ACTA AUTUMN MEETING
18th November 2011
Topics to include:
Advances in Cardiac Anaesthesia
Congenital Anaesthesia
Thoracic Anaesthesia

ACTA ECHO MEETING
17th November 2011
Theme: Echocardiography in Intensive Care and Emergency Medicine, including workshops
- Five Echo Re-accreditation points

HACS MEETING
16th November 2011
Theme: Perioperative haematology-2011
Advances in coagulation and blood conservation
including: case/problem based discussions, Swine flu, ECMO and bleeding

A CPD Approved Course - Five CPD credits each day

HOLYWELL PARK CONFERENCE CENTRE
LOUGHBOROUGH, UK
Welcome address

On behalf of the Organising Committee we welcome you all to the HACS, ACTA Echo, ACTA 2011 meetings that will be held at Holywell Park Conference Centre, Loughborough, Leicestershire UK. This will be the biggest event of the Association of Cardiothoracic Anaesthetists which will be conducted over three days for the first time. Delegates from all disciplines and grades are welcome.

Wednesday 16th November 2011 - Haematology Associated with Cardiac Surgery (HACS) Conference - The theme of the meeting includes Perioperative Haematology 2011, Advances in Coagulation and Blood Conservation including case/problem based discussions, Swine flu, ECMO and Bleeding.

Thursday 17th November 2011 - Association of Cardiothoracic Anaesthetists Echocardiography (ACTA Echo) 2011 Conference - The theme of the meeting is Echocardiography in Critical Care and Emergency Medicine including four parallel hands on workshops.

In the evening there will be a Gala Dinner at nearby Prestwold Hall.

Friday 18th November 2011 - Association of Cardiothoracic Anaesthetists (ACTA) 2011 Conference - Topics to include Advances in Cardiac Anaesthesia, GUCH and Thoracic Anaesthesia. There will also be Free paper and Poster presentations. Attraction of the day will be ‘Lung Isolation Workshop’.

We have an International Faculty and expect delegates from UK and abroad. The target group will include all disciplines including Anaesthetists, Intensivists, Acute Medicine Physicians, Cardiologists, Cardiothoracic Surgeons, Haematologists, Echosonographers, Perfusionists and other allied health professionals.

Do not miss this memorable event; inform your friends and colleagues. So please join us in Loughborough from 16th to 18th November 2011 for the ACTA Conferences.

Best wishes

Dr Justiaan Swanevelder, justiaan.swanevelder@uhl-tr.nhs.uk
Dr Aamer Ahmed, aamer.ahmed@uhl-tr.nhs.uk (HACS 2011)
Dr Ravi Hebballi, ravi.hebballi@uhl-tr.nhs.uk (ACTA Echo 2011)
Dr Johan Bence, johan.bence@uhl-tr.nhs.uk (ACTA 2011)

Organising Committee, Department of Anaesthesia and Critical Care Medicine, Glenfield Hospital, University Hospitals of Leicester NHS Trust
Haematology Associated with Cardiac Surgery/ACTA Symposium

Wednesday 16th November 2011
Five CPD Credits

08:00  Registration/Coffee/Tea/Trade Exhibition

Session 1:  Chairman: Aamer Ahmed, Klaus Görlinger

08:50  Welcome Address: Introduction to ACTA 2011: Dr Aamer Ahmed and Mr Malcolm Lowe-Lauri CBE Chief Executive, University Hospitals of Leicester NHS Trust

09:00  “Bloody Blood”  Ravi Gill

09:30  Perioperative Management of Coagulopathies: Point of Care versus Haematology Laboratory  Carlo Marcucci

10:00  Blood Conservation and Cell Salvage: “Tight & Dry”  Colin Royse

10:30  Coffee/Tea/Trade Exhibition

Session 2:  Chairpersons: Andrea Kelleher, David Royston

11:00  Indications for Prothrombin Complex Concentrates/Fibrinogen  Niels Rahe-Meyer

11:30  Common Perioperative Coagulation Problems

Moderators - Aamer Ahmed/Ravi Gill

(15 min presentations, 15 min Problem-based Panel Discussion)

Platelet Function Testing: Clinical Indications  Hafiz Qureshi

Acquired vWF Deficiency in Aortic Stenosis  Andrea Kelleher

Heparin Resistance  Marco Ranucci

Heparin Induced Thrombocytopenia  David Royston

Sickle Cell Disease & Cold Agglutinins and Cardiopulmonary Bypass  Shubha Allard

13:00  Lunch/Trade Exhibition

Session 3:  Chairman: David Royston, Ravi Gill

14:00  FVIIa, Fibrinogen and Factor XIII: which and when  Marco Ranucci

14:30  Swine Flu H1N1/Coagulation in ECMO: Glenfield Experience  Chris Harvey

15:00  Coffee/Tea/Trade Exhibition

Session 4:  Point of Care Test Workshop (1-2 clinical cases each) and Clinical Trials

15:30  Facilitators - Aamer Ahmed/Hafiz Qureshi /Sue Pavord

Thromboelastography (TEG) / Platelet Mapping  - Ravi Gill

Rotational Thromboelastometry (ROTEM)  - Niels Rahe-Meyer, Andrew Mumford, Cristina Solomon

Platelet Aggregometry and Platelet Function Analysis (Multiplate)  - Seema Agrawal, Klaus Görlinger

Trade - Jim Leith and Jon Hollinshead (ROTEM), Karen Clarke/Oliver Pearson (TEG/Platelet Mapping), Suzanne Kelly (Multiplate)

16:30  POC algorithms: impact on transfusion requirements and mortality  Klaus Görlinger

17:00  The UK COPOTIC trial: A comparison between point of care and reference laboratory tests  Andrew Mumford

17:30  Satellite Symposium - Near Infrared Spectroscopy Workshop (see over for further detail)  Robert Bonser

Faculty

Seema Agrawal  CTC, Liverpool
Aamer Ahmed  Glenfield Hospital, Leicester
Shubha Allard  Bart’s & Royal London Hospitals, London
Robert Bennett  Castle Hill Hospital, Hull
Sean Bennett  University Hospital Birmingham
Robert Bonser  University Hospital Southampton
Ravi Gill  Essen, Germany
Klaus Görlinger  Royal Brompton Hospital, London
Chris Harvey  Carlo Marcucci  Lausanne, Switzerland
Andrea Kelleher  Bristol Royal Infirmary
Robert Bennett  Leicester Royal Infirmary, Leicester
Sue Pavord  Leicester Royal Infirmary, Leicestershire
Hafiz Qureshi  Hannover, Germany
Marco Ranucci  Milan, Italy
Suzanne Kelly  University Hospital Melbourne, Australia
Andrew Mumford  Harefield Hospital, London
Andrea Kelleher  HACS
Shubha Allard  Salzburger Landeskliniken SALK
Near Infrared Spectroscopy Symposium

Wednesday 16th November

17:30 Welcome – Chair Sean Bennett

17:35 Haemodynamic monitoring in acute type A dissection surgery
Prof Robert Bonser, University Hospital of Birmingham NHS Foundation Trust

17:55 Perfusion techniques and cerebral oximetry
Robert Bennett, Castle Hill Hospital, Hull

18:15 Cerebral oximetry – how to manage?
Sean Bennett, Castle Hill Hospital, Hull

18.35 - 19.00 Canapés and Wine

19.00 Conclusion

Supported by:
**ACTA Echo 2011: Echocardiography in Critical Care**

Thursday 17th November 2011
Five CPD credits and Five Echo Re-accreditation points

**Session 1:** Echocardiography in the Intensive Care Unit  
Chairmen: Ravi Hebballi, Nick Fletcher

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
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<tbody>
<tr>
<td>08:45</td>
<td>Welcome Address</td>
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<tr>
<td>08:50</td>
<td>Echo in Intensive Care Medicine - Where did it all start? Where are we now? Where are we going to?</td>
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<tr>
<td>09:30</td>
<td>“Critical Care Echo - My best hits!” Case presentations: Johan Bence, Bettina Jungwirth, Navroz Masani, Colin Royse, Michael Schupp</td>
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<td>10:30</td>
<td>Echo in Resuscitation – How do we FEEL, How is it different and what is WINFOCUS?</td>
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**Session 2:** Emergency Echo - How to do it?  
Chairpersons: Susanna Price, Donna Greenhalgh

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<tr>
<th>Time</th>
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<tr>
<td>11:30</td>
<td>The critically ill patient, introducing shock ultrasound</td>
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<td>12:00</td>
<td>Emergency Echocardiography – New guidelines/recommendations from European Association of Echocardiography</td>
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<td>12:30</td>
<td>The “HART Scan” – Developing a Perioperative Echo Training Programme</td>
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**Session 3:** Emergency Echo - The Way Forward  
Chairmen: Derek Chin, Justiaan Swanevelder

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<tr>
<td>14:00</td>
<td>Lessons learnt from the ACTA/BSE TOE Accreditation Process</td>
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<td>14:15</td>
<td>BSE Perspective</td>
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<td>ICM perspective</td>
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**Session 4:** Workshops (4 parallel workshops - 120 min each, choose any one)

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<th>Time</th>
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<tbody>
<tr>
<td>15:30</td>
<td>Moderator - Ravi Hebballi</td>
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<tr>
<td>A.</td>
<td>Cardiac Anatomy Wet Lab - Khazeh Fananapazir, Ranjit Leanage, Justiaan Swanevelder</td>
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<td>B.</td>
<td>Ultrasound in ITU / FATE / FAST - Derek Chin, Atul Gaur, Nav Masani, Craig Morris, Aleksandar Neskovic, Adriaan Van Rensburg, Andrew Roscoe, Colin Royse</td>
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<tr>
<td>C.</td>
<td>TOE Simulator, TTE simulator, interesting cases - Johan Bence, Nick Fletcher, Nick Harvey, Susanna Price, Michael Schupp, and Sue Wright: Heartworks, Vimedix</td>
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<td>D.</td>
<td>Mock ICU Echo Exam - Nick Morgan-Hughes, Akos Marko, Donna Greenhalgh - a pilot test under full examination conditions, together with feedback</td>
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**Faculty**

<table>
<thead>
<tr>
<th>Name</th>
<th>Institution</th>
<th>Country</th>
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<tbody>
<tr>
<td>Johan Bence</td>
<td>Glenfield Hospital, Leicester</td>
<td>Leicester</td>
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<tr>
<td>Derek Chin</td>
<td>Glenfield Hospital, Leicester</td>
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<tr>
<td>Khazeh Fananapazir</td>
<td>Wythenshawe Hospital, Manchester</td>
<td>Manchester</td>
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<td>Nick Fletcher</td>
<td>St George’s Hospital, London</td>
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<td>Atul Gaur</td>
<td>Glenfield Hospital, Leicester</td>
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<td>Donna Greenhalgh</td>
<td>Wythenshawe Hospital, Manchester</td>
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<tr>
<td>Khazeh Fananapazir</td>
<td>Wythenshawe Hospital, Manchester</td>
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<tr>
<td>Ravi Hebballi</td>
<td>Glenfield Hospital, Leicester</td>
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<td>Nicola Jones</td>
<td>Royal Brompton Hospital, London</td>
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<td>Bettina Jungwirth</td>
<td>Royal Brompton Hospital, London</td>
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<tr>
<td>John Kneeshaw</td>
<td>Papworth Hospital, Cambridge</td>
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<td>Ranjit Leanage</td>
<td>Manchester Children’s Hospital</td>
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<td>Navroz Masani</td>
<td>University Hospital Cardiff</td>
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<tr>
<td>Akos Marko</td>
<td>Sheffield Northern General Hospital</td>
<td>Belgrade, Serbia</td>
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<tr>
<td>Nick Morgan-Hughes</td>
<td>Sheffield Northern General Hospital</td>
<td>Derby</td>
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<td>Craig Morris</td>
<td>Sheffield Northern General Hospital</td>
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<tr>
<td>Aleksandar Neskovic</td>
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<td>Adriaan Van Rensburg</td>
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<tr>
<td>Andrew Roscoe</td>
<td>Sheffield Northern General Hospital</td>
<td>Derby</td>
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<tr>
<td>Colin Royse</td>
<td>University Hospital Melbourne, Australia</td>
<td>Australia</td>
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<tr>
<td>Michael Schupp</td>
<td>Glenfield Hospital, Leicester</td>
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<tr>
<td>Justiaan Swanevelder</td>
<td>Glenfield Hospital, Leicester</td>
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<tr>
<td>Susan Wright</td>
<td>UCL Heart Hospital, London</td>
<td>London</td>
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**ACTA Autumn Meeting**

Friday 18th November 2011
Five CPD credits

08:00  
Registration/Coffee/Tea/Trade Exhibition

**Session 1:**  
Parallel Sessions  
Chairmen: Johan Bence, Ravi Gill

08:45  
Welcome Address

09:00  
Presentation of Free Papers – Judges: Ravi Gill, Colin Royse, Bernhard Riedel, Bettina Jungwirth  
Lung isolation Workshop - (limited spaces)  
Rajani Annamaneni, Elizabeth Jonck, Rakesh Vaja, Neil Rasburn, Mat Molyneux  
Free Posters and Judging – Judges: David Duthie and Team

10:30  
Coffee/Tea/Trade Exhibition/Poster viewing

**Session 2:**  
Thoracic Anaesthesia  
Chairpersons: Johan Bence, Rajni Anamaneni

11:00  
Anaesthetic Technique and Cancer Outcome: Myth or Reality?  
Bernhard Riedel

11:30  
Extra Pleural Pneumonectomy vs. Radical Decortication/ VATS Lobectomy vs. Open Lobectomy  
David Waller

12:00  
Strategies for Improved Perioperative Outcome after Lung Resection  
Case Discussion with Panel

12:30  
ACTA Business Meeting

13:00  
Lunch/Trade Exhibition

**Session 3:**  
Advances in Cardiac Anaesthesia  
Chairmen: Justiaan Swanevelder, David Duthie

14:00  
New Developments in Cardio Pulmonary Bypass  
Marco Ranucci

14:20  
A New Way of looking at Thoracic Epidurals in Cardiac Surgery  
Colin Royse

14:40  
Female Gender- Risk Factor in Cardiac Surgery?  
Bettina Jungwirth

15:00  
Endothelium, Statins, Anti-inflammatory Adjuncts and the Perioperative Setting  
Bernhard Riedel

15:20  
Case Discussion with Panel

15:30  
Coffee/Tea/Trade Exhibition

**Session 4:**  
Grown Up Congenital Heart Disease  
Chairpersons: Sara Mele, Johan Bence  
Adult Patients with Congenital Lesions Presenting for Non Cardiac Surgery

16:00  
The State of GUCH – What is the problem?  
Aidan Bolger

16:15  
Valuable Anaesthetic Principles for the GUCH Patient  
Tim Bedford

16:30  
Case Presentations and Panel Discussion: Tim Bedford, Johan Bence, Aidan Bolger, Adrian Crucean, Sara Mele, Justiaan Swanevelder  
• Shunt on Atrial Level and Complications  
• Fontan Circulation

17:00  
Presentation of Prizes and Awards

**Faculty**

Rajani Annamaneni  
Tim Bedford  
Johan Bence  
Aidan Bolger  
Adrian Crucean  
David Duthie  
Ravi Gill  
Elizabeth Jonck  
Glenfield Hospital, Leicester

Bettina Jungwirth  
Sara Mele  
Mat Molyneux  
Marco Ranucci  
Neil Rasburn  
Bernhard Riedel  
Colin Royse  
Justiaan Swanevelder  
Rakesh Vaja  
David Waller  
Glenfield Hospital, Leicester

Faculty  
Glenfield Hospital, Leicester  
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Glenfield Hospital, Leicester  
Glenfield Hospital, Leicester  
Glenfield Hospital, Leicester  
University Hospital Southampton  
Glenfield Hospital, Leicester  
Glenfield Hospital, Leicester  
Bristol Royal Infirmary, Bristol  
Bristol Royal Infirmary, Milan, Italy  
Bristol Royal Infirmary, Melbourne, Australia  
Glenfield Hospital, Leicester  
Glenfield Hospital, Leicester  
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Glenfield Hospital, Leicester  
Glenfield Hospital, Leicester  
Glenfield Hospital, Leicester

Faculty  
Munich, Germany  
Bristol Royal Infirmary, Bristol  
Bristol Royal Infirmary, Milan, Italy  
University Hospital Melbourne, Australia  
Glenfield Hospital, Leicester  
Glenfield Hospital, Leicester  
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Glenfield Hospital, Leicester
GENERAL INFORMATION

VENUE
Holywell Park, Loughborough University, Loughborough, Leicestershire, LE11 3GR.
Tel: 01509 635600 Website: www.welcometoimago.com

Holywell Park is acknowledged as one of the UK’s leading conference centres and with its excellent central location, one mile from junction 23 of the M1, it is the ideal venue for this conference. We hope you will enjoy the facilities of this purpose built specialist conference centre which is set in landscaped grounds on the edge of the National Forest.

Directions:
By road: Leave M1 at junction 23. Take A512 Ashby Road towards Loughborough. Burleigh Court and Holywell Park are located at the 2nd exit of the first roundabout.
If using SAT NAV, use postcode LE11 3GR.
By rail: Loughborough Railway Station (2 miles from the venue), Leicester Railway Station (13 miles from the venue)
By air: East Midlands Airport (8 miles from the venue)

Car Parking:
There are ample free car parking spaces on site.

Hotel Accommodation
Delegates should book hotel accommodation directly with the following hotels for a preferential rate by calling Tel: 01509228140

Burleigh Court Hotel (4 star hotel) is located within 5 minute walk from Holywell Park Conference Centre.
Event reference: 112833

The Link Hotel is located approximately a 10 minute walk from Holywell Park Conference Centre.
Event reference: 112835

Prices for both the hotels inclusive of breakfast and VAT are:
- Lodge room for solo accommodation £60
- Executive accommodation for solo occupancy £77
- Executive accommodation for double occupancy £93
- Family room for 2 adults and 2 children £125
- Visit www.welcometoimago.com

CALL FOR ABSTRACTS
Abstracts for free paper and poster presentations are an integral part of this conference. The original high quality material is key both to scientific content of this conference and to the career development of young investigators and trainees.

All the accepted abstracts will be eligible for either paper presentation or poster presentation.
To obtain further details of abstract submission contact the organising secretariat or visit the ACTA website www.acta.org.uk. The closing date for abstracts is 30th September 2011.

SOCIAL PROGRAMME
ACTA Dinner Thursday 17th November 2011, from 19:00 hrs onwards at Prestwold Hall.
Prestwold Hall is one of the Midlands’ premier stately homes located in the parish of Prestwold in heart of Leicestershire. Standing in 1000 hectares of farmland, parkland and an airfield, Prestwold Hall is the ancestral home of the Packe – Drury – Lowe family who are delighted to share their home.
Book your place, using the registration form provided, for what we are sure will be a very popular event. Please note that admission will be by ticket only.

“ACTA Fun Run” (November 18th, Friday morning, leaving from Burleigh Court Reception - 06:30-07:30) for the energetic delegates - Bring your running shoes and experience the beautiful Charnwood Forest on a 45-60 minute cardiovascular workout. The training ground of the 2012 Olympic Team GB!

CPD ACCREDITATION
CPD has been granted for this course. Five CPD credits each day from the Royal College of Anaesthetists. Five Echo Re-accreditation points from the British Society of Echocardiography for the ACTA Echo Meeting. Eight CPE points from The Society of Clinical Perfusion Scientists and The College of Clinical Perfusion Scientists.

ACKNOWLEDGEMENTS
We are very grateful to the following companies who have already confirmed support towards these meetings: Baxter Healthcare, CAE Healthcare, CareFusion, Carinopharm, Chalice Medical, Cook Medical, Covidien, CSL Behring, Fisher & Paykel Healthcare Ltd, Fresenius Kabi Ltd, Gambro Lundia AB, GE Healthcare, Haemonetics Ltd, Instrumentation Laboratory UK Ltd, Intersurgical, Inventive Medical, Maquet Ltd, MSD Anaesthesia, Octapharma, Omega Critical Care Ltd, Philips Healthcare Ltd, Siemens Healthcare, Sonosite Ltd, TEM International, Wesleyan Medical Sickness.
REGISTRATION FORM

Title (Please Tick)  Professor  Dr  Mr  Mrs  Miss  Ms

First name:  

Hospital:  

Email:  

I wish to attend the following meeting(s): Please Tick

HACS Meeting, Wednesday 16th November
ACTA Echo Meeting, Thursday 17th November
ACTA Autumn Meeting, Friday 18th November

Please indicate your registration type by ticking the appropriate box(es):

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<thead>
<tr>
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<th>Registration before 14th October 2011</th>
<th>Registration after 15th October 2011</th>
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<tr>
<td></td>
<td>Any one day</td>
<td>Any two days</td>
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<tr>
<td>Consultants</td>
<td>£125   ○</td>
<td>£200 ○</td>
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<td>Trainees</td>
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<td>£150 ○</td>
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<tr>
<td>Non-medical staff</td>
<td>£75 ○</td>
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<td>ACTA dinner</td>
<td>£40 ○</td>
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BOOKINGS AND PAYMENTS

- A place is confirmed only after the payment is received.
- Please make cheques payable to ‘Millbrook Medical Conferences Ltd’ and submit along with registration form
- Payments by major Credit and Debit cards are also accepted (note that American Express is not accepted).
- No refunds will be given for cancellations after 14th October 2011. Prior to this a full refund will be given minus £25 administrative charge.

Payment details:

Registrations can also be paid by cheque to Millbrook Medical Conferences Ltd.
Please ensure your completed registration form accompanies your cheque payment.
Your place is confirmed only after payment is received.
The deadline for cancellation of your place is 14th October 2011. If you cancel on or before this date a refund of your registration fee minus a £25 administration charge is available. After 14th October no refunds are available.

I wish to attend the following Breakout Sessions:

<table>
<thead>
<tr>
<th>Meeting(s)</th>
<th>Workshop(s)</th>
<th>Please tick</th>
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<tbody>
<tr>
<td>Thursday 17th November ACTA Echo Meeting</td>
<td>You can attend any one workshop. (Limited places available in each group, first come first serve bases)</td>
<td>Mark your order of preference 1 to 4</td>
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<tr>
<td></td>
<td>A. Cardiac anatomy wet lab</td>
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<td>B. Ultrasound in ITU / FATE / FAST</td>
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<td>C. TOE simulator, TTE simulator, interesting cases</td>
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<td>D. Mock ICU Echo Exam</td>
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<tr>
<td>Friday 18th November ACTA Autumn Meeting</td>
<td>Lung Isolation workshop (limited places available, first come first served basis)</td>
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If you are considering submitting an abstract and wish to receive further details via email please tick ○

Please complete and return to Millbrook Medical Conferences Ltd
Fax: +44 (0)1455 55098 Email: ACTA2011@millbrookconferences.co.uk
Suite 3, Elizabethan House, Leicester Road, Lutterworth, Leicestershire LE17 4NJ
Tel: +44 (0) 1455 552559
Leicestershire

Leicestershire is a beautiful county at the heart of England, a county where timeless villages really do exist and market towns actually live up to the name. With pretty villages steeped in history, rolling landscapes and beautiful market towns, Leicestershire is a county packed with historical facts and fiction.

Welcome to the Britain’s multicultural and first “Environment City” Leicester. Leicester has been developed into a major commercial and manufacturing centre with a rich and unique heritage.

Loughborough is a town within the Charnwood Borough of Leicestershire, and the home of prestigious Loughborough University.