Curriculum Vitae

**Col (Dr) Rajiv Kumar**



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***E-mail:***

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**Telephones:**

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**Personal details:**

Date of Birth: 19th Spetember 1976

Father's Name: Sh. R N K Sinha

Nationality: Indian

Marital Status: Married

**Qualifications:**

**2014: D M (Clinical Hematology)**

All India Institute of Medical Sciences, New Delhi

**2005: M D (Internal Medicine)**

Armed Forces Medical College, Pune

**2001: Post Graduate Diploma in Medicolegal Systems (PGDMLS)**

Symbiosis Institute of Management, Pune

**1998: M.B.B.S.**

Armed Forces Medical College, Pune

**Awards:**

**2006: Hari Malini Joshi Gold Medal** awarded by the University of Pune for standing first in the MD (Internal Medicine) examination held in 2005 among all students who appeared at the university level.

**Col SN Prabhakaran Gold Medical** for standing first in the Grading examination in Internal Medicine held by the Dept of Internal Medicine, Armed Forces Medical College, Pune.

**Lt Gen Inderjit Singh Gold Medal** for standing first among all students of AFMC appearing in the MD Medicine exams held by the University Pune.

**Licensure and Membership**

* **Maharashtra Medical Council in 1999; Reg. No: 89204**
* **Medical Council of India in 2004; Reg. No:**
* **Member of Indian Society of Hematology & Transfusion Medicine (ISHTM) since 2012 (L-1221).**
* **Bombay Medical Congress since 2016.**
* **American Society of Hematology since Jan 2018 (International Member).**
* ***Associate Editor of Indian Journal of Hematology and Blood Transfusion (IJHBT) wef Dec 2020***

**Work Experience:**

**Experience as Clinical Hematologist:**

* Worked at the largest Hematology center of the Armed Forces at Army Hospital (Research & Referral) from Jul 2014 to May 2016.

1. **Hemato-Oncology-** Leukemia (ALL & AML), Lymphoma (Hodgkin & Non-Hodgkin), Multiple Myeloma, Myelodysplasia.
2. **Hematology-** Thalassemia, Hemophillia, ITP, Aplastic anemia, Immunodeficiency disorders, Nutritional anemias, Hemolytic anemia, Coagulation and thrombosis disorders including DIC, and Transfusion medicine.
3. **BMT-** Autologous and Allogeneic (Matched Sibling Donor and Haploidentical donor)

* Worked as Consultant Medicine and Clinical Hematologist at the largest Naval Hospital of the Indian Navy, Indian Naval Hospital Ship (INHS) Asvini from Jun 2016 to Sep 2020. Established the new Clinical Hematology and Bone Marrow Transplant center in a short period of 9 months and conducted the first ever Autologous BMT in this hospital in Jan 2017.
* Appointed as the Professor of Medicine by the MUHS, Nashik in Apr 2020*.*
* Presently working as Consultant Medicine and Clinical Hematologist at the Command Hospital Air Force at Bangalore wef Oct 2020.
* Appointed as Professor of Medicine of Medicine by RGUHS, Bangalore wef Sep 2020
* Appointed as examiner in General Medicine for MD exams held in Apr 2021 by the FAMS, University of Delhi

**Professional Skills:**

* Procedures in Hematology and Oncology and BMT unit
* General Wards, OPDs
* Good computer skills
* Good communication skills, oral and written

**Dissertations*:*** Submitted for DM (Clinical Hematology) Examination in June 2014 conducted by All India Institute of Medical Sciences, New Delhi

***1. Title – Prospective evaluation of Open Splenectomy in Hematological disorders.***

***2. Title – Interferon gamma in T cells as a marker of response to ATG in Aplastic Anemia***

# Publications:

1. Sonal Jain, **Rajiv Kumar**, Abhishek Purohit, Hara Prasad Pati. Precursor NK cell Lymphoblastic Leukemia/Lymphoma – Report of a case with literature review. Indian Journal of Hematology and Transfusion Medicine. Mar 2014.
2. Mukul Agrawal, Abhishek Purohit, Manoranjan Mahapatra, **Rajiv Kumar**, Pravas Mishra, Tulika Seth, Renu Saxena. Pleural effusion as an unusual manifestation of Acute Myeloid Leukemia. Indian Journal of Hematology and Transfusion Medicine. Sep 2014.
3. Prabhu Manivannan, Abhishek Purohit, Venkatesan Somasundaran, Ankur Ahuja, Mukul Agrawal, **Rajiv Kumar**, Pawan Kumar Singh, Hara Prasad Pati, Pravas Mishra, Tulika Seth, Manoranjan Mahapatra. Leukemia transformation of Severe Aplastic Anemia following Matched Allogenis Stem Cell Transplantation, Transplanted Again in CR1. Indian Journal of Hematology and Transfusion Medicine. Dec 2014.

4. Vandana Sharma, **Rajiv Kumar**, et al. Expression of intracellular interferon gamma and perforin

in T cells in acquired aplastic anemia patients. Conference paper. August 2016 (Hematologists

Congress J Blood Disord Transfus; 2016, 7:4 (Suppl), At London, UK.)

5. Rajan Kapoor, **Rajiv Kumar\***, et al. Low Dose Rituximab in Chronic ITP: Still an Option in

Resource Limited Settings. Indian Journal of Hematology and Transfusion Medicine. Dec 2016.

6. **Rajiv Kumar**, Rajan Kapoor, et al. Single Dose Preemptive Plerixafor for Stem Cell

Mobilization for ASCT After Lenalidomide Based Therapy in Multiple Myeloma: Impact in Resource Limited Setting. Indian Journal of Hematology and Transfusion Medicine. Feb 2017.

7. H. S. Darling, **Rajiv Kumar\***, et al. BCR-ABL and JAK2V617F Mutation Co-existence, Rare or

Just Unexplored. Indian Journal of Hematology and Transfusion Medicine. Jan 2017.

8. **Rajiv Kumar**, Rajan Kapoor. Primary Imatinib failure rescued by Dasatinib and maintained by

Imatinib reintroduction. Brazilian Journal of Hematology and Hemotherapy, Jul 2017.

9. **Rajiv Kumar**, Rajan Kapoor, et al.Cyclophosphamide Followed by Intravenous Busulfan (Cy-

Bu) As Myeloablative Conditioning: Impact on Venoocclusive Disease and Transplant outcomes,

Real World Experience. Blood 2017 130:3226; Suppl 1(Abstracts).

10. Velu Nair, Uday Yanamandra, Rajan Kapoor, **Rajiv Kumar**, et al. Splenic Infarct As an

harbinger for Sickle Cell Traits in High Altitude. Blood 2017 130:4650; Suppl 1 (Abstracts).

11. Divya Bansal, Tulika Seth, **Rajiv Kumar**, Renu Saxena, Pravas Mishra, Immaculata Xess.

Efficacy of Posaconazole prophylaxis in patients with Acute Myeloid Leukemia undergoing

induction chemotherapy: An Observational Study in Resource Limited Settings. Indian Journal

of Hematology and Transfusion Medicine. 13 Jan 2018.

12. Rajan Kapoor, A Simulti, **Rajiv Kumar\***, Uday Yanamandra, Satyaranjan Das, Jasjit Singh,

Velu Nair. PRES in Pediatric HSCT: A single-center experience. J Pediatr Hematol Oncol. May

2018.

13. Rajan Kapoor, **Rajiv Kumar**. Lymphoma in ‘India’ at the Dawn of Targeted Therapies. Indian J

Hematol Blood Transfus .18 Jun 2018 (Editorial)

14. **Rajiv Kumar\***, Rajan Kapoor, Jasjit Singh, et al. Splenic Infarct on Exposure to Extreme High

Altitude in Individuals with Sickle Trait: A Single-Center Experience. High Altitude Medicine & Biology. Aug 2019.

15. Rajan Kapoor, **Rajiv Kumar\***, A P Dubey. Risk Stratification in Multiple Myeloma in Indian

Settings. Indian J Hematol Blood Transfus. Jan 2020 (Online first).

16. Jasjit Singh, Sachin Maggo, Jyoti Kotwal, Inderpal, **Rajiv Kumar**, et al. Galactomannan

Enzyme Immunoassay: Diagnosis & Monitoring Invasive Aspergillosis in Patients of Acute

Leukemia & Stem Cell Transplant. International Journal of Health Sciences and Research.

January 2020; Vol.10; 1:153-160.

17. Kundan Mishra, Suman Pramanik, Aditya Jandial, Kamal Kant Sahu, Rajeev Sandal, Ankur

Ahuja, Uday Yanamandra, **Rajiv Kumar**, et al. Real-world experience of eltrombopag in

immune thrombocytopenia. Am J Blood Res 2020; 10(5): 240-251.

18. Kundan Mishra, Suman Kumar, Aditya Jandial, Kamal Kant Sahu, Rajeev Sandal, Ankur Ahuja,

Sanjeev Khera, Yanamandra Uday, **Rajiv Kumar**, et al. Real-world experience of Rituximab in

immune thrombocytopenia. Indian J Hematol Blood Transfus. Published online Jan 2021.

19. Uday Yanamandra, Rajni Sharma, Siddharth Shankar, Shikha Yadav, Rajan Kapoor,

Suman Pramanik, Ankur Ahuja, **Rajiv Kumar**, et al. Survival Outcomes of Newly

diagnosed Multiple Myeloma at a tertiary care centre in North India (IMAGe: 001A

Study). JCO Global Oncology.2021: 7: 704-715.

20. Kundan Mishra, Suman Kumar, Rajeev Sandal, Aditya Jandial, Kamal Kant Sahu,

Kanwaljeet Singh, Sanjeev Khera, Ashok Meshram, Harshit Khurana, S Venkatesan, **Rajiv Kumar**, et al. Safety and efficacy of Azathioprine in Immune Thrombocytopenia. American Journal of Blood Research. Aug 2021; 11(3): 217-226.

21. Kundan Mishra, Suman Kumar, Sandeep Ninawe, Rajat Bahl, Ashok Meshram,

Kanwaljeet Singh, Aditya Jandial, Kamal Kant Sahu , Rajeev Sandal, Sanjeev Khera,

Uday Yanamandra, Harshit Khurana, **Rajiv Kumar**, et al. The clinical profile,

management, and outcome of febrile neutropenia in acute myeloid leukemia from

resource constraint settings. Therapeutic Advances in Infectious Disease. 2021, Vol.

8: 1–11.

22. **Rajiv Kumar**, P Vinny Wilson, Vishnu Nair, Rajesh Jakku. Comprehensive

thrombophilia evaluation in Cerebral Venous Thrombosis: A Single Centre Cross

Sectional study. IJHBT, Aug 2021 online.

23. Vandana Sharma, Prabin Kumar, **Rajiv Kumar**, et al. Interferon-gamma and perforin-

positive T cells in acquired aplastic anemia: implication in therapeutic response. Clinical and

Experimental Immunology. 10 Dec 2021; uxab006, doi.org/10.1093/cei/uxab006

24. Kundan Mishra, Suman Kumar, Kanwaljeet Singh, Aditya Jandial, Rajeev Sandal, Kamal Kant

Sahu, Sanjeev Khera, **Rajiv Kumar**, et al. Real‐world experience of anti‐D immunoglobulin in

immune thrombocytopenia. Annals of Hematology. Online 22 Apr 2022. doi.org/10.1007/s00277-

022-04829-4.

25. Vineet Behera, **Rajiv Kumar**, Chaturbhuj Agrawal, et al. Clinico-laboratory Profile and

Outcomes of Megaloblastic Anemia presenting as Severe Pyrexial Illness mimicking Tropical

Infection. Journal of the Association of Physicians of India, Volume 71 Issue 5 (May 2023); 70-

74.

26. Y Uday, Ankur Ahuja, Rajan Kapoor, S Das, Suman Kumar, Kundan Mishra, **Rajiv Kumar**, et

al. Indian multicentre phase II randomized study comparing post stem cell transplantation

maintenance regimens for newly diagnosed multiple myeloma patients (IMPOSe

Trial).Conference paper. Aug 2022.Clinical Lymphoma, Myeloma and Leukemia.

**Presentations**

1. Delivered lecture on Factor VIII Inhibitors at the National Hematology Update 2015 held at the All India Institute of Medical Sciences, New Delhi.

2. Delivered lecture on CLL at the International Association of Pathologists (Indian Chapter)

held at the All India Institute of Medical Sciences, New Delhi, June 2014.

3. Poster Presentation at American Society of Hematology, 59th Annual Meeting & Exposition at

Atlanta, Georgia. Dec 2017.

1. Delivered a lecture at the 41st Annual meeting of the Mumbai Hematology Group as a faculty on “Adult ITP, an update on EXTEND study” on 17 March 2018.
2. Participated in the 59th American Society of Hematology (ASH), Annual Meeting in Atlanta, US in 06 Dec to 09 Dec 17 as a delegate. Presented two poster presentations which were accepted as ASH abstracts of the conference.
3. Participated in a panel discussion as a panelist at the India Myeloma Congress in Feb 2018, Topic: MGRS.
4. Delivered a lecture at the XI National Hematology Update (NHU XI) organized by AIIMS, New Delhi, as a faculty on the topic “Can we shift to DOACs in all Indian patients with VTE” on 15 Apr 2018.
5. Panel discussion in 2nd Hematology Update at AIIMS Jodhpur: 28th Jul 2018. Topic: Management of Multiple Myeloma. Moderator of the session.
6. Conducted the Clinical Rounds of the Zonal round of the ISHTM Hematology Quiz at AIIMS, Jodhpur on 29th Jul 2018.
7. Conducted a quiz for the DM students at the Annual Meeting of the Mumbai Hematology Group (MHG 2019) on 16 March 2019 on the topic: ‘Plasma Cell Dyscrasias’.
8. Delivered a case presentation at the **Lymphoma Master Class** with Dr Kammi Maddock at the Mumbai Hematology Group meeting on 28 Sep 2019. Topic- Ibrutinib cardiac toxicity: Is there a first dose effect?
9. Delivered a case presentation at the 8th Thalassemia Lunch-on Symposium with Dr Maria Dominique Cappilini at the Mumbai Hematology Group meeting held on 12 Oct 2019. Topic – A case of Hyperhemolysis in beta Thalassemia Intermedia.
10. Delivered a lecture at the 3rd Annual Meeting of the Indian Myeloma Group (IMAGe) at Hyderabad, as a faculty, on the topic “Management of Refractory Acute Lymphoblastic Leukemia” on 12 Jan 2020.
11. Poster presentations at the Bangalore Medical Congress (BMC 2021) held on 30-31 Oct 2021 at Command Hospital Air Force, Bangalore: ‘Recent Advances in Medicine’.
    1. A CASE OF CONGENITAL PURE RED CELL APLASIA: Dr M Naveen Kumar, Resident Pediatrics, Col Rajiv Kumar, Sr Adv (Medicine) & Clinical Hematologist, Gp Cpt Vivek Kumar, Sr Adv (Pediatrics) & Pediatric Cardiologist, Wg Cdr Preeti Tripathi, Classified Specialist (Pathology) & Hematopathologist, Command Hospital Air Force, Bangalore
    2. CONGENITAL VITAMIN B12 MALABSORPTION SYNDROME: A RARE ENTITY:

Maj Siva Chaitanya S, Resident Pediatrics, Dr Naveen Kumar M, Resident Pediatrics, Dr Rajendra B P, Resident Pediatrics, Wg Cdr A K Garg, Cl Spl (Pediatrics) & Neonatologist, Gp Capt Vivek Kumar Sr Adv & Pediatric Cardiologist, Wg Cdr Barnali Mitra Cl Spl (Pediatrics), Wg Cdr Preeti Tripathi, Cl Spl (Pathology) & Hematopathologist, Col Rajiv Kumar, Sr Adv (Medicine) & Clinical Hematologist, Command Hospital Airforce, Bangalore

1. Delivered a lecture on Hemostasis Connect meeting organized by Novo Nordisk on 27 Mar 2002 at Hotel Crown Plaza, Pune on the topic “EHL Factor VIII – Turoctocog alpha pegol”.
2. Delivered a lecture on a online webinar conducted by the Hematology Foundation of Bihar on the topic: “Basics of Stem Cell Transplantation and indications” on 09 Apr 2022.
3. National Hematology Update XII held at AIIMS, New Delhi frpm 3rd-5th Mar 23. Presented a talk on “Tailoring treatment in Hemophilia in different scenarios” in the pre-conference workshop held on 3rd Mar 23.
4. HOPE Asia conference organized by Dept of Hematology, AIIMS, New Delhi. Participated as a panelist in a panel discussion on the topic ‘Primary Myelofibrosis: beyond JAK2 Inhibition’.

***Chapters in Books***

1. 2007: Co-editor of the book “Saturday Clinics of AFMC” written by AS Narula, VS Sashindran, Rajiv Kumar, Department of Internal Medicine, AFMC, Pune. Also written 12 chapters in the book.

2. Chapter in book. Management of Multiple Myeloma in 2017. Hematology Pearls. AIIMS Jodhpur 2017 (Editors Dr Abhishek HL Purohit, Dr Gopal Krishna Bohra).

3. Chapter in book. Challenges in management of CML in Pregnancy. Hematology Pearls. AIIMS Jodhpur 2022 (Editors Dr Abhishek Purohit).

4. Associate editor for the conference book published by the Bombay Medical Congress during its annual conference held at Command Hospital Air Force Bangalore on 15-16th Oct 22 on the theme: ‘Genetics in Medicine & Targeted Therapies’.

***Research Projects***

1. Armed Forces Research Committee (AFMRC) project *(*No. 5050/2018): Role of

ADAMTS13, Von Willebrand Factor and Thrombopoietin in the mechanisms of

thrombocytopenia in Dengue fever: A pilot project.

***Conference attendance as Faculty (Post DM)***

1. 41st Annual Mumbai Hematology Group Meeting. Chairperson of the Session on Pediatric ALL: advances. Speaker: Dr Imtiaz. March 2018
2. 3rd Indian B-Cell Malignancies Conclave, 02 Sept 2018. Chairperson for the talk by Dr Philip Moreau, Neanes University, France. Topic: Optimal Sequencing of Therapies at relapse of Myeloma.
3. An Update in Thalassemia & Sickle Disease by MHG. Chairperson of the session SCD: An update on new therapies. Speaker: Dr Baba Inusa.18 Nov 2018 (Venue: Bombay Hospital, Marine Lines, Mumbai)
4. Annual Meeting of MHG 2019 (15-17 March 2019). Conducted quiz for DM students.
5. Lymphoma Master Class organized by MHG May 2019: Presented an interesting case of Mantle Cell Lymphoma with Hyperleucocytosis.
6. 1st Hematology Cancer Consortium (16-18 Aug 19): Chairperson for the session on CML. (Venue: Lullu Boghaty Convention Centre, Grand Hyatt, Kochi)
7. 35th Annual Conference of the Marine Society held at INHS Asvini on 19-20th Oct 2019: participated as a judge for the e-poster sessions.
8. RGCON held by RGCIRC, New Delhi on 7-9th Feb 2020 at Marriott, Aerocity. Participated as faculty in panel discussion on “Management of Myelofibrosis”.
9. Chief Coordinationg Officer/Organiser for the annual conference of Bangalore Medical Congress held at Command Hospital Air Force, Bangalore wef 15th-16th Oct 22. Theme: ‘Genetics in Medicine & Targeted Therapies’.
10. 63rd Hematocon, Annual National Conference of ISHTM held at Kolkata from 3rd – 6th Nov 2022. Chairperson for the oral abstract session held on 5th Nov 22.

**University Examiner appointments**

1. Appointed to MD (Medicine) Thesis evaluation by FAMS, DU for examination and approval of thesis of AHRR, New Delhi in Apr 2022.

2. Appointed as Chief Convener and Internal Examiner for MD (Medicine) exams held by RGUHS at Command Hospital Air Force, Bangalore on May 2022.

3. Appointed as External examiner for MD (Medicine) exams held by MUHS at INHS Asvini, Mumbai on Jun 2022.

4. Appointed as Thesis reviewer for DM (Clinical Hematology) by AIIMS, New Delhi in Mar 2023 for thesis submitted by DM (Clinical Hematology) student.

5. Appointed as External Examiner for DM (Clinical Hematology) exams held at AIIMS, New Delhi held on 16-17 May 2023.