



# Risk of Aneurysm Rupture (ROAR) Study

Newsletter 2

Jan 2023

## Welcome to ROAR

Thank you to everyone who joined the first ROAR Investigator Meeting. It was a pleasure to see so many enthusiastic colleagues interested in the study. On November 25<sup>th</sup> we also presented an update at the BNRG and were met with a similarly enthusiastic response. Data collection continues to progress well thanks to everyone's hard work and support. With only 8 months left before our HES searches, our focus is to ensure everyone is up and running, and on track to complete baseline data collection by the deadline.

### Data collection deadline

We would like to remind everyone that all baseline data collection must be complete by 31<sup>st</sup> July 2023 as per our NIHR funding timeline. If you think this isn't achievable then let us know ASAP and we will provide you with further support.

### Prospective data collection

In addition to the main ROAR cohort we are collecting a separate prospectively identified cohort in selected units for patients newly diagnosed from Aug 2022 to Jul 2024. This prospective cohort will be used for validation of the new ROAR prognostic models. If you would like to discuss being involved in this please contact us using the details below.

### Site set up

We are pleased to say that Leeds and Barts are now open. Thank you to Mr Anderson and Mr Uff for their hard work to make this happen.

### Data so far

The first eight units to complete their collection and have identified 6,235 patients with 8,304 aneurysms. These are expected to have 67,394 years of follow up. This does not include the large amount of data from sites open and still collecting data.

### Protocol paper

The protocol paper has been submitted and under review with BMJ Open. Thank you to everyone for your input and we will keep you updated with its progress.

### Next Investigator Meeting

The next ROAR Study Investigator Meeting will be held on Zoom on 16<sup>th</sup> March 2023 12-2pm. Further details will be released nearer the time.

Chief Investigator: Mr Diederik Bulters [dbulters@nhs.net](mailto:dbulters@nhs.net)

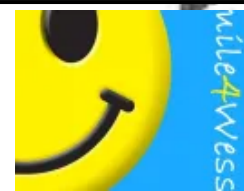
Study co-ordinator: Mr Samuel Hall [samuel.hall@doctors.org.uk](mailto:samuel.hall@doctors.org.uk)

Website: [www.roarstudy.co.uk](http://www.roarstudy.co.uk) ISRCTN: 17658526

<b>Data collection complete</b>	
Southampton	1,590
Manchester	1,472
Leeds	928
Plymouth	610
Cardiff	528
Bristol	521
Stoke	429
Cambridge	157
Total	<b>6,235</b>
<b>Set up and collecting data</b>	
King's	1,278
Queen Square	890
Bart's	600
Hull	500
Liverpool	~400
Brighton	250
Nottingham	~200
Middlesbrough	124
Sheffield	~100
Oxford	0
Total	<b>4,342</b>
<b>In set up</b>	
Birmingham	N/A
Dundee	N/A
Edinburgh	N/A
George's	N/A
Glasgow	N/A
Imperial	N/A
Newcastle	N/A
Preston	N/A
Romford	N/A

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## Timeline of events

### Data collection/verification

### National Databases

Pilot case verification – all ruptures will undergo verification of data accuracy by a senior team member (i.e. PI/SpR). This can begin using the known ruptures from local data

Oct 2022

Pilot HES search application ✓

Dec 2022

Pilot HES search approval – the pilot search will use the patients identified so far (approximately 10,000) and link them to the HES database. This will allow early data cleaning and fault finding for the final search ✓

Complete R&D set ups

Mar 2023

Apr 2023

Pilot HES data released

Pilot cases from first HES search released to units for verification of potential rupture event

May 2023

Jun 2023

Full HES search application

### Complete baseline data collection

Jul 2023

Aug 2023

Full HES search approval

Dec 2023

Full HES data released

Full list of cases for verification

Jan 2024

Complete case verification

Apr 2024

Initial study results

Aug 2024

\*\*Items in blue apply only to units set up and with eligible patient data available to be included in the pilot search.

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