

Hospitals with LREC approval

Airedale General Hospital *
 Alexandra Hospital, Redditch
 Arrowe Park Hospital, Wirral *
 Barnet and Chase Farm Hospitals NHS Trust
 Bassetlaw District General Hospital *
 Bedford Hospital *
 Bishop Auckland Hospital
 Blackpool Victoria NHS Trust *
 Bristol Royal Infirmary
 Castle Hill Hospital, Cottingham *
 Cheltenham General Hospital *
 Chesterfield & North Derbyshire Royal Hospital *
 Chorley & District General Hospital
 City Hospital, Birmingham
 Countess of Chester Hospital
 Crosshouse Hospital, Kilmarnock
 Diana Princess of Wales Hospital, Grimsby
 East Surrey Hospital
 Friarage Hospital, Northallerton
 Frimley Park Hospital *
 Furness General Hospital
 George Eliot Hospital, Nuneaton
 Glan Clwyd District General Hospital *
 Glenfield Cardiothoracic Unit, Leicester
 Glenfield ICU, Leicester *
 Glenfield Transport Team *
 Gloucestershire Royal Hospital *
 Great Western Hospital, Swindon
 Hartlepool General Hospital *
 Hereford County Hospital *
 Hillingdon Hospital
 Huddersfield Royal Infirmary
 Hull Royal Infirmary *
 Ipswich Hospital *
 Kettering General Hospital *
 King's Mill Hospital, Sutton-in-Ashfield
 Leicester General Hospital *
 Leicester Royal Infirmary *
 Leighton Hospital, Crewe *
 Luton & Dunstable Hospital *
 Macclesfield District General Hospital *
 Manchester Royal Infirmary *
 Medway Hospital
 Milton Keynes General Hospital
 New Cross Hospital, Wolverhampton
 Ninewells Hospital and Medical School *
 North Devon District Hospital, Barnstaple

Northern General, Sheffield *
 North Manchester General Hospital *
 North Middlesex Hospital
 North Staffordshire NHS Trust *
 Nottingham City Hospital *
 Pilgrim Hospital, Boston *
 Prince Philip Hospital, Llanelli *
 Princess Elizabeth Hospital, Guernsey
 Princess Royal Hospital, Bromley
 Queen Elizabeth Hospital, Gateshead *
 Queen Elizabeth Hospital, King's Lynn
 Raigmore Hospital
 Rotherham District General Hospital *
 Royal Albert Edward Infirmary *
 Royal Bolton Hospital *
 Royal Bournemouth General Hospital
 Royal Gwent Hospital
 Royal Hallamshire Hospital, Sheffield *
 Royal Liverpool University Hospitals *
 Royal London Hospital *
 Royal Preston Hospital *
 Royal Shrewsbury Hospitals NHS Trust
 St Mary's Hospital, Isle of Wight *
 Salisbury District Hospital
 Sandwell General Hospital
 Scarborough Hospital
 Scunthorpe General Hospital *
 Southend Hospital *
 Southern Derbyshire NHS Trust *
 Southern General Hospital, Glasgow
 Southmead Hospital, Bristol
 Southport & Ormskirk Hospital NHS Trust
 South Tees Acute NHS Trust
 South Tyneside District Hospital
 Staffordshire General Hospital *
 Stepping Hill Hospital, Stockport *
 The Horton Hospital, Banbury *
 University Hospital Aintree, Liverpool *
 University Hospital North Tees
 University Hospital of Wales, Cardiff *
 Walsgrave Hospital, Coventry *
 Warrington Hospital
 Warwick Hospital *
 West Suffolk Hospital, Bury St Edmunds *
 Whipps Cross Hospital, London
 Worcester Royal Infirmary *
 Wrexham Maelor Hospital *
 Wycombe General Hospital *

* indicates a hospital that has recruited to the trial

Contacting the CESAR team:

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CAT tel: 0116 287 1471 and ask for CESAR trial clinical advisory team or dial direct on 07984 740 111

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www.cesar-trial.org



CESAR

Newsletter

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Conventional Ventilation or ECMO for Severe Adult Respiratory Failure

No. 7, May 2005

132 patients recruited!

Only 48 left to recruit. February and March were both excellent months for recruitment. Congratulations to all 52 centres who have recruited at least one patient and particularly the following who have recruited at least 5 - Castle Hill Hospital, Glenfield ICU, Gloucestershire Royal Hospital, Luton & Dunstable Hospital, Queen Elizabeth Hospital Gateshead and Royal Hallamshire Hospital. Well done, keep up the good work! Don't forget every patient counts!

The Data Monitoring Committee chaired by Professor Sir Richard Doll reviewed the data in January and send their congratulations to the clinical collaborators and the central team for progress made in this challenging trial. They consider it really important that we reach our agreed target of 180 patients. We are following their advice and seeking additional funding from the HTA to extend the recruitment period. We may only need a few extra months if we recruit an average of 4 patients per month. We cannot guarantee that we will get more money and have initiated a 'Campaign for CESAR' to increase bed capacity at Glenfield and raise the profile of CESAR in collaborating centres.

Collaborators' meeting October 2004



Giles Peek and David Field enjoying a cup of tea at the 3rd CESAR Collaborators' meeting in London. For more details and pictures of the day see inside...

Patient Inclusion Criteria

- Adult patients (18-65 years)
- Severe, but potentially reversible, respiratory failure
- Murray score \geq 3.0, or uncompensated hypercapnoea with a pH <7.20

Patient Exclusion Criteria

- Duration of high pressure and/or high FiO₂ ventilation >7 days
- Intra-cranial bleeding
- Any other contra-indication to limited heparinisation
- Patients who are moribund and have any contra-indication to continuation of active treatment



Collaborators' meeting

The 3rd Collaborators' meeting held in London was a very successful day. The focus of the day was raising the CESAR profile and improving recruitment rates and also asking collaborators for their ideas on ingredients for success. We heard from David Niblett at Bedford, Mark Patten at Luton, and Christina Price at Castle Hill on how they have been successful at keeping CESAR prominent on their units, which has led to good referral and recruitment rates. Some of the main ingredients for success include:

- repetition and reinforcement of CESAR by collaborators and nurses
- dedicated CESAR notice board
- use of presentations and feedback by staff following attendance at study days
- good relationship between medical and anaesthetic staff
- referring patients who do not quite meet the criteria - this alerts Glenfield CAT to the possibility of an eligible patient so they can monitor the situation and follow-up the referral.

We would like to thank everyone for their participation and for making this an interesting and very useful day.

Campaign for CESAR

Dave Francis (pictured right) is the Deputy Head of the Centre for Research in Innovation Management (CENTRIM) at the University of Brighton and is the man behind the Campaign for CESAR. He is with the trial team for about 9 months exploring whether methods from the world of business can be used to boost our recruitment. His involvement has stimulated the team to bring in a range of initiatives such as:

Study days for nurses

Yvonne Doyle, ECMO Educator at Glenfield Hospital is organising a series of study days for CESAR nurses. Presentations on ECMO, the CESAR Trial and transporting critically ill patients will be given during these events. The next study day is confirmed for 25th July 2005 to take place at Glenfield Hospital and full details will be available soon. So if you are interested in attending the next one, contact Yvonne.Doyle@uhl-tr.nhs.uk or call 0116 250 2431.

New direct dial phone line for referrals!

A new direct phone number has been set up so you can get quick access to the Clinical Advisory Team without having to go through the switchboard. Please use the new direct mobile number - **07984 740 111**.



Mark Patten



David Niblett



Induction packs for new staff

We have produced a CESAR Information pack for medical staff who have joined the unit this February, and these have recently been distributed via the named CESAR nurses. The pack provides introductory information about CESAR enabling rapid identification of potentially eligible patients at an early stage. If you are new to your unit and have not yet received a copy, please contact Koro Diallo on 020 7927 2376 or Korotimi.Diallo@lshtm.ac.uk. Information is also available on our website at www.cesar-trial.org/induction.htm.

Murray Score

Don't forget you can now calculate your patients' Murray Score using our handy online calculator. Visit our website for details www.cesar-trial.org/murrayscorecalculator.htm. Have you received your Murray Score ventilator stickers? If not contact Koro Diallo on 020 7927 2376 or Korotimi.Diallo@lshtm.ac.uk.

CESAR the movie!

Dave Francis has been working with the team at Glenfield to produce a short film on key aspects of the study such as patient eligibility, registration and recruitment, assent and transport. This is currently in production and copies will be available to online centres soon!

Hospital visits/roadshow

Ravin Tiruvoipati will soon be out and about with his new style roadshow visits. If you are interested in a visit, we are currently taking bookings for May and June. Please contact Koro or Ravin (rt67@leicester.ac.uk) for more details.



Elaine Britton Smith and the Critical Care Department team at Queen Elizabeth Hospital, Gateshead.

Forthcoming conferences and training courses

- ICS Spring Conference: 5 - 6 May 2005, Scottish Exhibition and Conference Centre, Glasgow. Further information www.ics.ac.uk/. Giles Peek will be talking about CESAR on Thursday May 5th in the Respiratory Failure session.
- BACCN Conference 2005: 13-15 September 2005, Winter Gardens, Weston Super Mare. Further information www.baccn.org.uk/conferences/index.asp.

DON'T FORGET TO VISIT THE CESAR STAND!

- The 5th UK ECMO Conference: 23-24 June 2005, Clinical Education Centre, Glenfield Hospital, Leicester. For further information please contact jackie.howarth@uhl-tr.nhs.uk.