

HANDS-ON COURSE

**MORPHOLOGY OF CONGENITAL HEART DISEASE
Common Arterial Trunk (CAT)**

*On the occasion of the retirement of
Dr. Margot M. Bartelings, cardiac pathomorphologist*

21 SEPTEMBER 2018 | 08.30 - 19.00 UUR

**ACCREDITATION: 6 CME
credit points will be requested**

- *Insight in the 3D-morphology of CAT from prenatal development to long term follow up*
- *Introduction of different aspects of CAT by a panel of cardiac surgeons, paediatric/GUCH cardiologists, morphologists, embryologists, geneticist*
- *Hands-on sessions with post-mortem specimens*

TARGET GROUPS

Specialists and trainees in the field of cardiac surgery, pediatric cardiology, (congenital) cardiology and other fields dealing with cardiac defects (cardio-thoracic anaesthesia, cardiac pathology, prenatal medicine/ gynaecology, radiology).

REGISTRATION FEE

€ 295

LOCATION

Leiden University Medical Center, Leiden,
The Netherlands

For further information and registration please go to:
www.boerhaavenascholing.nl

SIGN UP

Common arterial trunk (CAT) is a relatively rare congenital heart malformation with an incidence of approximately 0.07 per 1000 live births (approximately 0.7% of congenital heart diseases). This low incidence as compared to other congenital malformations may underlie the fact that only few courses have been attributed specifically to CAT. Nevertheless, in dealing with patients with CAT a myriad of anatomical considerations are involved, including variations in truncal valve anatomy, coronary arteries, pulmonary arteries, and associated anomalies, that all have their impact on surgical interventions and (late) clinical outcome. This dedicated course aims to provide insight in the three dimensional morphology of CAT in the full spectrum from prenatal development to long term follow up. The extensive Leiden Collection of post-mortem specimens with congenital heart disease provides the possibility to study this cardiac malformation in hands-on sessions.

Organizing committee and faculty

- Dr. Margot M Bartelings, Cardiac pathomorphologist, LUMC, NL
- Dr. Regina Bökenkamp, Pediatric cardiologist, LUMC, NL
- Dr. Monique C Haak, Gynaecologist, LUMC, NL
- Prof. dr. Mark G Hazekamp, Cardiothoracic surgeon, LUMC/AMC, NL
- Dr. Monique RM Jongbloed, Congenital cardiologist, Clinical anatomist/embryologist, LUMC, NL
- Prof. dr. Marco C DeRuiter, Clinical anatomist/embryologist, LUMC, NL

Faculty

- Dr. Margot M Bartelings, Dept. of Anatomy & Embryology, LUMC, Leiden, NL
- Prof. dr. Nico A Blom, Depts. of Paediatric Cardiology, UMC/AMC, Leiden/Amsterdam, NL
- Prof. dr. Ad JJC Bogers, Dept. of Cardiothoracic Surgery, Erasmus MC, Rotterdam, NL
- Dr. Regina Bökenkamp, Dept. of Pediatric Cardiology, LUMC, Leiden, NL
- Dr. Ana Carriço, Dept. of Pediatric Cardiology, Centro Hospitalar de Vila Nova Gaia Espinho/EPE, Portugal
- Prof. dr. Marco C DeRuiter, Dept. of Anatomy and Embryology, LUMC, Leiden, NL
- Dr. Nynke Elzenga, Dept. of Pediatric Cardiology, UMCG, Groningen, NL
- Prof. dr. Adriana C Gittenberger-de Groot, Dept. of Cardiology, LUMC, Leiden, NL
- Dr. Monique C Haak, Dept. of Obstetrics, LUMC, Leiden, NL
- Prof. dr. Mark G Hazekamp, Dept. of Cardiothoracic Surgery, LUMC, Leiden, NL
- Dr. Monique RM Jongbloed, Depts. of Anatomy and Embryology, Cardiology, LUMC, Leiden, NL
- Dr. Inga Voges, Dept. of Paediatric Cardiology, Royal Brompton & Harefield NHS Foundation Trust, Imperial College London, UK
- Dr. Marja W Wessels, Dept. of Clinical Genetics, Erasmus MC, Rotterdam, NL
- Dr. Maarten Witsenburg, Dept. of Cardiology, Erasmus MC, Rotterdam, NL

Assistants

- Ing. Conny M van Munsteren, Dept. of Anatomy & Embryology, LUMC, Leiden NL
- Ing. Bert J Wisse, Dept. of Anatomy & Embryology, LUMC, Leiden NL

PROGRAMME

TIME	TITLE	PRESENTER
08.30	Reception and registration	
09.00	Opening	Marco DeRuiter
	SESSION 1: Introduction Common Arterial Trunk	Chairs: Adriana Gittenberger-deGroot Nico Blom
09.10	Morphology	Regina Bökenkamp Monique Jongbloed (live-video)
09.40	Associated anomalies	Regina Bökenkamp Margot Bartelings (live-video)
10.10	Morphogenesis	Marco DeRuiter
10.30	Coffee break	
11.00	HANDS-ON SESSION 1	All tutors
	SESSION 2: Genetics and prenatal diagnosis	Chairs: Ana Carriço Monique Jongbloed
11.40	Genetics	Marja Wessels
12.05	Fetal diagnosis	Monique Haak
12.30	Lunch break	
	SESSION 3: Clinical diagnosis and treatment	Chairs Inga Voges Adriana Gittenberger-de Groot
13.30	Clinical aspects	Nico Blom
13.50	Surgery	Mark Hazekamp
14.20	Coronary arteries	Ad Bogers
14.40	Truncal valve morphology, aortic arch anomalies and surgical consequences	Mark Hazekamp
15.00	Tea break	
15.30	HANDS-ON SESSION 2	All tutors
	SESSION 4: The adult patient	Chairs: Mark Hazekamp Marco DeRuiter
16.10	General overview of late follow up	Inga Voges
16.35	Case presentations	Nynke Elzenga/ Maarten Witsenburg
16.55	Closing remarks and tributary to Margot Bartelings	Margot Bartelings / Monique Jongbloed
17.30-19.00	Reception and drinks	

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