



# 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**



University Hospitals of Leicester **NHS**  
NHS Trust



**Glenfield Hospital**  
Groby Road  
Leicester  
LE3 9QP

### 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, Echocardiographers, 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: Chairmen: Aamer Ahmed, Klaus Görlinger**

- |       |   |               |
|-------|---|---------------|
| 08:50 | Welcome Address: Introduction to ACTA 2011:<br><b>Dr Aamer Ahmed and Mr Malcolm Lowe-Lauri CBE Chief Executive, University Hospitals of Leicester NHS Trust</b> |               |
| 09:00 | "Bloody Blood"  | Ravi Gill     |
| 09:30 | Perioperative Management of Coagulopathies: Point of Care versus Haematology Laboratory   | Carlo Marucci |
| 10:00 | Blood Conservation and Cell Salvage: "Tight & Dry"  | Colin Roysse  |

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 | <b>Common Perioperative Coagulation Problems</b><br>Moderators - Aamer Ahmed/Ravi Gill<br><br>(15 min presentations, 15 min Problem-based Panel Discussion)<br><b>Platelet Function Testing: Clinical Indications</b><br><b>Acquired vWF Deficiency in Aortic Stenosis</b><br><b>Heparin Resistance</b><br><b>Heparin Induced Thrombocytopenia</b><br><b>Sickle Cell Disease &amp; Cold Agglutinins and Cardiopulmonary Bypass</b> | Hafiz Qureshi<br>Andrea Kelleher<br>Marco Ranucci<br>David Royston<br>Shubha Allard |

13:00 Lunch/Trade Exhibition

**Session 3: Chairmen: 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<br><b>Thromboelastography (TEG) / Platelet Mapping</b> - Ravi Gill<br><b>Rotational Thromboelastometry (ROTEM)</b> - Niels Rahe-Meyer, Andrew Mumford, Cristina Solomon<br><b>Platelet Aggregometry and Platelet Function Analysis (Multiplate)</b> - Seema Agrawal, Klaus Görlinger<br><b>Trade</b> - 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<br>Robert Bennett<br>Sean Bennett |

## Faculty

Seema Agrawal	CTC, Liverpool	Carlo Marucci	Lausanne, Switzerland
Aamer Ahmed	Glenfield Hospital, Leicester	Andrew Mumford	Bristol Royal Infirmary
Shubha Allard	Bart's & Royal London Hospitals, London	Sue Pavord	Leicester Royal Infirmary, Leicester
Robert Bennett	Castle Hill Hospital, Hull	Hafiz Qureshi	Leicester Royal Infirmary, Leicester
Sean Bennett	Castle Hill Hospital, Hull	Niels Rahe-Meyer	Hannover, Germany
Robert Bonser	University Hospital Birmingham	Marco Ranucci	Milan, Italy
Ravi Gill	University Hospital Southampton	Colin Roysse	University Hospital Melbourne, Australia
Klaus Görlinger	Essen, Germany	David Royston	Harefield Hospital, London
Chris Harvey	Glenfield Hospital, Leicester	Cristina Solomon	Salzburger Landeskliniken SALK
Andrea Kelleher	Royal Brompton Hospital, London		



## 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

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# ACTA Echo 2011: Echocardiography in Critical Care

Thursday 17th November 2011

Five CPD credits and Five Echo Re-accreditation points

08:00 Registration/Coffee/Tea/Trade Exhibition

## Session 1: Echocardiography in the Intensive Care Unit

Chairmen: Ravi Hebballi, Nick Fletcher

08:45	Welcome Address	Ravi Hebballi
09:00	Echo in Intensive Care Medicine - Where did it all start? Where are we now? Where are we going to?	Justiaan Swanevelder
09:30	"Critical Care Echo - My best hits!" Case presentations: Johan Bence, Bettina Jungwirth, Navroz Masani, Colin Royse, Michael Schupp	
10:30	Echo in Resuscitation – How do we FEEL, How is it different and what is WINFOCUS?	Susanna Price
11:00	Coffee/Tea and Trade Exhibition	

## Session 2: Emergency Echo - How to do it?

Chairpersons: Susanna Price, Donna Greenhalgh

11:30	The critically ill patient, introducing shock ultrasound	Craig Morris
12:00	Emergency Echocardiography – New guidelines/recommendations from European Association of Echocardiography	Aleksandar Neskovic
12:30	The "HART Scan" – Developing a Perioperative Echo Training Programme	Colin Royse
13:00	Lunch/Trade Exhibition	

## Session 3: Emergency Echo - The Way Forward

Chairmen: Derek Chin, Justiaan Swanevelder

14:00	Lessons learnt from the ACTA/BSE TOE Accreditation Process	John Kneeshaw
14:15	BSE Perspective	Navroz Masani, President BSE
	ICM perspective	Nicola Jones, ACTA/ICS Representative
14:35	Panel Discussion - Navroz Masani, Susanna Price, Colin Royse, Craig Morris, Nick Fletcher, John Kneeshaw, Nicola Jones, Aleksandar Neskovic, Marco Ranucci	
15:00	Coffee/Tea/Trade Exhibition	

## Session 4: Workshops (4 parallel workshops - 120 min each, choose any one)

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

## Faculty

Johan Bence	Glenfield Hospital, Leicester	Akos Marko	Sheffield Northern General Hospital
Derek Chin	Glenfield Hospital, Leicester	Nick Morgan-Hughes	Sheffield Northern General Hospital
Khazeh Fananapazir	Glenfield Hospital, Leicester	Craig Morris	Derby General Hospital, Derby
Nick Fletcher	St George's Hospital, London	Aleksandar Neskovic	Belgrade, Serbia
Atul Gaur	Glenfield Hospital, Leicester	(European Association of Echocardiography Council)	
Donna Greenhalgh	Wythenshawe Hospital, Manchester	Susanna Price	Royal Brompton Hospital, London
Nick Harvey	Glenfield Hospital, Leicester	Marco Ranucci	Milan, Italy
Ravi Hebballi	Glenfield Hospital, Leicester	Adriaan Van Rensburg	Toronto General Hospital
Nicola Jones	Royal Brompton Hospital, London	Andrew Roscoe	Toronto General Hospital
Bettina Jungwirth	Munich, Germany	Colin Royse	University Hospital Melbourne, Australia
John Kneeshaw	Papworth Hospital, Cambridge	Michael Schupp	Glenfield Hospital, Leicester
Ranjit Leanlage	Manchester Children's Hospital	Justiaan Swanevelder	Glenfield Hospital, Leicester
Navroz Masani	University Hospital Cardiff	Susan Wright	UCL Heart Hospital, London

(President, British Society of Echocardiography)

# 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 Johan Bence
- 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 Bernhard Riedel  
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 Royce
- 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  
Glenfield Hospital, Leicester  
Glenfield Hospital, Leicester  
Glenfield Hospital, Leicester  
Glenfield Hospital, Leicester  
Leeds Royal Infirmary, Leeds  
University Hospital Southampton  
Glenfield Hospital, Leicester

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

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

# GENERAL INFORMATION

## VENUE

Holywell Park, Loughborough University, Loughborough, Leicestershire, LE11 3GR.  
Tel: 01509 635600 Website: [www.welcometoimago.com](http://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](http://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](http://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.

# ACTA 2011

## REGISTRATION FORM

Title (Please Tick)	Professor <input type="radio"/>	Dr <input type="radio"/>	Mr <input type="radio"/>	Mrs <input type="radio"/>	Miss <input type="radio"/>	Ms <input type="radio"/>
First name:				Surname:		
Hospital:				Job title:		
Email:				Telephone:		

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):

	Registration before 14th October 2011			Registration after 15th October 2011		
	Any one day	Any two days	All three days	Any one day	Any two days	All three days
Consultants	£125 <input type="radio"/>	£200 <input type="radio"/>	£275 <input type="radio"/>	£150 <input type="radio"/>	£225 <input type="radio"/>	£300 <input type="radio"/>
Trainees	£100 <input type="radio"/>	£150 <input type="radio"/>	£200 <input type="radio"/>	£125 <input type="radio"/>	£175 <input type="radio"/>	£225 <input type="radio"/>
Non-medical staff	£75 <input type="radio"/>	£100 <input type="radio"/>	£150 <input type="radio"/>	£100 <input type="radio"/>	£125 <input type="radio"/>	£175 <input type="radio"/>
ACTA dinner (17th Nov 2011)	£40 <input type="radio"/>	<b>TOTAL PAYMENT DUE</b>		£		

## 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:

Credit card (Please Tick):	Visa <input type="radio"/>	Mastercard <input type="radio"/>	Maestro <input type="radio"/>
please note that American Express is not accepted			
Card number:			Issue number: If applicable
Expiry date:			Security code: Last 3 digits on Signature Strip
Name on card:			

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:

Meeting(s)	Workshop(s)	Please tick
Thursday 17th November <b>ACTA Echo Meeting</b>	You can attend any one workshop. (Limited places available in each group, first come first serve bases) A. Cardiac anatomy wet lab B. Ultrasound in ITU / FATE / FAST C. TOE simulator, TTE simulator, interesting cases D. Mock ICU Echo Exam	Mark your order of preference 1 to 4
Friday 18th November <b>ACTA Autumn Meeting</b>	Lung Isolation workshop (limited places available, first come first served basis)	

Your contact details will be kept for future use so that we can send you information about Millbrook's future events and courses.

If you would rather we removed your details from our database please put a tick in the box.

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 550098 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.