

## Core Curriculum Course in Adult Congenital Heart Disease

Name	Description
<p><b>Introduction</b></p> <ul style="list-style-type: none"> <li>▪ Adult congenital heart disease: care for a growing population.</li> <li>▪ Sequential segmental analysis of congenital heart disease</li> </ul>	<p>Recommended</p> <p>Recommended</p>
<p><b>Shunt Lesions</b></p> <ul style="list-style-type: none"> <li>▪ Atrial septal defect I: overview.</li> <li>▪ Atrial septal defect II: case presentation – should this ASD be closed and how?</li> <li>▪ Ventricular septal defect.</li> <li>▪ Atrioventricular septal defect.</li> <li>▪ Patent ductus arteriosus.</li> </ul>	<p>Recommended</p> <p>Recommended</p> <p>Recommended</p> <p>Recommended</p> <p>Recommended</p>
<p><b>Obstructive lesions</b></p> <ul style="list-style-type: none"> <li>▪ Left ventricular outflow tract obstruction.</li> <li>▪ Coarctation of the aorta – an overview.</li> <li>▪ Repaired coarctation of the aorta: follow-up in adults.</li> <li>▪ Right ventricular outflow tract obstruction.</li> <li>▪ Case presentation: subvalvular aortic stenosis.</li> </ul>	<p>Recommended</p> <p>Recommended</p> <p>Recommended</p> <p>Recommended</p> <p>Optional</p>
<p><b>Cyanotic lesions</b></p> <ul style="list-style-type: none"> <li>▪ Tetralogy of Fallot I: overview.</li> <li>▪ Tetralogy of Fallot II: does this patient need a pulmonary valve replacement?</li> <li>▪ Pulmonary atresia with VSD.</li> <li>▪ Complete transposition of the great arteries I: the Mustard and Senning corrections.</li> <li>▪ Complete transposition of the great arteries II: the arterial switch operation.</li> <li>▪ Truncus arteriosus.</li> <li>▪ Complex uncorrected cyanotic lesions: towards a Fontan circulation.</li> <li>▪ The Fontan circulation I: palliation of the patient with univentricular heart.</li> <li>▪ The failing Fontan circulation.</li> </ul>	<p>Recommended</p> <p>Optional</p> <p>Optional</p> <p>Recommended</p> <p>Recommended</p> <p>Optional</p> <p>Optional</p> <p>Recommended</p> <p>Optional</p>
<p><b>Miscellaneous lesions</b></p> <ul style="list-style-type: none"> <li>▪ Congenitally corrected transposition of the great arteries (CCTGA).</li> <li>▪ Case presentation: A CCTGA patient with a systemic right ventricle and severe systemic AV valve regurgitation.</li> <li>▪ Ebstein's anomaly in the adult.</li> <li>▪ Marfan syndrome and related disorders – Diagnosis.</li> <li>▪ Marfan syndrome and related disorders – Management.</li> <li>▪ Coronary artery anomalies.</li> <li>▪ Case presentation: a patient with a failing left ventricle due to ALCAPA.</li> </ul>	<p>Recommended</p> <p>Optional</p> <p>Recommended</p> <p>Optional</p> <p>Optional</p> <p>Optional</p> <p>Optional</p>
<p><b>Imaging of ACHD patients</b></p> <ul style="list-style-type: none"> <li>▪ Echocardiography I: analysis of complex congenital lesions.</li> <li>▪ Echocardiography II: analysis of left ventricular function.</li> <li>▪ Echocardiography II: analysis of right ventricular function.</li> <li>▪ CT and MRI I: assessment of morphology.</li> <li>▪ CT and MRI II: assessment of ventricular and valvular function.</li> <li>▪ Heart catheterization I: diagnostic aspects.</li> <li>▪ Heart catheterization II: catheter interventions.</li> </ul>	<p>Optional</p> <p>Optional</p> <p>Optional</p> <p>Optional</p> <p>Optional</p> <p>Optional</p> <p>Optional</p>
<p><b>Rhythm and conduction disorders in ACHD patients</b></p> <ul style="list-style-type: none"> <li>▪ Supraventricular arrhythmias.</li> <li>▪ Ventricular arrhythmias.</li> <li>▪ Sudden death in ACHD: indications for ICD implantation.</li> <li>▪ Case presentation: a Fallot patient with palpitations.</li> </ul>	<p>Optional</p> <p>Optional</p> <p>Optional</p> <p>Optional</p>

<p><b>Treatment of heart failure in ACHD patients</b></p> <ul style="list-style-type: none"> <li>▪ Medical interventions in patients with a systemic right ventricle.</li> <li>▪ Right heart failure and its treatment.</li> <li>▪ CRT in ACHD patients.</li> <li>▪ Heart transplantation in ACHD patients.</li> <li>▪ Case presentation: a patient with a failing systemic right ventricle and severe systemic AV valve regurgitation.</li> </ul> <p><b>Reproductive issues in ACHD patients</b></p> <ul style="list-style-type: none"> <li>▪ Contraception for the ACHD patient.</li> <li>▪ Genetic counselling for adults with congenital heart disease.</li> <li>▪ Pre pregnancy risk assessment in women with CHD.</li> <li>▪ Management of pregnant women with CHD.</li> <li>▪ Case presentation: Pregnancy in women with a mechanical valve.</li> </ul> <p><b>Miscellaneous subjects</b></p> <ul style="list-style-type: none"> <li>▪ Role of advanced practice nurses in ACHD.</li> <li>▪ Transition from pediatric to adult congenital heart disease.</li> <li>▪ Risks and benefits of sports in ACHD patients.</li> <li>▪ Non cardiac surgery in ACHD patients.</li> <li>▪ Infective endocarditis and ACHD.</li> <li>▪ Pulmonary hypertension in ACHD patients.</li> <li>▪ Case presentation: clinical deterioration in a patient with Eisenmenger syndrome.</li> </ul>	<p>Optional</p> <p>Optional</p> <p>Optional</p> <p>Optional</p> <p>Optional</p> <p>Recommended</p> <p>Recommended</p> <p>Recommended</p> <p>Optional</p> <p>Recommended</p> <p>Recommended</p> <p>Recommended</p> <p>Recommended</p> <p>Optional</p> <p>Optional</p> <p>Recommended</p> <p>Optional</p>
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