



AMRITA INSTITUTE OF MEDICAL SCIENCES AND RESEARCH CENTRE

AIMS Ponekkara P.O. Kochi-41

DEPARTMENT OF PAEDIATRIC CARDIOLOGY

P.G. TEACHING SCHEDULE JULY- 2025

THEORY 8.30 am to 9.30 am)

DATE	TOPIC	FACULTY
04.07.2025	Prenatal Counselling of CHD	Dr. Balu Vaidyanathan
11.07.2025	RV function assessment on Echo	Dr. Shine Kumar
18.07.2025	AVSD Morphology	Dr. R Krishna Kumar
25.07.2025	CRISPER – CAS9	Dr. Mahesh

SEMINAR (8.30 am to 9.30 am)
(Attendees: All Faculties & PGs)

DATE	TOPIC	PRESENTER	FACULTY
03.07.2025	TGA Physiology	Dr. Amit	Dr. RKK
10.07.2025	Segmental anatomy	Dr. Sakthi	Dr. Balu
17.07.2025	Ebsteins anomaly	Dr. Nisanth	Dr. Mahesh
31.07.2025	Idiopathic PAH	Dr. Naimisha	Dr. Shine

CASE PRESENTATIONS (4.00 pm to 5.30 pm)
(Attendees: All Faculties & PGs)

DATE	TOPIC	PRESENTER	FACULTY
01.07.2025	AVSD	Dr. Gowtham	Dr.Krishna Kumar/Dr. Balu/ Dr. Mahesh/Dr. Shine/Dr. Navaneetha
08.07.2025	TOF/MAPCA'S	Dr. Anjali	Dr.Krishna Kumar/Dr. Balu/ Dr.Mahesh/Dr. Shine/Dr. Navaneetha
15.07.2025	TGA/IVS	Dr. Sakthi	Dr.Krishna Kumar/Dr. Balu/ Dr. Mahesh/Dr. Shine/Dr. Navaneetha
22.07.2025	EBSTEIN	Dr. Naimisha	Dr.Krishna Kumar/Dr. Balu/ Dr. Mahesh/Dr. Shine/Dr. Navaneetha
29.07.2025	VSD with Pulmonary atresia	Dr. Nisanth	Dr.Krishna Kumar/Dr Balu/ Dr. Mahesh/Dr. Shine/Dr. Navaneetha

GROUP DISCUSSION (8.30 am to 10.30 am)
(Attendees: All Faculties & PGs)

DATE	TOPIC	FACULTY
05.07.2025	BDGS, Partial AV canal repair, ICR, VSD surgical closure, Intra Cardiac Repair with handmade conduit, TAPVC Repair, BT shunt, Cath+ Intra cardiac Repair, AV canal repair, VSD closure surgery	Dr.RKK/Dr.Balu Dr. Mahesh/Dr.Navaneetha /Dr. Shine/Dr.Brijesh/Dr.Praveen Reddy
12.07.2025	PG Change, Coronary Artery Bypass Graft, ICR with handmade conduit, CoA Repair, ASD surgical closure(LPT),BDGS, Partial AV canal repair, TAPVC Repair, Cath+ Intra cardiac Repair, AV canal repair.	Dr.Balu/Dr Mahesh/Dr.Brijesh, Dr. shine/Dr.Praveen Reddy/ Dr.Navaneetha
19.07.2025	PA Banding Atrial Septectomy, Atrial switch operation, Septal myectomy,Ligation of PDA, Intra Cardiac Repair, single stage unifocalisation +unlisted coil closure , ASD closure (LPT), ASD + VSD surgical closure	Dr.Mahesh/Dr.Shine/ /Dr. Balu Dr.Brijesh/Dr. Praveen Reddy
26.07.2025	VSD surgical closure, Bidirectional Glenn shunt, Intra Cardiac Repair with conduit, single stage unifocalisation +unlisted coil closure, TAPVC , PA Banding	Dr.RKK/Dr.Balu/Dr.Mahesh/ Dr. Navaneetha/Dr.Shine Dr.Brijesh/Dr.Praveen Reddy

JOURNAL CLUB (8.30 am to 9.30 am)
(Attendees: All Faculties & PGs)

DATE	TOPIC	PRESENTER	FACULTY
07.07.2025	Zijlstra WMH, et al.Pulmonary arterial hypertension in children after neonatal arterial switch operation.. Heart 2017 Aug;103(16):1244-1249	Dr. Amit	Dr. RKK/Dr. Balu, Dr. Mahesh, Dr. Shine , Dr. Navaneetha
14.07.2025	Prashob Porayette, et al.MRI shows limited mixing between systemic and pulmonary circulations in foetal transposition of the great arteries: a potential cause of in utero pulmonary vascular disease. Cardiol Young. 2015 Apr;25(4):737-44	Dr. Gowtham	Dr. RKK/Dr. Balu, Dr. Mahesh, Dr. Shine and Dr. Navaneetha
21.07.2025	Buca D, et al. Prenatal risk factors for urgent atrial septostomy at birth in fetuses with transposition of the great arteries: a systemic review and meta-analysis. J Matern Fetal Neonatal Med. 2020;35(3)1-9	Dr. Anjali	Dr. RKK/Dr. Balu, Dr. Mahesh, Dr.Shine Dr. Navaneetha

28.07.2025	Wipf A, et al. Aortopulmonary collateral in neonates with d-transposition of the great arteries – Clinical significance after arterial switch operation Int J Cardiol. 2018. Int J Cardiol. 2018 May 1:258:237-242.	Dr. Sakthi	Dr.RKK/Dr.Balu, Dr.Mahesh, Dr.Shine Dr.Navaneetha
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BEDSIDE TEACHING
(Attendees: All PGs)

DATE	TOPIC	ATTENDEES	FACULTY
01/07/2025 to 31/07/2025	Every day morning - ICU/IMCU rounds (8.30 AM to 10 AM)	Dr. Naimisha	Dr. Balu Vaudyanathan
01/07/2025 to 31/07/2025	Every day morning – Ward rounds (8.30 AM to 10 AM)	Dr. Amit, Dr. Anjaly	Dr. Shine Kumar
01/07/2025 to 31/07/2025	During echocardiography + teaching Every working days 9.00 AM to 5.00 PM	Dr. Nisanth, Dr. Sakthi, Dr. Gautam, Dr. Anjaly	Dr. Krishna Kumar/Dr.Balu Dr.Mahesh/ Dr.Shine/ Dr Navaneetha

MORTALITY MEETING (3.30 pm to 4pm)

DATE	TOPIC	FACULTY
30.07.2025	Mortality & morbidity meeting of July, 2025 presented by Dr Naimisha & Dr Sakthi 47827 : Right ventricular failure, ASD/Eisenmenger syndrome, Chronic Renal failure 2756295: Severe left ventricular dysfunction, Congestive cardiac failure, S/P Truncus Repair/Moderate Aortic regurgitation, Severe conduit regurgitation.	All Faculties & PGs

PROCEDURES

Cath Lab Procedures	34
Cardiac MRI	6
Fetal Echo	27



**DR. R. KRISHNA KUMAR, PROF & HEAD
DEPARTMENT OF PAEDIATRIC CARDIOLOGY
AIMS, KOCHI.**