

7<sup>th</sup> 'Utrecht Sessions' on  
congenital heart disease:

# Aortic Anomalies

February 7<sup>th</sup> - 8<sup>th</sup>, 2020

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



**UMC Utrecht**  
Wilhelmina Children's Hospital

Dear colleagues,

We would like to invite you to our 7<sup>th</sup> 'Utrecht Sessions' on congenital heart disease, which will take place on February 7<sup>th</sup> - 8<sup>th</sup>, 2020 at the UMC Utrecht/Wilhelmina Children's Hospital, The Netherlands.

After last year's highly successful sessions on tetralogy of Fallot, we will focus this year on the state-of-the-art management of patients with aortic anomalies, from vascular rings and slings to coarctation of the aorta and aortic hypoplasia.

We will follow our last year's concept to discuss the entire spectrum from diagnostics to therapy, from prenatal to adulthood. As in previous years, an international faculty of experts from Europe and North America will guarantee stimulating lectures and interactive discussions.

The main topics will be:

- Pathology and embryology of aortic anomalies
- Imaging of aortic anomalies: from fetal echo and MRI to 4D flow and CFD in the adult
- The airway and esophagus in aortic arch abnormalities
- Surgical strategies in vascular rings and slings
- Coarctation in very low birth weight: stenting as bridge to surgery
- Coarctation and hypoplastic aortic arch; surgical strategies in the newborn
- Brain protection and neuro monitoring in neonatal aortic arch surgery
- Hypertension after CoA, a lifelong vasculopathy?
- Low gradient re-CoA in the adult: what to treat?
- Dissection of the thoracic aorta: Trilogy of treatment

There will be a social dinner on Friday February 7<sup>th</sup> 2020.

We look forward to see you on February 7<sup>th</sup> and 8<sup>th</sup>, 2020 in Utrecht.

Gregor Krings, Felix Haas, Paul Schoof, Heynric Grotenhuis,  
Henriëtte ter Heide, Gabriëlle van Iperen, Trinette Steenhuis,  
Michiel Voskuil, Bram van Wijk

A separate Dutch-spoken satellite symposium will be held on Thursday February 6<sup>th</sup> intended for parents, local health care providers and our partners in the field of pediatric cardiac care.

# Program Friday February 7<sup>th</sup>

08.00 - 08.30 Registration and coffee

08.30 - 08.35 Welcome by

Gregor Krings and  
Felix Haas

## Aortic rings and slings I

**Chairmen:** Tara Bharucha and Hans Breur

08.35 - 09.00 Anatomy and Embryology of aortic rings and slings

09.00 - 09.25 Prenatal diagnostics

09.25 - 09.50 Aortic rings and slings:

postnatal echo and clinical impact

09.50 - 10.15 Imaging of airways and esophagus in aortic arch abnormalities

10.15 - 10.45 Coffee break

Monique Jongbloed  
Joanna Dangel

John Simpson

Robert Fleck

## Aortic rings and slings II

**Chairmen:** Felix Haas and Damien Bonnet

10.45 - 11.25 Pro-Con debate 'right aortic arch requires immediate surgery after birth'

Don't wait for symptoms, surgery in all

No intervention without symptoms

11.25 - 11.55 Tracheobronchomalacia: assessment and surgical management

11.55 - 12.25 Surgical options in vascular rings and slings

12.25 - 13.45 Meet, greet and eat

Nagarajan Muthialu  
Carl Backer

Russel Jennings  
Carl Backer

## Aortic rings and slings III

**Chairmen:** Francesca Pluchinotta en Carl Backer

13.45 - 14.00 Vascular rings: the lateral approach

14.00 - 14.15 Vascular rings: the anterior approach

14.15 - 14.40 Surgical options in tracheal stenosis

14.40 - 15.05 Aortopexy for bronchomalacia

15.05 - 15.35 Case aortic arch anomaly

15.35 - 16.00 Tea break

Ryan Accord  
Dave Koolbergen  
Pieter van de Woestijne  
Chris Baird  
Tara Bharucha

## Coarctation of the aorta I

**Chairmen:** Shakeel Qureshi and Aimee Armstrong

16.00 - 16.25 Pathology of the aortic arch

16.25 - 16.50 Prenatal assessment of aortic arch hypoplasia and CoA

16.50 - 17.15 Prenatal MRI of the aortic arch

17.15 - 17.35 CoA in very low birth weight: stenting as bridge to surgery

17.35 Closure

19.30 Social dinner

Monique Jongbloed

Tara Bharucha  
Kuberan Pushparajah

Gregor Krings

# Program Saturday February 8<sup>th</sup>

## Coarctation of the aorta II

**Chairmen:** **Henriëtte ter Heide and Paul Schoof**

09.00	Welcome	Heynric Grotenhuis and Mirella Molenschot
09.00 - 09.25	Clinical decision making: when is the arch too small?	Damien Bonnet
09.25 - 09.50	CoA and hypoplastic aortic arch; surgical strategies in the newborn	Rudolf Mair
09.50 - 10.15	Brain protection and neuro monitoring in neonatal aortic arch surgery	Ken Brady
10.15 - 10.40	Early re-CoA: when to treat?	Mario Carminati
10.40 - 11.10	Coffee break	

## Coarctation of the aorta III

**Chairmen:** **Ehsan Natour and Carl Backer**

11.10 - 11.35	Effects of caliber and curvature on arterial hemodynamics after CoA repair (MRI)	Vivek Muthurangu
11.35 - 12.00	Hypertension after CoA, a lifelong vasculopathy?	Heynric Grotenhuis

### **Pro-Con:**

#### **how to treat hypertension after CoA repair**

12.00 - 12.20	I Stenting your way out	Aimee Armstrong
12.20 - 12.40	II Stay out of stenting	Mario Carminati
12.40 - 13.00	III Panel discussion	Shakeel Qureshi Michiel Voskuil Tara Bharucha Rudolf Mair
13.00 - 14.00	Meet, greet and eat	

## Coarctation of the aorta IV

**Chairmen:** **Chris Baird and Paul Schoof**

14.00 - 14.20	Low gradient re-CoA in the adult: what to treat?	Michiel Voskuil
14.20 - 14.40	Engineering to predict aortic trouble	Francesca Pluchinotta

### **Dissection of the thoracic aorta**

14.40 - 14.50	Case presentation: dissection after CoA stenting	Mirella Molenschot
14.50 - 15.05	Surgical approach	Ehsan Natour
15.05 - 15.20	Bare metal stenting	Shakeel Qureshi
15.20 - 15.45	Case continued: how we solved it!	Mirella Molenschot
15.45	Closing remarks	
16.00	Beer and wine	

## Faculty

Ryan Accord, Groningen  
Aimee Armstrong, Columbus  
Carl Backer, Chicago  
Chris Baird, Boston  
Tara Bharucha, Southampton  
Ken Brady, Chicago  
Damien Bonnet, Parijs  
Hans Breur, Utrecht  
Mario Carminati, Milan  
Joanna Dangel, Warschau  
Heynric Grotenhuis, Utrecht  
Robert Fleck, Cincinnati  
Felix Haas, Utrecht  
Russell Jennings, Boston  
Monique Jongbloed, Leiden  
Gregor Krings, Utrecht  
Dave Koolbergen, Leiden  
Rudolf Mair, Linz  
Mirella Molenschot, Utrecht  
Nagarajan Muthialu, London  
Vivek Muthurangu, London  
Ehsan Natour, Maastricht  
Francesca Pluchinotta, Milan  
Kuberan Pushparajah, London  
Shakeel Qureshi, London  
Paul Schoof, Utrecht  
John Simpson, London  
Michiel Voskuil, Utrecht  
Pieter van de Woestijne, Rotterdam

## Organization

Gregor Krings, Pediatric Interventional  
Cardiologist, Head Cath lab  
Felix Haas, Professor of Congenital Thoracic  
Surgery  
Paul Schoof, Congenital Thoracic Surgeon  
Heynric Grotenhuis, Pediatric Cardiologist  
Henriëtte ter Heide, Pediatric Cardiologist  
Gabriëlle van Iperen, Pediatric Cardiologist  
Trinette Steenhuis, Pediatric Cardiologist  
Michiel Voskuil, Cardiologist  
Bram van Wijk, Congenital Thoracic Surgeon  
Sylvia van Zuilen, Conference coordinator,  
Dept Pediatric Cardiology UMC Utrecht

## Location symposium

UMC Utrecht  
Lecture Hall:  
'Blauwe/roze collegezaal'  
Heidelberglaan 100  
3584 EA Utrecht, The Netherlands

## 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 improve both physical and mental health of children during childhood and thereafter.

<https://www.umcutrecht.nl/en/Research/Strategic-themes/Child-Health-science-for-life>

## Abstract Submission

We invite you to share your expertise on aortic anomalies in the form of an abstract presentation: [symposium@umcutrecht.nl](mailto:symposium@umcutrecht.nl)  
Upload abstract:

<http://www.utrechtsessions.nl/utrechtsessions/the-7th-utrecht-sessions-for-congenital-heart-disease-the-aorta-understand-and-treat-from-6th-8th-february-2020/>

## Early Bird Registration before January 1<sup>st</sup>, 2020

### Conference fee Friday/Saturday (in English)

Physician (non AEPC member)	€ 390,-
Physician (AEPC member)	€ 290,-
Fellow (non AEPC member)	€ 290,-
Fellow (junior AEPC member)	€ 190,-
Non-Physician	€ 150,-
Parent	€ 75,-
UMC Utrecht, UMCG or MM Veldhoven employee	€ 100,-

### Conference Fee Thursday/Friday/Saturday (in Dutch and English)

Physician (non AEPC member)	€ 420,-
Physician (AEPC member)	€ 320,-
Fellow (non AEPC member)	€ 320,-
Fellow (junior AEPC member)	€ 220,-
Non-Physician	€ 175,-
Parent	€ 75,-
UMC Utrecht, UMCG or MM Veldhoven employee	€ 150,-

**Social Dinner on February 7th, 07.30 PM** € 65,- (registration required)

### Registration

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

<https://webshop.umcutrecht.nl/umcutrecht/nl/Products/Utrecht-Sessions.aspx>

### Website

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

### Accreditation

EBAC European Board for Accreditation in Cardiology  
BEN Professional association of ultrasound operators in the Netherlands  
NVHV Dutch Association for Pediatrics  
NAPA Dutch Association of Physician Assistants  
NVK Dutch Association for Pediatrics  
NVT Dutch Association for thoracic surgery  
NVVC The Dutch Society for Cardiology  
SBHFL Foundation heart function laboratory  
V&VN VS The professional association for Nursing Specialists

### Visiting address

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### More information?

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