

## **Statistics Consultancy Appointments**

The statistical consultancy service at the RNOH is a chance to get some input to study design and/or analysis to improve the quality and reliability of your research.

Half an hour or one hour long appointments can be booked with our statistician at the RNOH through [research@rnoh.nhs.uk](mailto:research@rnoh.nhs.uk) . Please ensure you book enough time and arrive punctually.

We encourage everyone to consult a statistician at the research planning stage. You will be advised on a design which enables you to answer a scientific question reliably. Number of patients required, organization of data for statistical analysis and analysis plans can be advised.

If it is already too late to take advice on study design and planning then we can still advise on the analysis. Stats clinic is a consultancy service. You will be advised on how to do the analysis, so please do not arrive with a set of data and expect the answers to come out of a statistics black box!

Come along expecting to have your analysis plan changed and scientific question altered. This will often take the form of simplification such as collecting less information on more patients. You cannot determine causes of a condition from a handful of patients whose data were collected routinely.

Except in unusual cases you will need statistical software to analyze your data. The RNOH and UCL both endorse the use of SPSS (Statistical Package for Social Sciences), a package which is trusted by medical journals to provide reliable output. A set of SPSS workshops can be found in the training section of our website.