



OSCAR



High Frequency OSCillation in ARDS

07/H0502/98 & 07/MRE00/73 ISRCTN10416500

Newsletter 12 – June 2010



**Prize for
401st
patient!!**

TRIAL UPDATE

369 patients have been recruited to date!



**Keep
recruiting!**



OSCAR COLLABORATORS MEETING

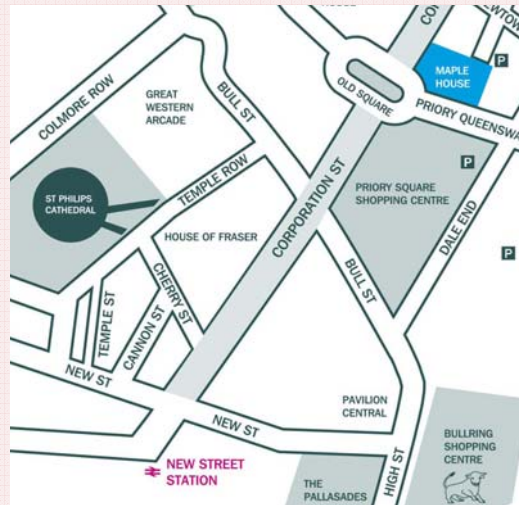
Maple House

150 Corporation Street

Birmingham

Tuesday 22nd June 2010

10:30—15:00



We are holding an OSCAR Collaborators meeting in Birmingham on Tuesday, 22nd June at **Maple House**, 150 Corporation Street, B4 6TB. All PIs and Research Nurses are invited to attend, along with one in-house trainer. **There are still places available** (all expenses paid by the University of Oxford). Please join us for an information-packed event which will include a discussion of HFOV-related clinical issues, led by Duncan Young, Sanjoy Shah and Iain Mackenzie and a review of Vision-alpha updates with Simon Motley from Inspiration Healthcare. There will also be time for a clinical open forum and group discussion.

Please email OSCAR.trial@nda.ox.ac.uk or ring the trial office on 01865 220 614 to reserve your place!

RECRUITMENT UPDATE

BREAKING NEWS... May 2010 saw our highest monthly recruitment to date!

Thank you to the following sites who together recruited 27 patients to the trial...

- University College Hospital (4)
- Leeds Teaching Hospitals (3)
- Queen Alexandra Hospital (3)
- Royal Cornwall Hospital (3)
- Royal Blackburn Hospital (2)
- Selly Oak/Queen Elizabeth Hospitals (2)
- Southampton General Hospital (2)
- York Hospital (2)
- Ipswich Hospital (1)
- Manchester Royal Infirmary (1)
- Queen Margaret Hospital (1)
- Royal Sussex County Hospital (1)
- Wrexham Maelor Hospital (1)
- Wythenshawe Hospital (1)

The original OSCAR sites recruited 12 patients during May and the new OSCAR sites recruited 15 patients. A huge thank you from all the OSCAR team to everyone involved! Congratulations to staff at **Ipswich Hospital** who have recruited their first patient to the trial. Please remember that the target is two patients per month/unit. Thank you to all sites for ringing in with your screening figures and completing your 'Why Not in Trial' logs. Recording this information helps to establish that there has been an unbiased case selection and will ensure full reporting according to the CONSORT statement. **Please continue to keep up the good work as OSCAR enters its final year!**



OSCAR PRIZE FOR THE 350th PATIENT

Thank you to all the staff at **Queen Alexandra Hospital** in Portsmouth who not only managed to recruit the 350th OSCAR patient but also randomised 3 patients during May. Everyone at OSCAR hopes that you enjoyed the "Yorkshire themed hamper" inspired by our recent trip to the ICS conference at the Royal Armouries in Leeds. Remember that there will be another prize for the 401st patient!

HIGHLIGHTS FROM THE OSCAR RESEARCH NURSE DAY

We held our second OSCAR Research Nurse Day in Oxford last month. Six OSCAR Research nurses kindly volunteered to present their experiences on participating in the OSCAR trial. The team at OSCAR thought that you might like a brief synopsis of the presentations...

The talks were initiated by **Sally Baddeley** (Blackpool Victoria Hospital) who talked very honestly about “the Blackpool Experience” as one of the newer OSCAR units. Sally’s talk incorporated what went well, and what didn’t go so well during initial set up of OSCAR on the unit and recruitment to the trial.

Karen Linford (Southampton General Hospital) spoke about Southampton University Hospitals NHS Trust, and gave an in-depth introduction to the General ICU followed by the OSCAR story so far. Karen briefly discussed OSCAR training and then progressed onto the recruitment of their first OSCAR patient. The case history was very detailed focusing on specific blood gases, the adjustments made to the ventilator settings on the Novalung Vision Alpha, and finally culminated in “life after OSCAR” for that particular patient. The patient actually asked to see the OSCAR ventilator once she was better!

Helen McMillan (Derriford Hospital) talked about “OSCAR – our experiences”. Helen started her talk with an introduction to the ICU and moved onto a very honest account of their first patient on HFOV, the lessons

learned, and the consequences of this experience including how the team overcame these initial teething problems. The final part of Helen’s talk focused on the more positive aspects finishing with an intriguing case history involving two female patients both admitted with H1N1 on one particular day last year, one receiving CV, and the other HFOV.

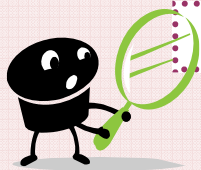
Janice Grant (Stirling Royal Infirmary) surely should be awarded an OSCAR for her fantastic film! Not only was Janice’s exit from Oxford impeded by the volcanic ash cloud, the premier showing of her film was delayed due to technical difficulties. When we finally overcame the computer glitches it was probably one of the highlights of the day. A very informative but delightful, light hearted look at OSCAR on the ICU at Stirling unfolded as Janice took us around the unit meeting the key staff involved with the trial. **We are planning to put Janice’s film on the OSCAR website and shall let you know when it is available for viewing!**

Louise Williams (Selly Oak/QEH) again gave a very honest talk as one of our original but also our current top recruiting unit (45 patients to date at time of talk). Louise’s talk focused on the hospitals at Birmingham, the types of patients admitted to the ICU and the move to the new purpose-built QE site. There was also a lot of discussion surrounding clinical care of the oscillated patient and lessons learnt over the years. In conclusion, a very informative yet amusing talk which

generated the maximum discussion of all the presentations amongst those who attended. Lots of nice graphics too!

Finally, last but not least **Lynne Bullock** (Royal Blackburn Hospital) presented a talk cleverly entitled “and the OSCAR goes to...The Royal Blackburn” written by herself and **Martin Bland** (who was unable to attend). Yes indeed, Royal Blackburn should be awarded an OSCAR for their fabulous contribution to patient recruitment and attendance at OSCAR training (both in Oxford and on-site). Lynne’s talk started on the ICU at the hospital and then progressed onto the clinical research on the unit including the problems encountered with that research. The talk finished on the positive aspects of taking part in OSCAR together with a delightful picture of both Lynne and Martin getting acquainted with the Novalung Vision Alpha!

Again a huge thank you from the OSCAR team to everyone involved in the presentations but also those who found time to attend the OSCAR Research Day. Due to success of the day we are providing the opportunity for those attending the Annual OSCAR Collaborator’s Meeting to participate in an “open clinical forum” where staff will be able to discuss any clinical or technical aspects of the OSCAR trial with three of our senior OSCAR clinicians and Simon Motley from Inspiration Healthcare.



KEEPING A LOOKOUT FOR SUITABLE PATIENTS

Patients may be suitable for OSCAR if they meet the following criteria:

- ✓ *Aged 16 or over*
- ✓ *Weigh at least 35kg*
- ✓ *Are receiving artificial ventilation (via an ET or tracheostomy tube)*
- ✓ *Have been mechanically ventilated for LESS than 7 consecutive days (168 hours) at the point of randomisation*
- ✓ *Are not predicted to be extubated by tomorrow evening*
- ✓ *Have acute hypoxaemic respiratory failure as defined by bilateral infiltrates on a chest x-ray & a PaO₂/FIO₂ of less than or equal to 26.7kPa.*