

# Preliminary programme

15<sup>th</sup> - 17<sup>th</sup> September, 2013 - London

## **Editorial**





The 4th edition of PCR London Valves will take place in London on September 15th-17th 2013. Once more the location will be iconic, in the heart of London, at The Queen Elizabeth II Conference Centre opposite Big Ben and Westminster Cathedral.

As in the previous years, the meeting will be a practical course built by and for 'Heart Teams' with interest in valvular heart disease interventions. The

Main arena will be exclusively dedicated to LIVE demonstrations and case discussions with no lectures other than a state-of-the art overview at the end of the first day. The main theme of this year's meeting will be a demonstration of ALL of the available TAVI devices live! We hope you share our excitement to experience these newest developments which will make this course an unique experience. The 3 live centres who will deliver these technologies are St Thomas' Hospital in London, Bern University Hospital, Bern, Switzerland and St. Georg Hospital, Hamburg, Germany.

Much of the meeting has been built by you, the participants, with the "call for" submission of clinical cases and abstracts. These cases and abstracts will be presented in a dedicated room and once more the top scoring submissions will be highlighted in the Main auditorium. Many cases will also be discussed in the informal setting of the 'Interactive Case Corner'.

The second largest room will be dedicated to more didactic sessions. However significant elements of time have been dedicated to each session for interactive discussion. This interactive element remains the core of PCR London Valves and all PCR courses. Topics discussed in this room will include patient selection for TAVI, paravalvular aortic regurgitation after TAVI, transcatheter therapies for mitral regurgitation, new devices in the treatment of both aortic and mitral valvular heart disease, stroke and TAVI, the continued

role of the transapical approach to TAVI, the latest randomised and registry data and economic and regulatory challenges in introducing these new technologies. Moreover, a dedicated session on Innovative technologies will highlight the future directions of transcatheter heart valve technologies.

A specific room will be dedicated to educative sessions, developped by PCR. This will include 'Learning' sessions on TAVI, transseptal techniques and transcatheter interventions for both mitral stenosis and mitral regurgitation. In addition there will be 'Learning pathways' sessions on valve-in-valve therapies and transcatheter treatment of mitral regurgitation.

We would like to thank our industry colleagues for their continued support of the meeting. There will be more than 6 industry sponsored sessions featuring all of the new technologies. There will also be a number of smaller rooms allowing the participants to have 'hands on' experience of the new devices.

Finally we would like to reiterate the 'spirit' of the meeting. This is a practical course designed by and for you. We would encourage all members of the Heart Team to attend. We would like you all to express yourself during the meeting so that we can learn from each other's experience. This is a rapidly developing field and we only can benefit from mutual exchange of experience and knowledge.

We look forward to meeting you all in the Heart of London in September.

Best wishes

Martyn Thomas
Co-chairman of PCR London Valves

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Stephan Windecker Co-Chairman of PCR London Valves President-Elect EAPCI

### **Editorial**



It is with great pleasure that I welcome you to the 4th edition of PCR London Valves, an official meeting of the EAPCI, the European Association of Percutaneous Cardiovascular Interventions, a registered branch of the ESC.

Once again, this year's edition promises to be a great success and I trust will meet the attendees' expectations. The programme has been carefully created by our two talented co-chairmen Martyn Thomas and Stephan Windecker, with the help of the Board members and the very active participation of the FAPCI

You will discover PCR London Valves 2013 to be comprehensive and well balanced with the programme weaving together Information, Innovation and Education.

- Information, with the presentation of new data and abstracts discussed throughout the two days of the meeting.
- ➤ Innovation, with the new "Device Parade" sessions on Monday.
- Education, with promising and informative live case transmissions from St Thomas' Hospital, London, UK, Asklepios Klinik St. Georg, Hamburg, Germany and Bern University Hospital, Bern, Switzerland.

In a friendly and relaxed environment that is one of the foundations of this meeting - practical, with a large number of clinical cases presented throughout the two days of our stay in London - the participants will have the unique opportunity of sharing their own experiences and addressing their main concerns. As always, there will be an open exchange between the participants and the key opinion leaders from the Heart Team.

Interactivity, exchange, sharing experience, all hallmarks of the PCR Family meetings, will contribute to the overall open-minded spirit of PCR London Valves 2013.

As EAPCI President, I am convinced that this meeting – innovative, informative and educative – will be of great value to you and I look forward to seeing you in London the 15th–17th of September 2013.

Jean Fajadet President of EAPCI







# Board members

Course Directors



Martyn Thomas United Kingdom

Course Co-Directors



**Jeroen Bax** Netherlands



Jean Fajadet
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FAPCI



**Volkmar Falk** Switzerland



**Olaf Franzen** Denmark



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Mark Monaghan United Kingdom



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**Simon Redwood**United Kingdom



Carlos Ruiz United States



Alec Vahanian France



John Webb Canada



**Olaf Wendler** United Kingdom

# Board members

### Programme Committee Members



Vinayak Bapat United Kingdom



**Jonathan Byrne** United Kingdom



Ranjit Deshpande United Kingdom



Jane Hancock United Kingdom



**Axel Linke** Germany



Philip MacCarthy United Kingdom



Bernard Prendergast United Kingdom



Christopher Young United Kingdom

# Submit now and become a speaker at PCR London Valves!



### Call for abstracts/registries

Share your abstract/registry on the modalities of valve treatments. Selected submissions will be included for oral presentation.

Deadline for submitting: Monday 20th May, 2013

### Call for clinical cases - including complications

Send in your most interesting clinical cases, your most educational complication, your best tips & tricks! Selected presentations will be included in a traditional Forum session or in the popular Interactive Case Corner.

Deadline for submitting: Monday 20th May, 2013

### Call for innovation - for industry

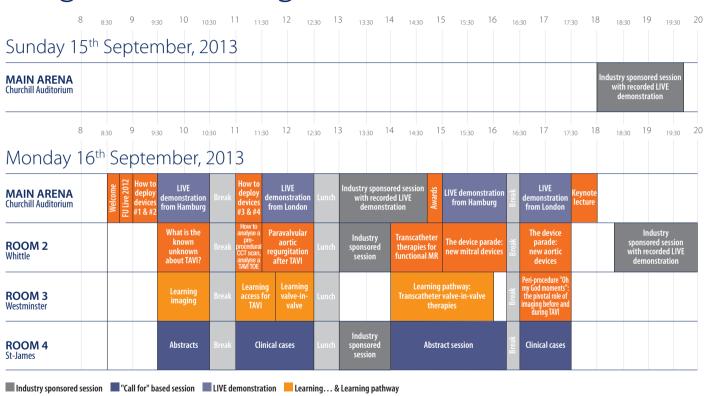
Have you developed innovative technologies (pre-clinical phase and first in man studies)? You will certainly want to be part of the Innovation session at PCR London Valves.

Deadline for submitting: Monday 20th May, 2013

Submit now at www.pcrlondonvalves.com



# Programme at-a-glance



# Programme at-a-glance



Sunday 15<sup>th</sup> September, 2013

MAIN ARENA - CHURCHILL AUDITORIUM

18:00-19:40	Tools & Techniques (TNT
TAVI: a predictable procedure with an unrestricted educational g LIFESCIENCES	•

- Attend this session if you want:
- > To understand of the ultimate goal of aortic stenosis treatment
- To understand how valve science provides for predictable procedures and outcomes
- > To understand how TAVI outcomes have demonstrated longer term patient benefits

### Monday 16<sup>th</sup> September, 2013

MAIN ARENA - CHURCHILL AUD	HORIUM
Opening sessions	
08:30-08:45	
Welcome address	
08:45-09:00	
Follow-up from LIVE cases 2012	
09:00-09:30	Plenary session
How to deploy the Medtronic Cor	evalve system and the
JenaValve TAVI system	•
Attend this session if you want:	
To develop the skills to deploy the	Modtronic Corovalvo system
<ul> <li>To develop the skills to deploy the</li> </ul>	
To develop the skills to deploy the	Jenavaive iAvi system
09:30-10:30	LIVE demonstration
LIVE demonstration from Asklepi	os Klinik St. Georg.
Hamburg, Germany	,

Lľ

> To be exposed to the latest Medtronic Corevalve Advance study

data

Monday 16 <sup>th</sup> September, 20	013 - Main Arena - Churchill auditorium	14:45-15:00	
11:00-11:30	Plenary session	Presentation of 2013 awards Awards given to the most educe tips & tricks, selected from the P	ational abstract, complication and
the Direct Flow Medical TA	Medical Portico TAVI device and VI device	submissions	
Attend this session if you very To develop the skills to de	want: ploy the St Jude Medical Portico TAVI	15:05-16:15	LIVE demonstration
<ul><li>device</li><li>To develop the skills to a device</li></ul>	leploy the Direct Flow Medical TAVI	LIVE demonstration from Cer Hamburg, Germany	ntre Asklepios Klinik St. Georg,
		16:30-17:25	LIVE demonstration
11:30-12:30	LIVE demonstration	LIVE demonstration from St 7	Thomas' Hospital, London, UK
LIVE demonstration from S	St Thomas' Hospital, London, UK		
		17:30-18:00	Plenary session
13:00-14:40	Tools & Techniques (TNT)	Keynote lecture	
	the Medtronic transcatheter valve		
with an unrestricted educati	onal grant from MEDTRONIC	ROOM 2 - WHITTLE	
Attend this session if you	vant:	09:30-10:30	Plenary session
	w generation transcatheter valve and	What is the known unknown	about TAVI?
delivery system platforms		Attend this session if you wa	nt:
To discover Medtronic's TA	VI recapturable technology	To define the ricks and hand	fits of performing TAVI in nations

- To define the risks and benefits of performing TAVI in patients with important other diseases such as mitral regurgitation, coronary artery disease, pulmonary disease and poor LV function
- > To learn whether TAVI can be successful in aortic regurgitation

Monday 16 <sup>th</sup> September, 2013 - Room 2 - Whittle	13:00-14:00	60 minutes inside
11:00-11:30Plenary session  How to analyse a TAVI pre-procedural CT scan and a TAVI	The value of MitraClip in a chan regurgitation treatment With an unrestricted educational s	
transoes ophageal echocardiography?	Attend this session if you want:	
Attend this session if you want:  To master the tips of pre-TAVI CT scan analysis  To master the tips of 2D and 3D transoesophageal echocardiography analysis for TAVI	<ul> <li>To understand the MitraClip tecl</li> <li>To learn procedural efficiency ar</li> <li>To recognise the clinical benefit moment</li> </ul>	nd outcomes from experts
11:35-12:30Plenary session	14:05-15:00	Plenary session
Paravalvular aortic regurgitation after TAVI	Transcatheter therapies for fund	ctional mitral regurgitation
Attend this session if you want:	Attend this session if you want:	
→ To learn how to assess paravalvular aortic regurgitation after TAVI	To understand the rationale regurgitation	for treating functional mitral
<ul> <li>To understand the clinical consequences of paravalvular aortic regurgitation</li> </ul>	To learn about the transcath techniques	eter leaflet and annuloplasty
<ul> <li>To identify the mechanisms of paravalvular aortic regurgitation and the treatment options</li> </ul>	<ul> <li>To identify whether transcathet ultimately replace all other technical</li> </ul>	•
	15:05-16:15	Plenary session
	The device parade: new aortic o	devices

Attend this session if you want:

designed for aortic valve intervention

▶ To learn about new developments in transcatheter devices

... Monday 16<sup>th</sup> September, 2013 - Room 2 - Whittle

\_\_\_\_ 16:30-17:25 \_\_\_\_\_\_Plenary session

### The device parade: new mitral devices

#### Attend this session if you want:

> To learn about new developments in transcatheter devices designed for mitral valve intervention

\_\_\_\_ 18:20-20:00 \_\_\_\_\_\_\_Tools & Techniques (TNT)

#### Early, current and future clinical experience with the Lotus™ Valve System\*

With an unrestricted educational grant from BOSTON SCIENTIFIC

#### Attend this session if you want:

- ➤ To see the live implantation technique of the novel Lotus<sup>™</sup> Valve System
- To understand the latest breaking clinical data from the REPRISE land II clinical trials and the future clinical programme
- > To learn the technical considerations of the Lotus™ Valve System implant and patient selection

#### **ROOM 3 - WESTMINSTER**

\_\_ 09:30-10:30 \_\_\_\_\_



### **Learning imaging**

How to image patients before, during and after TAVI

#### Attend this session if you want:

To find out what forms of imaging modality are required before, during and after the TAVI procedure

\_\_\_ 11:00-11:45 \_\_\_\_\_

#### Learning access for TAVI

How to gain access and closure for TAVI

#### Attend this session if you want:

> To review the techniques to gain access and closure for TAVI

\_\_\_ 11:45-12:30 \_\_\_

### Learning valve-in-valve How to implant valve-in-aortic valve

#### Attend this session if you want:

To master the tips and tricks of valve size selection and specific deployment techniques for the TAVI valve-in-valve procedure

<sup>\*</sup>The Lotus™ Valve System is pending CE mark, not for sale.

... Monday 16th September, 2013 - Room 3 - Wesminster

14:00-16:00 Learning pathway

### Transcatheter valve-in valve therapies

#### Attend this session if you want:

- To learn the State of the Art in valve-in-valve treatment
- To master the practical tips and tricks of the valve-in-valve procedure
- To discuss how to manage difficult clinical situations in patients with a failing aortic bioprosthesis

16:30-17:25 Plenary se	ssio	n
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#### 'Oh my God moments': the pivotal role of imaging before and during the TAVI procedure

#### Attend this session if you want:

To review the role of imaging in peri-procedural decision making and in managing complications of the TAVI procedure

#### ROOM 4 - ST-JAMES

### Call-for based sessions

\_\_\_09:30-10:30

#### Abstracts

Session comprising selected PCR London Valves 2013 abstract submissions

\_\_\_ 11:00-12:30 \_\_\_\_

#### Cases

Session comprising selected PCR London Valves 2013 clinical case submissions

13:00-14:00 60 minutes inside

#### Real world outcomes of a 2nd generation TAVI device and future prospects

With an unrestricted educational grant from JENAVALVE

#### Attend this session if you want:

- To learn about the latest real world results of 2nd generation TAVI device
- > To get information how patient suffering of pure aortic regurgitation could benefit from 2nd generation TAVI devices
- > To have insights into the development of the transfemoral JenaValve TAVI device

... Monday 16th September, 2013 - Room 4 - St-James

### Call-for based sessions

14:05-15:00

#### **Abstracts**

Session comprising selected PCR London Valves 2013 abstract submissions

\_\_ 15:05-16:15 \_\_\_

#### Cases

Session comprising selected PCR London Valves 2013 clinical case submissions

### Tuesday 17<sup>th</sup> September, 2013

#### MAIN ARENA - CHURCHILL AUDITORIUM

08:00-09:25 LIVE demonstration

### LIVE demonstration from Bern University Hospital, Bern, Switzerland

\_\_ 09:30-10:30 \_\_\_\_\_\_Forum

### Clinical tips and tricks, complications and the best abstract presentation

#### Attend this session if you want:

- To be exposed to the highest abstract, clinical tips and tricks and complication case submitted to PCR London Valves 2013
- To learn from the experience of other high scoring submissions with regard to 'tips and tricks' and complication management

11:00-11:30 Plenary sess
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### How to deploy the Edwards SAPIEN 3 Transcatheter Heart Valve and the Boston Scientific Lotus™ Valve System\*

#### Attend this session if you want:

- To develop the skills to deploy the Edwards SAPIEN 3 Transcatheter Heart Valve
- > To develop the skills to deploy the Lotus™ Valve System\*

<sup>\*</sup>The Lotus  $^{\mathrm{TM}}$  Valve System is pending CE mark, not for sale

Tuesday 17 <sup>th</sup> September, 2013 - Ma	ain Arena - Churchill auditorium	16:05-16:45	Plenary session
11:30-12:30	LIVE demonstration	Pearls from the experts: if I co they would be	ould give you my 3 critical tips
LIVE demonstration from St Thor	mas' Hospital, London, UK	Attend this session if you war	nt:
13:00-14:40	Tools & Techniques (TNT)	To acquire tips and tricks on t Masters in the field	ranscatheter valve therapies from
Advancing TAVI system design a	3	Closing	
clinical use and patient outcome With an unrestricted educational ga		16:45-17:00	
Attend this session if you want:		Wrap-up of PCR London Valv	ves 2013
To understand the evolution in TA for patient approach and outcom	•	tions	
To see cases and understand ho		ROOM 2 - WHITTLE	
mitigate some of the issues with:  To learn about the combined clin		08:00-09:00	Plenary session
		Stroke and TAVI	,
14:45-16:00		Attend this session if you war	nt:
LIVE demonstration from Bern U Switzerland	niversity Hospital, Bern,	To understand the mechanism	

To review the data supporting the use of filtration and

deflection devices in preventing stroke during TAVI

during TAVI

Tuesday 17 <sup>th</sup> September, 2013 - Re	oom 2 - Wittle	13:00-14:00	60 minutes inside
09:05-09:55 The transapical approach: is there a		<b>Direct Flow Medical Transcathe</b> With an unrestricted educational of MEDICAL	
Attend this session if you want: To understand the current role of transcatheter valve interventions To learn how to deal with complicat To understand the potential future approach in valvular and aortic inter	the TA approach in current ons with the TA approach ure indications of the TA	Attend this session if you want:  To understand the Direct Flow N  To review the results of the Disco  To understand the implications of	Medical Valve technology over Trial of aortic regurgitation after TAVI
10:00-10:30 How to deploy the Symetis ACURAT how to deploy deflection and filtrat Attend this session if you want: > To develop the skills to deploy the	E ™TAVI devices and iion devices	An update on TAVI data  Attend this session if you want:  To learn the latest TAVI data from  To appreciate the value of TAVI d  To be informed of future and pla	n randomised clinical trials lata from registries
devices To develop the skills to deploy cereb	ral protection systems	15:05-16:15 How will TAVI develop in variou current economic and regulator	s environments given the
Innovation session Session comprising selected PCR Lond Valves 2013 innovation submissions	<b>CV</b> PIPELINE	Attend this session if you want:  To understand the various TAVI pathe word  To learn how TAVI cost effectives.	penetrations in different parts of

To learn how TAVI cost-effectiveness is measured

▶ To review the potential mechanisms of New technology introduction of TAVI in various health care environments

#### **ROOM 3 - WESTMINSTER**

\_\_\_ 08:00-09:30 \_\_\_\_\_



### Learning transseptal puncture Transseptal puncture made easy

#### Attend this session if you want:

> To master the tips and tricks of transeptal puncture for various transcatheter valve procedures

09:30-10:30

#### Learning mitral balloon valvuloplasty Mitral balloon valvuloplasty made easy

#### Attend this session if you want:

- To review the basic principles and patient selection for mitral balloon valvuloplasty
- To better understand how to successfully perform a transseptal puncture followed by mitral balloon valvuloplasty
- > To find out how to overcome or manage the most frequent issues

\_\_\_ 11:00-12:30 \_\_\_\_\_

### Learning transcatheter interventions for mitral regurgitation

#### Attend this session if you want:

▶ To master the tips and tricks of transcatheter interventions for mitral regurgitation

\_\_\_ 14:00-16:15 \_\_\_\_\_\_Learning pathway

#### Transcatheter therapies for mitral regurgitation

#### Attend this session if you want:

- To learn the State of the Art for transcatheter therapies
- > To master the practical tips and tricks of the valve-in-valve procedure for a failing mitral bioprosthesis
- To discuss how to manage difficult clinical situations in patients with a failing bioprosthesis or high risk mitral regurgitation patient

#### **ROOM 4 - ST-JAMES**

07:10-07:55Symposiu
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# Percutaneous treatment of functional mitral regurgitation patients with the Mitralign annuloplasty system With an unrestricted educational arant from MITRALIGN

#### Attend this session if you want:

- To understand how to perform a percutaneous mitral annuloplasty
- > To understand how the Mitralign system can be used as a first line defense for mitral repair
- ▶ To see a novel approach to treating functional mitral regurgitation

... Tuesday 17th September, 2013 - Room 4 - St-James

### Call-for based sessions

\_\_\_ 08:00-08:55 \_\_\_\_\_

#### Abstracts

Session comprising selected PCR London Valves 2013 abstract submissions

\_\_ 09:00-10:30 \_\_\_\_

#### Cases

Session comprising selected PCR London Valves 2013 clinical case submissions

\_\_\_ 11:00-12:30 \_\_\_\_\_

#### Cases

Session comprising selected PCR London Valves 2013 clinical case submissions

# General information

#### Course date

Sunday 15th September, 2013 - 18:00-20:00 Monday 16th September, 2013 - 8:30-20:00 Tuesday 17th September, 2013 - 7:10-17:00

### Course venue

Queen Elizabeth II Conference Centre Broad Sanctuary, Westminster London SW1P 3EE United Kingdom www.qeiicc.co.uk

### Official language

The official language of the Course is English.

### Registration - OPEN!

It's time to register as an individual or a heart team. Registration includes access to all scientific sessions and the exhibition area. Full details are available on our website.

### Housing - OPEN!

Reserve a room in just a few clicks. Simply enter the dates you wish to stay and choose a hotel. Full details are available on our website.

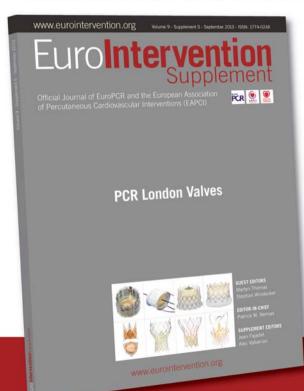
#### Invitation letter

Upon request, we shall provide a letter of invitation to facilitate travel and visa arrangements. More information on the website.

Visit www.pcrlondonvalves.com

# EuroIntervention

Official Journal of EuroPCR and the European Association of Percutaneous Cardiovascular Interventions (EAPCI)



Released and distributed at the upcoming PCR London Valves meeting in September 2013













21st-24<sup>th</sup> May, 2013 Paris







15<sup>th</sup>-17<sup>th</sup> September, 2013 London



**7**<sup>th</sup>-**8**<sup>th</sup> **November, 2013** Singapore



12<sup>th</sup>-13<sup>th</sup> December, 2013 Dubai



16<sup>th</sup>-18<sup>th</sup> January, 2014 Singapore



20<sup>th</sup>-22<sup>nd</sup> February, 2014 Berlin



2014 - Stay tuned



All year long