, obstetric, neonatal, and pediatric. iv) Demonstrate skills in the monitoring of National Health Programmes and schemes.
- Full-time Hands-on rotation in Community Medicine, General Medicine including ICU, CCU rotation, General Surgery, Gynaecology and

obstetrics (MCH, FW), Pediatrics including PICU/NICU rotations, Ophthalmology, ENT, Anaesthesia, Forensic Medicine, Chest Diseases / District Tuberculosis Centre, Psychiatry.

09/2022 - 03/2023, **TEDx - Organiser** ([3](#), [4](#)), *TEDxGMCJammu*

- Our event was published in English and Hindi by local and national media houses like *Daily Excelsior* ([5](#)), *Jammu Links News*, *Janta Se Rishta*, and *92.7 Big FM*, India's second-largest private radio station.
- Managed a team of 20 people starting from sending team applications to assigning roles to each of the team members
- Managed marketing, TEDxGMCJammu merchandise, and prepared, and planned ticket logistics.
- Outreach for relevant speakers, maintaining contracts, and finalizing speakers.
- Prepared contracts and brochures like speaker invites, sponsorship packages, and budgeting, including hosting out-of-town speakers.
- Managed teams including digital design, social media, operations, and post-production release of videos on the official TEDx website
- Planned and raised about 3,000\$ in sponsorship from local businesses
- Ensured proper TEDx guidelines were followed by speakers, the stage management team, the Audio-Video production team
- Delivered a vote of thanks speech and handled post-event tasks like sending Certificates to 100+ attendees, reassessing the budget, social media updates, helping with Video Editing as per guidelines, and post-event marketing.

Presentations:

07/2024, **Division of Gastroenterology, New York-Presbyterian, Queens-** Daily didactic presentations on topics like Enterovesical Fistula and complication, Non-Alcoholic Steatohepatitis, Evaluation of Steatorrhea, Inflammatory Diarrhea & IBD, ERCP vs Cholecystectomy in Pancreatitis Autoimmune Metaplastic Atrophic Gastritis, Liver Metastasis in Colon Cancer, Biliary System & Pathologies, Celiac Disease, Complications of Diverticulitis & Phlegmon.

05/2023, **International Society for Chronic Illnesses-** Presented and moderated the conference.

8/2020, **Government Medical College, Jammu-** Presented a community-allotted case of Obesity and case-specific web of causation.

RESEARCH EXPERIENCE:

07/2024 -08/2024, **Houston Cardiovascular Care, PLLC, Abdelkader Almanfi, M.D., F.A.C.C., F.S.C.A.I. HCA Clear Lake, Memorial Herman Hospital, St. Luke Hospital-** Visiting Medical Graduate

- Writing a case report on 'Successful left atrial appendage closure using Watchman in a patient with an atrial septal defect closure device'

06/2024 - 7/2024, **Division of Gastroenterology, New York-Presbyterian, Queens- Kaumudi Somnay, MD, Attending Physician-** Visiting Medical Graduate

- Writing a case report on 'Sjögren's Syndrome and Myelofibrosis in an Elderly Female with Gastrointestinal and Hemorrhoidal Issues'

10/2023 - Present, **Government Medical College, Jammu-** Research Associate (Gastroenterology and Endoscopy Department)

- The study title is 'Extraintestinal Manifestations of Inflammatory Bowel Disease (IBD) and its Prevalence in a Tertiary Care Hospital.' Responsible for literature review, manuscript writing, and data compilation.

09/2023 - Present, **Government Medical College, Jammu-** Research Associate (Clinical Microbiology Department)

- The title of the study is 'Extra-pulmonary TB sample reporting trends during & after COVID-19 in a tertiary care hospital of Northern India'. Responsible for developing the research idea, literature review, writing proposal for Ethics clearance, manuscript writing, data collection from the past four years, and its compilation.

07/2023 - Present, **International Society for Chronic Illnesses-** Trainee-led Research Collaborative for Chronic Illnesses (TRCCI Study), Research Coordinator, Asia.

- ResMen Study - evaluating the effectiveness of emerging Research Mentorship programs in low- middle- and high-income countries [QSE Link](#)
- The study aims to assess the quality and impact of several mentor-mentee research programs that have emerged worldwide (especially LMIC) on medical students and healthcare trainees along with assessing mentor satisfaction.
- Currently, we are collecting data with small working groups (SWGs).

11/2023 - Present, **International Society for Chronic Illnesses** - Research Associate

- Writing a case report on the title 'Subacute management of a post-op patient with axial gout and multiple comorbidities like ESRD.' My role is to edit the first draft of the manuscript, manage references, and shortlist the Physiatry Journals for the case report to be published.

VOLUNTEER ROLES:

04/2023 - 06/2023, **Medilens Medical & Health News Magazine**, Operations Manager [1](#)

- Developed a theme for the new magazine issue which included topics like adolescent dilemmas on sexuality and LGBTQ+, gaming addiction, the link between mental health and lifestyle changes, adolescent anxiety, and eating disorders in teenagers.

08/2022 - 09/2022, **Project IMG**, Educational Content Creator ([6](#))

- Prepared a PowerPoint Presentation on Cell Cycle, recorded a lecture in a video format, and published it on a free lecture series on the project IMG website for USMLE Students seeking free educational content.

09/2022 - 06/2023, **Medical Students Association of India**, Local Exchange Officer (LEO)

- My role was to promote Professional Exchanges where medical students apply for research and clinical exchanges abroad under the MSAI organization. Evaluating the nationwide applicants by scoring their Application Forms and Resumes with a point-based system for the International exchange program.

03/2020 - 02/2021, **Medical Student Rural Health Camp, Jammu**

- With a well-curated team including Medical Students, Residents, Registrars, and Ayurvedic Consultants we provided health checkups in the local slums. Screened people for Hypertension, Diabetes, Cataracts, and Nutritional deficiencies, dispensed necessary essential medicines, deworming for children, Mother & Child care, and referrals to specialists.

07/2018 - 11/2018, **Act to Rise for Innovation in Special Education (ARISE Impact)**, Program Lead in Operations

- Collaborate the organization with a Residential School for the visually impaired starting from designing the proposal, giving a pitch to authorities, and explaining the vision of the organization and its perks for the visually challenged college students residing in the school.
- Regular visits to interact with the students to assess their educational needs, professional goals, technology proficiency, and their use of available technology, enabling us to design personalized learning by providing them with audio learning guides with professional development modules, resume-building, employment skills, etc.

10/2017 - 12/2017, **Careers360 - National Campus Representative Program (Ranked 4th)**

- Recognized for my performance and awarded a Littmann Stethoscope and their Magazine mention.
- Offered guidance on Pre-Med exam preparation strategies, personalized med school recommendations based on individual profiles and scores, highly effective book recommendations for exceptional performance, and insights on time management and exam-taking skills. Answered over 200 plus Q&A, which has an estimated total view count of approximately 500 to 3000 or more with each answer.

EDITORIAL EXPERIENCE:

Medilens Medical & Health News Magazine

- Reviewed articles submitted to the magazine and checked for novelty, readability, and factual accuracy. Suggested changes to align the topic with the magazine's vision, guidelines, and grammar.

The British Student Doctor, Peer-Review Editor

- Got an opportunity to review the title and abstract of the paper in question, be able to accept or decline the publication, and give feedback.

HONORS AND AWARDS:

10/2022, LexiMeet 2022 - Awarded 3rd Prize in the Medical Photography Contest

07/2020, All India Undergraduate Online Medical Quiz - Asclepius 2020- Participated in Occam's Razor conducted by JSS Medical College, Mysuru

9/2019, Pulse-AIIMS- National Organ Donation Poster Presentation - 2019, 4th Prize

09/2018, Careers360 - National Campus Representative Program (Ranked 4th)

WORKSHOPS/CERTIFICATIONS:

06/2023 - Online webinar on Ace the Disease- Stroke June 2023 by GCMER Georgia.

05/2023 - Certified American Heart Association, Advanced Cardiovascular Life Support (ACLS).

05/2023 - American Heart Association, Basic Life Support (CPR and AED) Program.

04/2023 - Online webinar on Systematic Reviews and tools.

04/2020 - Certified for Infection Prevention and Control (IPC) for Novel Coronavirus (COVID-19).

03/2020 - **Harvard University**, HarvardX - Improving Global Health: Focusing on Quality and Safety [Link](#)

07/2018 - **University of California**, San Francisco (UCSF) - Introduction to Clinical Neurology

TEST SCORES

01/2023, USMLE STEP 1 - PASS

06/2023, TOEFL W(24), L(26), S(24)

03/2024, OET R/L/S/W: 380/380/390/370

LANGUAGES SPOKEN:

English (Fluent), Hindi (Fluent)

References:

1. https://www.linkedin.com/posts/medilens20_issue-4-activity-7073909937172561920-ZTjG?utm_source=share&utm_medium=member_desktop
2. <https://www.isci.info/conference2023>
3. <https://www.ted.com/profiles/36165677/about>
4. <https://www.ted.com/tedx/events/52440>
5. <https://www.dailyexcelsior.com/gmc-jammu-organizes-1st-ever-tedx-talk/>
6. <https://vimeo.com/741535866>