



**Cardiovascular  
Research Nurse**

**Job Description**

**Date: 7<sup>th</sup> February 2020**

## The Company

RHYTHM AI is a young and dynamic UK based company built around technology developed at Barts Heart Centre in London by Professor Richard Schilling and his team. In September 2019 the company closed a seed-financing round of £2.2m with the primary use of proceeds being to conduct a UK multi-centre trial in 10-15 centres with recruitment starting in the second half of 2020

## The Technology

STAR Mapping™ is a new, AI driven mapping system developed using novel computer algorithms to identify the sources or drivers of AF from data acquired using 3D Mapping equipment. Outcomes in a single centre study published in May 2019 demonstrated that 80% of patients treated in a single procedure using STAR Mapping were free of AF without the use of anti-arrhythmia drugs at an average of 18.5 months follow-up. This compares very favourably to previous work; a landmark study published in 2015 (PMID: 25946280) demonstrated 48% of patients remained free form AF at 18 months follow-up using the standard ablation treatment which is now accepted as the industry standard.

## The Role

The company is providing the opportunity for 2 experienced cardiovascular research nurses to join their dynamic team on a full-time temporary basis to support the UK multi-centre trial of STAR Mapping. Recruitment is set to start in the second half of 2020 and continue through a 12-month period in 10-15 cardiovascular centres across the UK.

The successful candidates will need to demonstrate the ability to work with a high level of autonomy attending trial cases across the UK at short notice as well as being able to develop close relationships with key personnel within the company and at UK study centres.

The appointees will benefit from working in a dynamic industry environment in a cutting edge start up company led by leaders in the field. The team is close knit and with potential to learn a great deal about device start-up companies and the process of bringing a new product through clinical trials within the European regulatory framework. It is hoped that this post will be a novel and career enhancing opportunity for the right candidate looking to broaden their career. To ensure that all contributors share in the success of the company the appointees will after 3 months successful employment be awarded with a substantial stock option grant.

## Job description

Job title:	Cardiovascular Research Nurse
Location:	UK based
Salary:	Equivalent to Agenda for Change band 7
Reporting to:	Vice President of Clinical and Regulatory Affairs
Hours per week:	Full Time 37.5 hours
Contract length:	15 Months. June 2020-September 2021

Expenses:	Paid in line with expense policy	
Travel Commitment:	UK travel and some overnight stays required	
Direct Reports:	None	

### **Main duties and responsibilities**

1. Disseminates protocol information and research results to health care professionals by one-to-one teaching, written information and / or in-service education classes.
2. Attend STAR Mapping and Control group cases in support of the UK multi-centre trial
3. Accountable for the documentation and collection of trial data
4. Ensures all pre-study tests have been undertaken and results obtained.
5. To support the patient randomisation process
6. Monitor eligibility of potential study patients
7. Collect and back-up procedure information and data
8. Act as liaison between study centres and the company
9. Ensures that follow up appointments have been scheduled and completed consistent with protocol guidelines
10. Functions in a collaborative manner to effectively manage the relationship with multi-disciplinary team in UK study centres to ensure optimum recruitment and execution of the UK multi-centre trial
11. Demonstrates autonomy as well as the ability to collaborate within the team in identifying and meeting the needs of the study centres during various stages of the UK multi-centre trial
12. Assists in the development and maintenance of databases as appropriate.
13. Enters data into databases and assists in analysis.
14. The post holder is expected to work flexibly across England and may be required to stay overnight away from home from time to time. There may be the occasional need to work out of hours or at weekends.
15. Prior experience as a cardiac research nurse in the UK is essential, with experience of randomised trials and electrophysiology/catheter ablation being desirable.

The job description is not intended to be exhaustive and it is likely that duties may be altered from time to time in the light of changing circumstances and after consultation with the postholder.

Interested and qualified candidates should register interest in the first instance by sending their CV with a covering letter to [recruitment@rhythm-ai.com](mailto:recruitment@rhythm-ai.com)