

# Amurdhavani Balakrishnan Sivaprabakash

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[LinkedIn](#) | [Research Publications Portfolio](#)

## PROFESSIONAL SUMMARY

Clinical Research Practitioner with expertise in healthcare research, data analysis, and clinical trials. Proven track record in managing clinical studies, leveraging statistical tools like R and SQL to derive actionable insights, and creating visual dashboards using Power BI. Skilled in-patient interaction, regulatory compliance, and data visualization. Committed to maintaining data integrity and driving improvements in healthcare outcomes.

## PROFESSIONAL EXPERIENCE

### RESEARCH ASSISTANT | Royal Berkshire NHS Foundation Trust | Reading, UK May 2024- Present

- Lead coordinator for 9 research studies, focusing on patient recruitment, data collection, and regulatory compliance in renal, rheumatology, elderly care, sexual health, and ethnic minority studies.
- Managed data collection using REDCap and iMedidata, ensuring compliance with ICH-GCP and GDPR guidelines.
- Administered cognitive assessments and collected biological samples, ensuring patient safety and data integrity.
- Supported Site Initiation Visits (SIVs), prepared study documentation, and collaborated with multidisciplinary teams.

### GRADUATE RESEARCH ASSISTANT | University of Glasgow | Glasgow, UK April 2023- Present

- Collaborated with NHS Greater Glasgow and Clyde to analyze 400,000 emergency visits, uncovering socioeconomic inequalities in unscheduled care admissions using Excel and R.
- Performed advanced statistical analyses, including logistic regression, Kaplan-Meier survival analysis, and Cox regression models, to predict healthcare disparities.
- Created predictive models and Power BI dashboards, translating complex findings into actionable insights for stakeholders.
- Ensured GDPR compliance within NHS Safe Haven, maintaining secure patient data management and ethical research standards.

### PHARMACY DISPENSER | Park Road Pharmacy | Glasgow, UK Nov 2022- April 2024

- Dispensed 250+ prescriptions daily with accuracy and adherence to NHS protocols.
- Managed inventory and ensured compliance with clinical trial medication handling.
- Trained new staff in data management and compliance protocols.

### DENTAL INTERN | Saveetha Dental College | Chennai, India Oct 2018- Aug 2020

- Conducted over 1500 dental procedures in 501 patients, including complex treatments, ensuring high standards of patient care.
- Published 10 clinical research projects, applying qualitative and quantitative analysis.
- Organized dental health camps, providing free check-ups and patient education.

## EDUCATION

Master of Public Health (Data Science Specialisation) | University of Glasgow | UK (Distinction) 2022-2023

Bachelor of Dental Surgery (BDS) | Saveetha Dental College | India 2014-2020

## SKILLS

- Skills:** R, SQL, Power BI, Microsoft Office, Data Analysis, Predictive Modelling, Data Visualization, Clinical Research, ICH-GCP, GDPR Compliance, Patient Interaction, Data Governance, Electronic patient record (EPR) management
- Stakeholder Engagement:** Pharmaceutical companies (IQVIA, ICON, GSK, Alfasigma), UK Health Security Agency, NHS Scotland

## CERTIFICATIONS & LEARNING

- Power BI: Dashboard| LinkedIn Learning | 2023
- SQL for Data Analysis| LinkedIn Learning | 2023