Saloni Patil, MPH, BDS
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EDUCATION

Boston University School of Public Health — Boston, MA
Master of Public Health, Epidemiology & Biostatistics — Sept 2024 - May 2026

S.M.B.T. Dental College and Hospital, MUHS — Maharashtra, India
Bachelor of Dental Surgery (BDS) — Aug 2018 - Dec 2022

SKILLS

Clinical Research: Clinical Trial Processes | ICH-GCP (training in progress) | Informed Consent | Participant Recruitment, Screening & Retention | Study Visits & Protocol Procedures | Case Report Forms & Source Documentation | Data Entry & Query Resolution | IRB & FDA Regulatory Compliance (CITI trained) | HIPAA | Vaccine Research

Clinical & Laboratory: Phlebotomy| Specimen Collection, Labeling & Handling | Lab Kit Inventory | Temperature Monitoring | Vital Signs | Blood Glucose Testing | EKG Recording & Interpretation | Medical History Collection | ELISA, Microscopy & Hematologic Testing

Systems: REDCap (EDC) | KoboToolbox | EMR (Epic Cosmos) | Excel | SAS | R | Microsoft Office

CLINICAL RESEARCH EXPERIENCE

Boston Medical Center — Boston, MA
Research Volunteer (Part-time) — Sept 2026 - Present

- Built a dictionary of 17+ lab codes mapped to ICD-9/10-CM codes, standardizing TB case identification in Epic Cosmos.

Boston University School of Public Health — Boston, MA
Associate Researcher (MPH Practicum) — Nov 2025 - Apr 2026

- Integrated 4 data sources for 4,430 TB patients and 19,668 contacts under IRB and DUA protocols, producing 4 publication-ready tables and a first-author abstract selected for oral presentation at The Union Conference 2026.

Boston University School of Public Health — Boston, MA
Graduate Researcher — Sept 2024 - May 2026

- Developed a Phase I-IIb West Nile virus vaccine development plan presented across 5 stages, co-led a 102-participant study writing SOPs and administering Kobo Toolbox questionnaires, and screened 1,299 records for a first-author mRNA TB vaccine scoping review.

Health Assure Pvt. Ltd. — Mumbai, India
Medical Officer (Full-time) — Feb 2024 - May 2024

- Conducted 500+ structured telephone and video medical interviews with verbal consent, documenting findings in EMR and Excel with a very low discrepancy rate; earned a 98% good call rating in a three-month audit.

Nair Hospital Dental College — Mumbai, India
Program Coordinator and Dental Intern (Full-time) — Dec 2022 - Dec 2023

- Coordinated a hospital-based tobacco-cessation study, screening patients, obtaining informed consent, completing case report forms by protocol, and partnering with physicians and clinical staff on follow-up, enrolling about 80 to 85% of eligible patients and retaining them through the full follow-up period.
- Managed 700+ patient encounters across 8 departments, recording medical histories and vital signs in standardized records and tracking supply inventory and storage temperatures with no gaps in documentation.

CLINICAL AND LABORATORY TRAINING

S.M.B.T. Dental College and Hospital — Maharashtra, India
Dental Student (BDS Clinical and Laboratory Training) — Aug 2018 - Nov 2022

- Performed phlebotomy and EKG recording and interpretation, collected, labeled, and handled blood samples per standardized protocols, trained in 6 laboratory techniques (microscopy, ELISA, Western blotting, staining, blood-smear preparation, hematologic testing), and maintained lab kit inventory and sample storage temperatures.

CERTIFICATIONS

CITI Biomedical Researchers (exp. Jan 2028) | BUMC HIPAA and Research Data Security | Race in Clinical Research: Ethics and IRB Decision Making | ICH-GCP (in progress)