

COEUR Course Congenital Heart Disease: It is the right ventricle that matters! Is it?

Course organisers: Prof A. Bogers & Prof W. Helbing & Prof J. Roos-Hesselink, Rotterdam

Aims of the program

- ✓ Introduction to congenital heart disease
 - To get to know the incidence, classification, and symptoms of congenital heart disease
 - To have a basic understanding of cardiac development
 - To know the opportunities and problems of surgery for congenital heart disease
 - To get insight in the long-term prognosis of common types of congenital heart disease.
- ✓ The right ventricle
 - To know the role of the right ventricle in outcome of common types of congenital heart disease
 - To know the strengths and weaknesses of imaging techniques used to study the RV
 - To get insight in the role of genomics and proteomics in models of RV disease states
 - To obtain knowledge about arrhythmias and conduction defects in congenital heart disease
 - To gain insight in new treatment modalities for pulmonary valve pathology
- ✓ Long term outcome
 - To get to know the medical and psychosocial aspects of quality of life in patients with common types of congenital heart disease
 - To get to know the problems associated with pregnancy in patients with congenital heart disease.

Format

- ✓ Lectures will be given on Thursday and Friday. Research papers for self-study are included in the course material and should be studied in advance (estimated study load: 16 hours). At the end of each day, a selftest will estimate the acquired knowledge on Congenital Heart Disease

Introduction to Congenital Heart Disease

Thursday Morning

09:00-09:20 Coffee/tea

09:20-09:30 Welcome and Introduction to COEUR course

Prof. A.J.J.C. Bogers

09:30-10:30 Assessment of the right ventricle and single ventricle in congenital heart disease

Prof. W.A. Helbing

11:00-11:30 Surgery for tetralogy of Fallot and pulmonary atresia

Dr. P.C. van de Woestijne

11:30-12:00 Late follow up after corrective surgery for tetralogy of Fallot

Dr. S. Luijnenburg

Thursday Afternoon

- 13:00-13:30 Ventricular arrhythmias late in the course of congenital heart disease
Dr. N.M.S. de Groot
- 13:30-14:00 Supraventricular arrhythmias late in the course of congenital heart disease
Dr. N.M.S. de Groot
- 14:30-15:00 Treatment of the right ventricular failure
Drs. J.A. Cuypers
- 15:00-15:30 Selftest

Friday Morning

- 09:00-09:30 Can a maldeveloped ventricle be reconstructed? Ebstein experience
Prof. A.J. Bogers
- 09:30-10:00 Abnormal conduction in congenital heart disease
Dr. M. Witsenburg
- 10:00-10:30 3D echo in the right heart
J.S. Vletter-McGhie
- 11:00-12:00 What if there is no right ventricle? Surgical options
Prof. A.J. Bogers

Friday Afternoon

- 13:00-13:30 Late follow up after Fontan surgery
Prof. J.W. Roos-Hesselink/Dr. A.E. van den Bosch
- 13:30 -14:00 Psychosocial functioning of children and adolescents with congenital heart disease and their parents
Dr. E.M. Utens
- 14:30 -15:00 Is it wise to become pregnant with a congenital cardiac anomaly?
Prof. J.W. Roos-Hesselink
- 15:00-15:30 Selftest