

**Curriculum Vitae**

**Ramya Narasimhan**

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<https://profiles.bu.edu/search/>

**Academic Training:**

- 9/2017 MBBS Kasturba Medical College, Manipal KA, India: Bachelor of Medicine and Bachelor of Surgery
- 3/2020 MS Centre for Clinical and Translational Sciences, Rochester MN; Master's in Clinical Research (non-degree)
- 5/2024 MPH Mailman School of Public Health, Columbia University, New York City NY; Master's in Public Health

**Additional Training:**

- 8/2018-9/2019 Post Doc Research Fellow, Department of Nephrology and Hypertension, Mayo Clinic, Rochester, MN
- 9/2019-6/2021 Post Doc Research Fellow, Department of Endocrinology, Diabetes, Metabolism, and Nutrition, Mayo Clinic, Rochester, MN
- 7/2021-6/2025 Resident, Department of Pathology and Laboratory Medicine, Boston University Medical Center, Boston, MA

**Academic Appointments:**

- 1/2022-Present Clinical Instructor, Department of Pathology and Laboratory Medicine, Boston University, Boston, MA

**Hospital Appointments or Other Employment:**

- 3/2015-8/2017 Duty Medical Officer, Departments of General Medicine, Psychiatry, Otorhinolaryngology, Ophthalmology, Pediatrics, Pulmonary Medicine, Obstetrics and Gynecology, Preventive and Social Medicine, Orthopedics, General Surgery, Emergency Medicine and Anesthesiology, Kasturba Hospital, Manipal KA, India

**Honors/ Awards:**

**Institutional**

- 8/2013 Silver in Poster presentation for Anti-Tobacco Day, Kasturba Medical College, India
- 6/2024 Leo Goodman Award for Excellence in Gross Photography
- 6/2024 Leo Goodman Award for Excellence in Photomicrography

**Licenses and Certifications:**

**Karnataka Medical Council, India:** 2017-Present

**Massachusetts State Medical License:** 2021-Present

**ECFMG:** 9/2017 - Present

**AHA-** Acute Stroke Certificate: 9/2017 - Present

**IAP-NNF-** Manipal Basic Newborn Care and Resuscitation Program (Part 1) Certificate: 8/2017 - Present

**Manipal University-** Manipal Trauma Life Support Certificate Course: 7/2017 - Present

**Departmental and University Committees:**

***Department of Pathology and Laboratory Medicine, Boston Medical Center***

9/2021-6/2025 Resident Co-Lead Coordinator, Pathology Student Interest Group  
5/2022-6/2025 Chair, Resident Wellness Committee  
8/2022-7/2024 Member, Resident Recruitment Committee  
8/2022-7/2023 Chair, Social Media Engagement Committee

***Boston University Medical Center, Boston, MA***

4/2023-Present Member, Contract Bargaining Team, Committee of Interns and Residents (CIR)

***Mayo Clinic, Rochester, MN***

6/2019-6/2021 Secretary, Women in Science, Engineering, and Research (WiSER)

***Kasturba Medical College, Manipal KA, India***

3/2013-2/2014 Member, Student Council  
3/2013-2/2014 Member, Editorial Board

**Teaching Experience:**

1/2023 “Basic lung pathology”. PISCES Pulmonary Module, Boston University Chobanian and Avedisian School of Medicine  
4/2023 “Tumors and Transplants”. Medical Immunology, Graduate Medical Sciences, Boston University Chobanian and Avedisian School of Medicine  
1/2024 “Endocrine and Reproductive Systems”. Advanced Integration Basic Science Review, Boston University Chobanian and Avedisian School of Medicine  
1/2024 “Colorectal cancer”. PISCES Surgery Module, Boston University Chobanian and Avedisian School of Medicine  
1/2024 “Renal System”. Advanced Integration Basic Science Review, Boston University Chobanian and Avedisian School of Medicine  
4/2024 “Tumors and Transplants”. Medical Immunology, Graduate Medical Sciences, Boston University Chobanian and Avedisian School of Medicine

**Diversity, Equity, Inclusion, and Accessibility (DEIA) Activities:**

7/2022-6/2025 Diversity, Equity and Inclusion Fellow, Graduate Medical Education, Boston University Medical Center

**Community Engagement:**

7/2023 Invited lecture on “Bugs 101” with O’Brian high school student interns, Boston Medical Center

**Patient Safety, Quality Improvement, Quality Assurance, and Quality Control Activities:**

11/2021 Formalin Exposure  
05/2023 Automated Therapeutic Apheresis Policy  
06/2023 Histology (embedding and processing)  
03/2024 Automated immunofluorescence staining validation

**Major Administrative Responsibilities:**

**TEDx, Manipal, India**

9/2012-8/2013 Assistant Director

**Regenerative Medicine Minnesota, Rochester, MN**

6/2019-6/2020 Measurements of Success Leader

**Citizens' Public Health Literacy (CIPHER), New York City, NY**

9/2020-Present Literature Reviewer and Curriculum Developer

**CoVID-19 Student Services Corp (CSSC), Columbia University, New York City, NY**

9/2020-2021 Creative Writer and Research Personnel

**Other Professional Activities**

**Professional Societies: Memberships, Offices, and Committee Assignments:**

**Indian Red Cross Society, Udupi Chapter**

2009-Present Lifetime Member

**American Medical Association (AMA)**

2017-Present Member

**American Society for Clinical Pathology (ASCP)**

2021-Present ASCP Pathology Ambassador

**College of American Pathologists (CAP)**

2022-Present CAP Inspector

2022-Present Program Delegate, Residents Forum

2023-Present Junior Member, Histocompatibility-Identity Testing Committee, Council of Scientific Affairs

**United States and Canadian Academy of Pathology (USCAP), New England Society of Pathologists (NESP), and Massachusetts Society of Pathologists (MSP)**

2022-Present Member

**Other Support:**

2/2011-1/2021 5R01DK090358-10 PI: Andrew D Rule, MD  
The Aging Kidney Anatomy Study

**Cost, Total:** \$739,434

**Role:** Trainee

7/2022-6/2023 Mallory Grant Recipient 2022 PI: Joel M Henderson, MD PhD  
Minimal Change Disease

**Cost, Total:** \$5,000

**Role:** Trainee

**Ongoing research activities:**

## CV—Ramya Narasimhan, MBBS

- 2023-Present Formation of Anti-D after RhIg (RADAR): a retrospective study examining potential reasons for Rh alloimmunisation in a post-RhIG era. Boston Medical Center, Boston, MA.  
**Role:** Site Principal Investigator (PI)
- 2024-Present Immunofluorescence staining patterns of glomerular basement membranes: a retrospective study comparing clinical and pathologic features in diabetic and non-diabetic patients. Boston Medical Center, Boston, MA.  
**Role:** Principal Investigator (PI)

### Conference Oral Presentations

#### **Regional/Local:**

- October 20, 2021 “Coagulation disorders and Plasma Cell Myeloma” Monthly Hematology/ Hematopathology Talk, Boston, Massachusetts: Department of Pathology and Laboratory Medicine, Boston Medical Center
- February 11, 2022 “Diffuse Alveolar Damage” Autopsy Conference, Boston, Massachusetts: Department of Pathology and Laboratory Medicine, Boston Medical Center
- February 23, 2022 “A Tale of Two Maladies: Is The Plasma Cell Mystery Decoded?” Grand Rounds, Boston, Massachusetts: Department of Pathology and Laboratory Medicine, Boston Medical Center
- September 28, 2022 “Organizing Pneumonia Post-Bone Marrow Transplantation” Pulmonary Combined Clinical and Research Conference, Boston, Massachusetts: Pulmonary, Allergy, Sleep & Critical Care Medicine, Boston Medical Center
- January 25, 2023 “Keeping it CRISPR- Taking the Sick out of Sickle Cell Disease” Grand Rounds, Boston, Massachusetts: Department of Pathology and Laboratory Medicine, Boston Medical Center
- May 31, 2023 “WHO is who in leu? 5th edition updates” Grand Rounds, Boston, Massachusetts: Department of Pathology and Laboratory Medicine, Boston Medical Center
- April 17, 2024 “HLA and transplant pathology: an AP/ CP collision” Grand Rounds, Boston, Massachusetts: Department of Pathology and Laboratory Medicine, Boston Medical Center

#### **National:**

- November 7, 2019 “Progressive CKD and Mortality as Predicted by Renal Histology after Radical Nephrectomy”, Kidney Week: Annual Meeting, American Society of Nephrology
- March 30, 2020 “Enteral Nutrition in Obese Patients: The Correct Approach to Face the Epidemic”, Annual ASPEN Nutrition Science & Practice Conference, American Society for Parenteral and Enteral Nutrition

### Workshops

#### **International:**

- September 2022 EAHP- 21<sup>st</sup> European Association for Hematopathology- Bone Marrow Workshop – “A Case Report: Poems Syndrome”, Florence, Italy

### Bibliography:

ORCID: <https://orcid.org/0000-0002-3310-1364>

### Original, Peer Reviewed Articles:

1. Denic, A., Ricaurte, L., Lopez, C.L., **Narasimhan, R.**, Lerman, L.O., Lieske, J.C., Thompson, R.H., Kremers, W.K., & Rule, A.D. *Glomerular volume and glomerulosclerosis at different depths in the human kidney*; J Am Soc Nephrol. 2019 Aug;30(8):1471-1480. doi: 10.1681/ASN.2019020183.
2. Mohamed Elfadil, O., Bonnes, S.L., Salonen, B.R., Velapati, S.R., Patel, J.M., **Narasimhan, R.**, Hurt, R.H., & Manpreet, M. *New Uses for a New Oil: Clinical Applications of Fish Oil Lipid Emulsion*; Curr Surg Rep 2020 Jul;8(16) <https://doi.org/10.1007/s40137-020-00259-1>
3. Denic, A., Elsherbiny, H., Mullan, A. F., Leibovich, B.C., Thompson, R.H., Ricaurte, L.A., **Narasimhan, R.**, Kremers, W.K., Alexander, M.P., Lieske, J.C., Lerman, L.O., & Rule A.D. *Larger nephron size and nephrosclerosis predict the long-term risk of progressive CKD and mortality after a radical nephrectomy independent of kidney function and CKD risk factors*; J Am Soc Nephrol. 2020 Nov;31(11):2642-2652. doi: 10.1681/ASN.2020040449. Epub 2020 Sep 16.
4. **Narasimhan, R.**, Patel, J.M., Velapati, S.R., Mohamed Elfadil, O., Hurt, R.H., & Manpreet, M. *The use of calorically dense enteral formulae in adult Home Enteral Nutrition population*; Int J Acad Med. 2020 Dec;6(4):294-300.
5. Merzkani, M., Denic, A., **Narasimhan, R.**, Lopez, C., Larson, J., Kremers, W.K., Chakker, H.A., Park, W., Taler, S.J., Stegall, M.D., Alexander, M.P., Issa, N., & Rule A.D. *Kidney microstructural features at time of donation predict long-term risk of chronic kidney disease in living kidney donors*; Mayo Clin Proc. 2021 Jan;96(1):40-51. doi: 10.1016/j.mayocp.2020.08.041. Epub 2020 Oct 20.
6. Elfadil, O.M, Steien, D.B., **Narasimhan, R.**, Velapati, S.R., Patel, I., Patel, J., Hurt, R.T., & Mundi, M. *Transition to Peptide-Based Diet Improved Enteral Nutrition Tolerance and Decreased in Pediatric Home Enteral Nutrition*. J Parenter Enteral Nutr doi: 10.1002/jpen.2202. Epub 2021 Jun 18.
7. Ricaurte, L., Denic, A., Mullan, A., **Narasimhan, R.**, Bogojevic, M., Thompson, R., Leibovich, B., Sangaralingham, S., Maxwell, S., Alexander, M.P., & Rule A.D. *A higher foci density of interstitial fibrosis and tubular atrophy predicts progressive CKD after a radical nephrectomy for tumor*; J Am Soc Nephrol 2021 Oct;32(10):2623-2633. doi: 10.1681/ASN.2021020267. Epub 2021 Jun 18.
8. Alexander, M., Taner, T., Singh, S., Mangalaparthy, K., Madugundu, A., Moyer, A., Graham, R., Herrmann, S., Cornell, L., Sethi, S., Adam, B., Mengel, M., Rule, A., Denic, A., Pavelko, K., Charlesworth, C., Charleworth, J., **Narasimhan, R.**, Larsen, C., Rizza, S., Cheek, E., Morgan, A., Nasr, G., J., Bois, M., Lin, P., Maleszewski, J., Roden, A., Badley, A., & Pandey, A. *Evidence for inflammation, immune response and endothelial injury as mechanisms of acute kidney injury in COVID-19*; Mayo Clin Proc. 2021 Oct;96(10):2561-2575. doi: 10.1016/j.mayocp.2021.07.001. Epub 2021 Jul 14.
9. Mejia, M.C., Cardenas, M.C., **Narasimhan, R.**, Littlefield, D., Enninga, E.A.L., & Chakraborty, R. *A Systematic Review to Evaluate a Possible Association between Congenital Toxoplasmosis and Preterm Labor*; Pediatr Infect Dis J. 2022;41:e520–e524
10. Sullivan, H.C., Gandhi, M.J., Gaitonde, S.S., **Narasimhan, R.**, Gendzekhadze, K., Pandey, S., Roby, R.K., Maha, G.C., Kaur, H., Schiller, J.J., McDowell, J., Smith, M., Liu, C. & Morris, G.P. *Seventy-five years of service: an overview of the College of American pathologists' proficiency testing program in histocompatibility and identity testing*. Front. Genet. 14:1331169. doi: 10.3389/fgene.2023.1331169.

**Textbook Chapters:**

**Author:**

1. Manpreet, M. et al. (2022). Enteral Nutrition. In B.M. Limketkai & S.A. McClave (Eds). *Evidence-based Gastrointestinal Nutrition: A Clinician's Handbook*. Thorofare, New Jersey: SLACK Incorporated.

**Reviewer:**

1. Nair, L. et al. (2024). *Ace the Boards: Neuropathology*. Ace my Path. 1<sup>st</sup> ed; 51-100.
2. Seth, N. et al. (2024). *Ace the Boards: Hematopathology Review*. Ace my Path. 1<sup>st</sup> ed; 304-400.

**Case Reports:**

1. Menon, A., Joseph, J., **Narasimhan, R.**, Kumar, S., & Rodrigues, G. *Basal Cell Carcinoma Uncovered: A Report of 2 Cases of Unusual Location*; Surg Chron 2020; 25(2):166-168.
2. Lalla, R., **Narasimhan, R.**, AbdalKader, M., Virmani, D., Suchdev, K., Moore, B., & Cervantes, A. *Teaching NeuroImage: Imaging and Pathologic Findings in SARS-CoV-2-Related Acute Demyelinating Encephalomyelitis*. Neurology, 10.1212/WNL.0000000000207095. Advance online publication. <https://doi.org/10.1212/WNL.0000000000207095>.
3. **Narasimhan, R.**, Wang, J., Munarriz, R., Zhao, Q., & Sarita-Reyes, C. *At a Glans: Metastatic Prostate Cancer Disguised as Penile Squamous Cell Carcinoma*. Human Path Reports (**submitted**).
4. Bharati, J., **Narasimhan, R.**, Zhao, Q., Sadrzadeh, H., Sloan, J.M., Ghai, S. & Francis, J. *Coexistent localized primary renal lymphoma within renal cell carcinoma in the native kidney of a kidney transplant recipient- a case report*. Clinical Nephrology (**submitted**).

**Conference Poster Presentations:**

1. **Narasimhan, R.**, Caramori, L.M.A., Waikar, S.S., Mariani, L.H., Roberts, G.V., Henderson, J.M., & Rosas, S.E. *Clinicopathologic Features among CKD Kidney Precision Medicine (KPMP) Participants (ppts)*. ASN 2024 (**submitted**).
2. DelBaugh, R.M, Dunbar, N.M. & **Biomedical Excellence for Safer Transfusion (BEST) Collaborative**. *Why Do People Still Make Anti-D Over 50 Years after the Introduction of Rho(D) Immune Globulin? A BEST Collaborative Study Presented on Behalf of the RADAR Study Investigators*. AABB 2024 (**submitted**).
3. **Narasimhan, R.**, Henderson, J.M., Hodgins, J.B., Torrealba, J., Stillman, I.E., Setty, S., Rosenberg, A.Z., Randhawa, P.S., Moeckel, G.W., Herlitz, L., Demeke, S.S., Barisoni, L., Fogo, A.B., & Alpers, C.E. *Presence of Eosinophilic Interstitial Inflammation in "Not for Cause" Research Kidney Biopsies - A Study from the Kidney Precision Medicine Project (KPMP)*. USCAP March 2024.
4. Lee, S.H., Young, K., Sofoluwe, A., Jacoba, I., **Narasimhan, R.**, Burks, E., Zhao, Q., & Zuo, T. *Clinical and Histopathological Characteristics of HER2 Low-Expressing Breast Cancer*. Poster Abstracts. Lab Inv. 2023; 103(suppl3): S94-S261. <https://doi.org/10.1016/j.labinv.2023.100081>.
5. Mundi, M., Bonnes, S., Salonen, B., McMahon, M., Martindale, R., Elfadil, O.M, Patel, J., Patel, I., **Narasimhan, R.**, & Hurt, R.T. *Clinical Application of Fish Oil Intravenous Lipid Emulsion in Adult Home Parenteral Nutrition Patients*. Poster Abstracts. J Parenter Enteral Nutr. 2021; 45: S44-S240. <https://doi.org/10.1002/jpen.2095>.
6. Patel, I., Patel, J., Elfadil, O.M, **Narasimhan, R.**, Mustafa, T.K., Goetz, B.L., Lundberg, J., Miller, L., Hurt, R.T., & Mundi, M. *Prevalence of Hyponatremia in Patients Receiving Home Enteral Nutrition*. Poster Abstracts. J Parenter Enteral Nutr. 2021; 45: S44-S240. <https://doi.org/10.1002/jpen.2095>.

7. Patel, J., Elfadil, O.M, Patel, I., Mustafa, T.K., **Narasimhan, R.**, Hurt, R.T., & Mundi, M. *Utilization of Home Enteral Nutrition in Elderly Population: A Tertiary Center Experience*. Poster Abstracts. J Parenter Enteral Nutr. 2021; 45: S44-S240. <https://doi.org/10.1002/jpen.2095>.
8. Elfadil, O.M, Patel, I., Patel, J., Mustafa, T.K., **Narasimhan, R.**, Hurt, R.T., & Mundi, M. *Characteristics and Clinical Outcomes in Patients with Severe Gastro-Intestinal Dysmotility Receiving Home Enteral Nutrition*. Poster Abstracts. J Parenter Enteral Nutr. 2021; 45: S44-S240. <https://doi.org/10.1002/jpen.2095>.
9. Elfadil, O.M, Steien, D.B., **Narasimhan, R.**, Epp, L., Velapati, S.R., Patel, I., Patel, J., Hurt, R.T., & Mundi, M. *Transition to Peptide Based Formula is Associated with Greater Tolerability and Reduction in Healthcare Utilization in Children Receiving Enteral Nutrition*. Poster Abstracts. J Parenter Enteral Nutr. 2021; 45: S44-S240. <https://doi.org/10.1002/jpen.2095>.
10. Merzkani. M., Denic. A., D'Costa. M., Ricaurte. L., **Narasimhan. R.**, Benavides. X., Mullan. A., Larson. J., Park. W., Alexander. M.P., Chakker. H., Textor. S., Taler. S., Stegall. M., Issa. N., Rule. A. *Change in Hypertension (HTN) Guidelines in Living Kidney Donors (LKDs) and Long-Term Renal Outcomes* [Abstract]. Am J Transplant. 2020; 20 (suppl 3). <https://atcmeetingabstracts.com/abstract/change-in-hypertension-htn-guidelines-in-living-kidney-donors-lkds-and-long-term-renal-outcomes/>
11. Merzkani. M., Denic. A., D'Costa. M., Ricaurte. L., **Narasimhan. R.**, Benavides. X., Mullan. A., Larson. J., Park. W., Alexander. M.P., Chakker. H., Textor. S., Taler. S., Stegall. M., Issa. N., & Rule. A. *Major Adverse Cardiovascular Events (MACE) in Living Kidney Donors (LKDs)* [Abstract]. Am J Transplant. 2020; 20 (suppl 3). <https://atcmeetingabstracts.com/abstract/major-adverse-cardiovascular-events-mace-in-living-kidney-donors-lkds/>
12. Merzkani. M., Denic. A., D'Costa. M., Ricaurte. L., **Narasimhan. R.**, Benavides. X., Mullan. A., Larson. J., Park. W., Alexander. M.P., Chakker. H., Textor. S., Taler. S., Stegall. M., Issa. N., & Rule. A. *Metabolic Syndrome Predicts Worse Long-Term Renal Outcomes in Living Kidney Donors (LKDs)* [Abstract]. Am J Transplant. 2020; 20 (suppl 3). <https://atcmeetingabstracts.com/abstract/metabolic-syndrome-predicts-worse-long-term-renal-outcomes-in-living-kidney-donors-lkds/>
13. **Narasimhan, R.**, Patel, J.M., Velapati, S.R., Kuchikuntla, A.R., & Manpreet, M. *Outcomes of calorically dense enteral formula in adult Home Enteral Nutrition population*; Mayo Clinic Young Investigators Research Symposium; Rochester, MN, March, 2020
14. Merzkani, M., Lopez, C., **Narasimhan, R.**, Larson, J., Kremers, W.K., Denic, A., Park, W., Alexander, M.P., Taler, S.J., Chakker, H.A., M.D., Issa, N., Stegall, & Rule A.D. *Low nephron numbers and larger glomerular size are the predictors of long term kidney function in kidney donors* [Abstract]. J Am Soc Nephrol 30, 2019:429.
15. Issa, N., Lopez, C.L., Denic, A., Larson, J., **Narasimhan, R.**, Ricaurte, L.A., Taler, S., Chakker, H., Augustine, J., Stegall, M., & Rule, A. *Living Kidney Donor Time-Zero Biopsy Findings Predict Graft Loss in The Recipient*; Am J Transplant. 2019;19 (suppl3). <https://atcmeetingabstracts.com/abstract/living-kidney-donor-time-zero-biopsy-findings-predict-graft-loss-in-the-recipient/>