



UMC Utrecht  
Wilhelmina Children's Hospital



Invitation symposium

# The 4<sup>th</sup> 'Utrecht Sessions' for Congenital Heart Disease

Advanced Neonatal Imaging and  
Intervention in Small Left Sided Structures

26<sup>th</sup> - 28<sup>th</sup> of January, 2017  
Wilhelmina Children's Hospital

University Medical Center Utrecht





Dear colleagues,

For 2017 we would like to invite you to the 4<sup>th</sup> 'The Utrecht Sessions' for Congenital Heart Disease, which will take place on January 26<sup>th</sup> – 28<sup>th</sup>, 2017 at the Wilhelmina Children's Hospital/UMC Utrecht in Utrecht, The Netherlands.

At this year's Symposium we would like to provide an overview of the current standards and discuss possible future developments – both surgical and interventional – for neonates with small left sided structures, ranging from Coarctation to Hypoplastic Left Heart Syndrome.

The two-day International Symposium on January 27<sup>th</sup> and 28<sup>th</sup> will again bring together clinical and research experts from The Netherlands, Europe and Canada to present an exciting and innovative programme. Their contributions will lead us into the fascinating and highly complex world of the Left Sided Heart and reflect on comprehensive treatment strategies. We are already looking forward to stimulating lectures and interactive discussions. Discussion will again have a special place, to encourage interaction between the participants and the speakers and chairpersons. A satellite symposium in Dutch language will be organized on Thursday January 26<sup>th</sup>, intended for local health care providers and partners in the field of pediatric cardiac care.

**The main topics will be:**

- Basic Morphology
- Fetal Imaging and Interventions in Critical Left Heart Lesions
- Balloon versus Surgical Options in Critical Left Heart Lesions
- Neonatal CMR and CT for Bi- versus Univentricular Strategy
- Surgical Algorithm for biventricular versus univentricular?
- Biventricular Repair of Hypoplastic Left Heart Complex
- The Mitral Valve in Hypoplastic Left Heart Complex: Indicator or Dominator
- Hybrid Approach as Bridge to Biventricular Repair in Hypoplastic Left Heart Syndrome
- Surgical Stage I in Hypoplastic Left Heart Syndrome

To complement the scientific programme there will be a Social Dinner on January 27<sup>th</sup>, 2017.

Looking forward to seeing you on January 26<sup>th</sup>, 27<sup>th</sup> and 28<sup>th</sup>, 2017!

*Gabriëlle van Iperen, Felix Haas, Heynric Grotenhuis, Gregor Krings*

# Programme

Donderdag 26 januari 2017

12.00 - 13.00      Inschrijving en koffie

**Moderator: Gabriëlle van Iperen & Bert Lunshof**

13.00 - 13.10      Welkom door hoofd kindergeneeskunde      *Edward Nieuwenhuis*

13.10 - 13.40      Het spectrum van linker hartafwijkingen      *Christian Blank*

13.40 - 14.10      Fetal imaging van het linker hart      *Henriëtte ter Heide*

14.10 - 14.25      De ouder van een coarctatio post-partum      *ouders*

14.25 - 14.55      De verwijzer van een coarctatio post-partum      *Wim Avis*

14.55 - 15.00      Discussie

15.00 - 15.30      Thee pauze

**Moderator: Jildau Mensink & Hans Breur**

15.30 - 15.55      Imaging van het neonatale linker hart: van echo tot HC      *Rolf Berger*

15.55 - 16.20      Chirurgie van linker hartafwijkingen      *Jola Evens*

16.20 - 16.45      Interventie van linker hartafwijkingen      *Mirella Molenschot*

16.45 - 17.10      Postoperatieve zorg en cardiologische outcome      *Christian Schröer*

17.10 - 17.35      De WKZ begeleiding: samen oud worden      *Nathalie Claessens*

17.35 - 18.00      De ouder van een HLHS the day after      *ouders*

18.00      Sluiting      *Gabriëlle van Iperen*

18.10 - 19.00      Borrel

Child health, science for life 

The Child Health Program of the UMC Utrecht is an integrated framework for child-centered interdisciplinary research, aligning patients, clinicians, investigators and resources, so that we can lead by filling significant gaps to improve the lives of children during childhood and thereafter.

[www.umcutrecht.nl/en/Research/Research-programs/Child-Health-science-for-life](http://www.umcutrecht.nl/en/Research/Research-programs/Child-Health-science-for-life)

# Friday January 27<sup>th</sup>, 2017

08.30 - 09.00	Registration and coffee	
<b>Chairmen:</b>	<b>Annika Öhman &amp; Rolf Berger</b>	
09.00 - 09.10	Welcome : chairman executive board UMCU	<i>Margriet Schneider</i>
09.10 - 09.30	Introduction : Children's Heart Center Utrecht	<i>Gabriëlle Iperen</i> <i>Felix Haas</i>
09.30 - 10.00	Morphology of small left sided structures	<i>Monique Jongbloed</i>
10.00 - 10.30	Fetal imaging in critical left heart lesions	<i>Gurleen Sharland</i>
10.30 - 11.00	Fetal cardiac interventions in critical left heart lesions - rationale, risks and benefits	<i>Ronald Gitter</i>
11.00 - 11.30	Coffee	
<b>Chairmen:</b>	<b>Betrijs Bartelds &amp; Ronald Gitter</b>	
11.30 - 12.00	Balloon dilatation in critical aortic valve stenosis, trending or fading?	<i>Shakeel Qureshi</i>
12.00 - 12.30	Surgical options in critical aortic valve stenosis (including neonatal Ross)	<i>Paul Schoof</i>
12.30 - 13.30	Meet, greet and eat	
<b>Chairmen:</b>	<b>Tim Leiner &amp; Shakeel Qureshi</b>	
13.30 - 14.00	Echocardiography versus advanced imaging: what's best to use when?	<i>Heynric Grotenhuis</i>
14.00 - 14.30	Value of 4D imaging in aortic pathology	<i>Francesca Pluchinotta</i>
<b>Pro-Con:</b>	<b>Mark Gewillig &amp; Vivek Muthurangu</b>	
14.30 - 14.45	Coarctectomy is sufficient, the arch will grow!	<i>Tjark Ebels</i>
14.45 - 15.00	Resect the coarctation and extend the arch!	<i>Glen Van Arsdell</i>
15.00 - 15.30	Tea	
<b>Chairmen:</b>	<b>Derize Boshoff &amp; Felix Haas</b>	
15.30 - 16.00	Percutaneous treatment of coarctation: bailout or concept?	<i>Gregor Krings</i>
16.00 - 16.30	Neuro-cardiac interaction in the CHD neonate with critical left heart lesions	<i>Manon Benders</i>
16.30 - 17.30	Panel discussion of 2 cases, what to do best? 5 min presentation, 15 min discussion per case	<i>Glen Van Arsdell</i> <i>Shakeel Qureshi</i> <i>Vivek Muthurangu</i> <i>Francesca Pluchinotta</i> <i>Gregor Krings</i>
17.30	Closure	
19.00	Social Dinner at Sterrenwacht	

# Saturday January 28<sup>th</sup>, 2017

## **Chairmen: Gurleen Sharland & Glen Van Arsdell**

09.00 - 9.30	Morphological spectrum of borderline left sided structures	<i>Monique Jongbloed</i>
09.30 - 10.00	Fetal indices to discriminate uni-versus-biventricular options in HLHC	<i>Annika Öhman</i>
10.00 - 10.30	The mitral valve in HLHC: indicator or dominator	<i>Nico Blom</i>
10.30 - 11.00	Coffee	

## **Chairmen: Tjark Ebels & Mark Gewillig**

11.00 - 11.30	Non-invasive algorithm for HLHC	<i>Luc Mertens</i>
11.30 - 12.00	Neonatal noninvasive (CMR/CT) for uni-versus-biventricular strategy	<i>Vivek Muthurangu</i>
12.00 - 12.30	Algorithm for uni-versus-biventricular repair of HLHC	<i>Glen Van Arsdell</i>
12.30 - 13.30	Meet, greet and eat	

## **Chairmen: Luc Mertens & Nico Blom**

13.30 - 14.00	Hybrid approach as bridge to biventricular repair in HLHC	<i>Mark Gewillig</i>
14.00 - 14.30	Surgical stage I in HLHS	<i>Felix Haas</i>
14.30 - 15.00	Panel discussion of 3 cases, what to do best? I blew it versus heroism..	<i>Derize Boshoff</i> <i>Glen Van Arsdell</i> <i>Felix Haas</i> <i>Vivek Muthurangu</i>

## Faculty

Glen Van Arsdell, Toronto	Tjark Ebels, Groningen	Tim Leiner, Utrecht
Wim Avis, Apeldoorn	Jola Evens, Utrecht	Luc Mertens, Toronto
Beatrijs Bartelds, Rotterdam	Mark Gewillig, Leuven	Mirella Molenschot, Utrecht
Manon Benders, Utrecht	Ronald Gitter, Linz	Vivek Mathurangu, London
Rolf Berger, Groningen	Heynric Grotenhuis, Utrecht	Annika Öhman, Göteborg
Christian Blank, Utrecht	Felix Haas, Utrecht	Francesca Pluchinotta, Milan
Nico Blom, Leiden	Henriëtte ter Heide, Utrecht	Shakeel Qureshi, London
Derize Boshoff, Genk	Gabriëlle van Iperen, Utrecht	Paul Schoof, Utrecht
Hans Breur, Utrecht	Monique Jongbloed, Leiden	Christian Schröer, Veldhoven
Nathalie Claessens, Utrecht	Gregor Krings, Utrecht	Gurleen Sharland, London





## Organisation

Gabriëlle van Iperen, Pediatric Cardiology, Head Pediatric Cardiology  
Felix Haas, Professor of Congenital Thoracic Surgery  
Heynric Grotenhuis, Pediatric Cardiologist  
Gregor Krings, Pediatric Interventional Cardiologist, Head Cathlab  
Sylvia van Zuilen, Coordinating secretary, WKZ Pediatric Cardiology  
University Medical Center Utrecht

## Location Symposium

University Medical Center Utrecht  
Lecture Hall: "Blauwe/Roze Collegezaal"  
Heidelberglaan 100, 3584 EA Utrecht, The Netherlands

## Conference-Fee

Physician	€ 250,- (€ 300,- after December 1 <sup>st</sup> 2016)
Fellow	€ 150,- (€ 200,- after December 1 <sup>st</sup> 2016)
Non-Physician	Thursday € 50,-    Friday/Saturday € 75,-
Parents	Thursday € 25,-    Friday/Saturday € 50,-

## Registration

Participants can register via the online registration form on the website.

## Social Dinner

€ 65,- (registration required)

## Website

[www.utrechtssessions.nl](http://www.utrechtssessions.nl)

## Accreditation

EBAC accreditation has been applied for.

## More information?

Sylvia van Zuilen, [symposium@umcutrecht.nl](mailto:symposium@umcutrecht.nl)

Visiting address:  
Lundlaan 6  
3584 EA UTRECHT  
The Netherlands

Postal address:  
Postbus 85090  
3508 AB UTRECHT  
The Netherlands

[www.umcutrecht.nl](http://www.umcutrecht.nl)  
T. +31 (0)88 75 546 90