



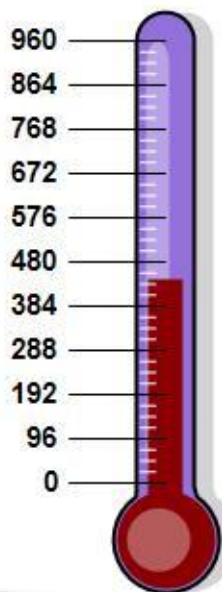
ENCEPH UK

Understanding and Improving the Outcome of Encephalitis



Prospective suspected encephalitis recruitment: Adults and paediatric

Thermometer Chart



444

Welcome to the 2nd Winter Newsletter for ENCEPHUK!

That's right we've been recruiting for over a year now into the adult prospective cohort study and almost a year into the paediatric counterpart, UK-ChiMES, which also recruits children with meningitis. If you're involved in UK-ChiMES you'll hear more from the UKChiMES Newsletter in due course. We now have 48 hospital sites open and as you can see from the thermometer, we've recruited 444 towards our target of 960. See page 3 to see who's top of the leader board in terms of recruitment this time!

Save the Date!

World Encephalitis day
22nd February 2014

22nd February 2014
World Encephalitis Day



UK-ChiMES
research nurse
training day
16th January 2014

Birmingham
Heartlands

Interim analysis
22nd January 2014

See below for more information





Interim analysis

At our last steering committee meeting, we were advised to do an interim analysis and check that everything is indeed on track. For us to be able to do this thoroughly, we need as much information on Openclinica by the time we sit down to do this. And this is where we need your help! We are grateful already for so much of the information that you have given us.

What would be really helpful is for complete data sets entered for all patients recruited up to 18th December, by the end of January, the 22nd January 2014. For the majority this will be just filling in the blanks for example blood tests sent away etc..

Intervention cluster RCT study -

You may have been involved with the preparation of the cluster RCT study, with interviews regarding the difficulties surrounding the management of suspected encephalitis. These interviews are now complete and the RCT study has done really well in establishing the sites involved and the intervention that will be randomized to the hospitals. So watch this space!

Welcome to James McKenna

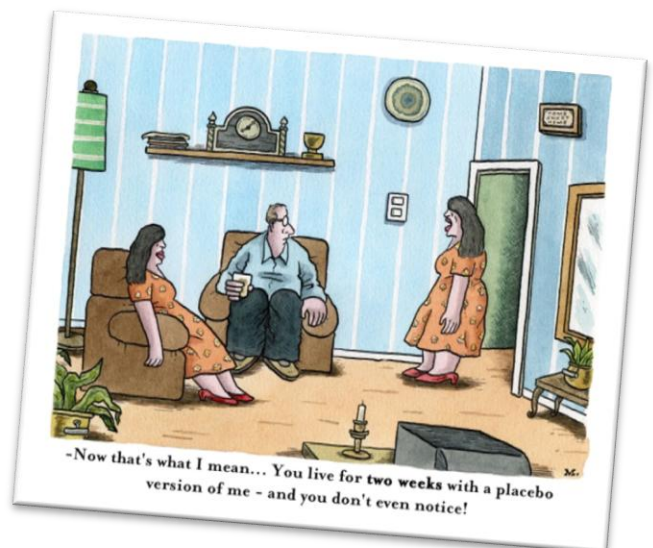


James has joined the team and will be supporting Dr Ruth Backman on the intervention RCT. Outside of work he enjoys travelling to new places and attending music festivals.

An exciting new venture! New Treatment trial!

Do corticosteroids improve outcome in *Herpes simplex* virus encephalitis? As many of you will know this is a vexed question! We now have the chance to answer it. We are planning a randomized controlled trial of dexamethasone in adults with HSV encephalitis which will roll out across all ENCEPH-UK hospitals recruiting adult patients.

The pluses: it's an important question and it's a relatively simple study to add to your portfolio. Unlike ENCEPH-UK, which we know involves lots of patients with *suspected* encephalitis, the new treatment trial will **ONLY** be for those with **PROVEN HSV encephalitis**, so you are likely to see only 1-2 patients per year! Please confirm you would like to know more by emailing: encephuk@liv.ac.uk



Recruitment Leader Board

Hospital	Date Opened to recruitment	Number of months opened	Total recruited	Recruit / Month
Royal Liverpool	18/10/2012	14	29	2.07
Milton Keynes	12/06/2013	6	10	1.66
Walton	19/12/2012	12	11	0.91
North Manchester General	01/02/2013	10	7	0.70
Bradford teaching	03/01/2013	12	8	0.66
Leeds	19/12/2012	12	9	0.75
Birmingham heartlands	10/06/2013	6	4	0.79
Aintree	15/11/2012	13	10	0.76
Manchester Royal	29/07/2013	4	2	0.50
South Tees	11/07/2013	5	3	0.60
Royal Preston	04/02/2013	10	5	0.50
Southampton	28/02/2013	9	6	0.66
Calderdale & Huddersfield	05/06/2013	6	4	0.66
Mid Yorkshire	22/03/2013	9	6	0.66
Morecambe Bay	19/12/2012	12	5	0.41
Guys & St Thomas	15/02/2013	10	4	0.40
Royal Free	08/02/2013	10	3	0.30
Salford Royal	30/01/2013	11	3	0.33
North Cumbria	15/02/2013	10	3	0.27
York	24/04/2013	8	2	0.25
Chelsea & Westminster	08/03/2013	9	1	0.11
Arrowpark	19/02/2013	10	2	0.10
Hull & East Yorkshire	08/01/2013	12	1	0.08
St Mary's	30/10/2013	1	0	0
North Bristol	21/10/2013	2	0	0
St George's	28/11/2013	1	0	0

Look out for the UK-ChiMES newsletter to see how the paediatric sites are doing! 22 sites are open, recruiting children with suspected meningitis & suspected encephalitis!

Useful Websites

www.encephuk.org

www.braininfections.org

www.encephalitis.info



Merry Christmas!

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Proteomic sub-study

In Japanese Encephalitis high levels of certain protein molecules that cause inflammation are present in spinal fluid of patients with poor outcomes. This hasn't been investigated in HSV

This study aims to investigate which of these protein molecules causes the inflammation in encephalitis and are they more closely related to a poor outcome than the amount of virus? The equipment uses beads to bind to these inflammatory proteins, the beads are then passed through a narrow hollow tube and two lasers detect the beads and therefore the concentration of the of the inflammatory protein can be determined.

Luminex Assay Principle

- 1 Bead with capture antibody
- 2 Capture antibody binds analyte
- 3 Fluorescence labeled reporter antibody binds to captured analyte
- 4 Bead ID and reporter quantity determined by laser detector

