

# Poombal, MBBS, PGY-1 AP/CP

Springfield, MA, USA

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## **Work Experience:**

UMass Chan Medical School-Baystate Health Springfield, MA, USA  
**Pathology Resident** ----- June 2024

## **Pathology rotations:**

Loyola University Maywood, IL, USA  
**Clinical Observer** ----- October 2023  
Pathology rotation

University of Chicago Chicago, IL, USA  
**Clinical Observer** ----- September 2023  
Thoracic and Renal Pathology rotation

County of Santa Clara Medical Examiner San Jose, CA, USA  
**Clinical Observer** ----- August 2023  
Forensic Pathology rotation

Stanford Healthcare and Stanford University Palo Alto, CA, USA  
**Clinical Observer** ----- August 2023  
Haemato-Pathology rotation

HCA Houston Healthcare. Tomball, TX, USA  
**Clinical Externship** ----- July 2023  
GI Pathology rotation

Chughtai Institute of Pathology Lahore, Pakistan  
**Clinical Observer** ----- June 2023  
Pathology rotation

Tele-Shadowing Virtual  
**Clinical Observer** ----- April 2023  
Pathology elective in heme-path, GI path, dermato-path, and digital pathology

Bakhtawar Ameen Medical and Dental College Multan, Pakistan  
**Public Health Lecturer** ----- February 2023 - June 2024

Nishtar Medical University & Hospital Multan, Pakistan  
**House-Job** ----- June 2021- 2022  
Pathology, General Medicine, General Surgery, and Ophthalmology

## **Education:**

- **Nishtar Medical University**, Multan, Pakistan  
MBBS, May 2021
- **Beaconhouse Public School, Multan, Pakistan**  
May 2010 – 2015
  1. A level: 2A\* 1A
  2. O level: 6A\* 2A

## **USMLE Scores & ECFMG certification:**

- **Step 1: Pass on the first attempt.**
- **Step 2 CK: 249**
- **OET: Gold Standard**
- **Step 3: 208**
- **ECFMG certification: June 2023**

## Research:

### Conferences:

1. American Society of Clinical Pathology 2023 Presentation:  
Abstract selected for ASCP 2023 presentation on "Invasive Solid Papillary Carcinoma in Elderly Male: A Rare Entity in an Uncommon Gender - Case Report and Review of Literature."
2. Pathology Vision 2023 Conference:  
The proposal titled "Digital Image Analysis for Diagnosing Acute Leukemia: A Systematic Review and Meta-analysis" was accepted at the Pathology Vision 2023 conference by the Digital Pathology Association.
3. Sarcina Ventriculi Associated Gastritis: A Case Report of Two Cases Event: 44th Annual Conference of Pakistan Association of Pathologists (PAP) & 9th Joint Conference of Societies of Pathology Date: November 2023
4. American Society of Clinical Oncology 2024: Dasatinib versus high-dose imatinib for chronic-phase chronic myeloid leukemia: A meta-analysis of randomized control trials  
[https://ascopubs.org/doi/10.1200/JCO.2024.42.16\\_suppl.e18523](https://ascopubs.org/doi/10.1200/JCO.2024.42.16_suppl.e18523)
5. American Society of Clinical Pathology 2024 Poster Presentation:  
-Identifying and Addressing Errors in Anatomical Pathology: A Survey Analysis  
-Rare Presentation of Anaplastic Carcinoma as a Mural Nodule in Mucinous Cystadenoma with Concurrent Benign Brenner Tumor  
- Features of Vacuoles, E1 enzyme, X-linked, autoinflammatory, and somatic mutation syndrome associated with the c.121A>C, p.(Met41Leu) UBA1 genetic variant: A systematic review
6. American Society of Cytopathology 2024 Poster presentation:  
-I <3 #cytopath: Using social media to create a collaborative index of online cytopathology resources and a discussion of post-pandemic cytopathology e-learning

### Published Work:

7. Published in the Pakistan Journal of Ophthalmology: "Survey Scale for Assessing Reduction in Intensity of Vernal Keratoconjunctivitis Symptoms after Drug Administration in Tertiary Care Hospital" <https://pjo.org.pk/index.php/pjo/article/view/1410>
8. Renal Leiomyosarcoma: Unraveling the Mysteries of a Rare Malignancy  
<https://www.cureus.com/articles/180090-renal-leiomyosarcoma-unraveling-the-mysteries-of-a-rare-malignancy#!/>
9. Invasive Solid Papillary Carcinoma of the Breast in an elderly male: A Rare Entity in an uncommon gender - case report and Review of Literature <https://doi.org/10.1093/ajcp/aqad150.018>
10. Sarcina Ventriculi Associated Gastritis: A Case Report of Two Cases. Pathologica - Journal of the Italian Society of Anatomic Pathology and Diagnostic Cytopathology, Italian Division of the International Academy of Pathology.
11. Lipoprotein Glomerulopathy with Complete Resolution With Fenofibrate: Report of First Case From Pakistan. International Journal of Surgical Pathology. 2024; <https://journals.sagepub.com/doi/10.1177/10668969241228298>
12. Unraveling the Conundrum: A Case Report of Hodgkin Lymphoma Masquerading as Pure Red Cell Aplasia Secondary to Parvovirus Infection in a Pediatric Patient <https://zenodo.org/records/10948919>
13. Factor XIII deficiency leading to a life-threatening intracranial hemorrhage in young female: A case report. [https://journals.lww.com/annals-of-medicine-and-surgery/abstract/9900/factor\\_xiii\\_deficiency\\_leading\\_to\\_a.1929.aspx](https://journals.lww.com/annals-of-medicine-and-surgery/abstract/9900/factor_xiii_deficiency_leading_to_a.1929.aspx)
14. Fumarate Hydratase-Deficient Abdominal Wall Leiomyoma Presenting a Decade Post-Fumarate Hydratase-Deficient Uterine Leiomyoma Excision: An Incidental or Syndromic Association?  
<https://journals.sagepub.com/doi/10.1177/10668969241256118>
15. Mesenteric Artery Syndrome Coexisting With Depressive Illness, Severe Weight Loss, and an Incidental Adnexal Cyst <https://www.cureus.com/articles/239025-confluence-of-challenges-a-case-report-of-superior-mesenteric-artery-syndrome-coexisting-with-depressive-illness-severe-weight-loss-and-an-incident-adnexal-cyst#!/>

### Unpublished Research Contributions:

16. Nilotinib vs Imatinib in Philadelphia Chromosome-Positive Chronic Myeloid Leukemia (Ph+ CML): A Meta-Analysis of Randomized Control Trials. Submitted a meta-analysis for peer review in the International Journal of Hematology

## **Volunteering**

1. Currently volunteer with Lions Clubs International, a charitable organization that sets up free medical and screening camps and runs schools using donations.
2. Supported young people through scholarship programs as part of youth programs organized by Lions Clubs International.
3. Contributed to disaster relief efforts during floods in Pakistan by providing medical care and food to affected people. Participated in health awareness programs for screening the public for infectious diseases like hepatitis B, and C, and chronic conditions like diabetes and uric acid. Encouraged early disease prevention and healthy lifestyle choices.
4. Pledged as an organ donor at the Sindh Institute of Urology and Transplantation, a member of the Transplantation Society of Pakistan since August 2019.
5. Participated in the Annual Plantation Drive at Nishtar Medical University from 2018 to 2023, helping to raise awareness and promote environmental sustainability.
6. Raised funds for the Student Welfare Association at Nishtar Medical University from 2015 to 2020, contributing to improving the quality of life of fellow students.