



AMRITA INSTITUTE OF MEDICAL SCIENCES AND RESEARCH CENTRE

AIMS Ponekkara P.O. Kochi-41

DEPARTMENT OF PAEDIATRIC CARDIOLOGY

P.G. TEACHING SCHEDULE FOR SEPTEMBER, 2025

THEORY (8.30 am to 9.30 am)

DATE	TOPIC	FACULTY
12.09.2025	PAH- Clinical examination	Dr.Shine Kumar
19.09.2025	Pregnancy and heart disease	Dr.RKK
26.09.2025	Fontan circulation	Dr.Balaji

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

DATE	TOPIC	PRESENTER	FACULTY
04.09.2025	LV Dp/dt	Dr. Sakthi	Dr.Balu
11.09.2025	Accessory pathway localisation	Dr.Nisanth	Dr.Navaneetha
18.09.2025	Coronaries – embryology and anatomy	Dr.Naimisha	Dr.Praveen Reddy
25.09.2025	RV Restrictive physiology	Dr.Amit	Dr.Shine Kumar

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

DATE	TOPIC	PRESENTER	FACULTY
02.09.2025	VSD/PS	Dr. Gautam	Dr.Krishna Kumar/ Dr. Balu/Dr.Mahesh/ Dr. Shine/Dr.Navaneetha
09.09.2025	Bicuspid Aortic Valve with AR	Dr. Anjaly	Dr.Krishna Kumar/ Dr.Balu/Dr.Mahesh/ Dr.Shine/Dr.Navaneetha
16.09.2025	Severe AR with hypertension	Dr. Naimisha	Dr.Krishna Kumar/ Dr.Balu/Dr.Mahesh/ Dr.Shine/Dr.Navaneetha
23.09.2025	Severe MS (RHD)	Dr. Nishanth	Dr.Krishna Kumar/ Dr.Balu/Dr. Mahesh/ Dr.Shine/Dr.Navaneetha
30.09.2025	Large VSD with Congenital MR	Dr. Amit	Dr.Krishna Kumar/ Dr.Balu/Dr.Mahesh/ Dr.Shine/Dr.Navaneetha

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

DATE	TOPIC	FACULTY
09.09.2025	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. Shine Dr.Navaneetha/ Dr.Brijesh Dr. Praveen Reddy
13.09.2025	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/r Mahesh Dr.Brijesh, Dr. Shine Dr. Praveen Reddy/ Dr. Navaneetha
20.09.2025	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
27.09.2025	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.Brijesh Dr. Navaneetha/Dr.Shine Dr. Praveen Reddy

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

DATE	TOPIC	PRESENTER	FACULTY
01.09.2025	Eitan Keizman , Inbar Abarbanel The Impact dominant Ventricular Morphology on the Early postoperative course after the Glenn procedure.Pediatr Cardiol.2023 Jun;44(5):1076-1082	Dr. Naimisha	Dr.RKK
08.09.2025	Jouke P Bokma, Tal Geva Improved outcomes after pulmonary valve replacement in repaired tetralogy of fallot. J Am Coll Cardiol. 2023 May 30;81(21):2075-2085.	Dr. Nisanth	Dr.Balu Vaidyanathan
15.09.2025	Jef Van den Eynde , Mathias Possner Thromboprophylaxis in patients with Fontan circulation J Am Coll Cardiol. 2023 Jan 31;81(4):374-389.	Dr. Sakthi	Dr.Navaneetha
22.09.2025	Praloy Chakraborty , <u>Mahbod Rahimi</u> Exercise-Induced QRS Prolongation in Brugada Syndrome: Implications for improving disease phenotyping and diagnosis. JACC Clin Electrophysiol. 2024 Aug;10(8):1813-1824	Dr.Amit	Dr.Shine

29.09.2025	Joshua Mayourian, William G La Cava Pediatric ECG – based Deep Learning to Predict Left Ventricular Dysfunction and Remodeling. Circulation. 2024 Mar 19;149(12):917-931	Dr.Taniya	Dr. Mahesh
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BEDSIDE TEACHING
PGs Posting

DATE	TOPIC	ATTENDEES	FACULTY
01/09/2025 to 30/09/2025	Every day morning - ICU/IMCU rounds (8.30 AM to 10 AM)	Dr. Nisanth, Dr. Gowtham	Dr. Shine Kumar
01/09/2025 to 30/09/2025	Every day morning – Ward rounds (8.30 AM to 10 AM)	Dr Naimisha, Dr. Anjaly,	Dr.Balu Vaidyanthan
01/09/2025 to 30/09/2025	During echocardiography + teaching Every working days 9.00 AM to 5.00 PM	Dr Sakthi, Dr Amit	Dr. Krishna Kumar/Dr.Balu Dr.Mahesh/Dr.Shine/ Dr. Navaneetha

MORIDITY /MORTALITY MEETING (3pm to 4pm)

DATE	TOPIC	FACULTY
24.09.2025	Mortality & morbidity meeting of September, 2024 presented by Dr Amit & Dr. Nishanth 2903531: Moderate AS predominantly supralvalvar with gradient of 69/40mmHg 2172071: dTGA/VSD/PS S/P BDGS + PA plasty (2021) Tricuspid valve tissue is attached to conal septum; in the LV - aorta pathway. 1624012 : Bicommissural aortic valve Valvar AS(Gradient of 46 mmHg) (peak-to peak gradient) Mild AR 2820117 : Critical aortic valvar stenosis with unicommissural aortic valve Endocardial fibroelastosis+, S/P Eelective BAV using 7x2 miniTyshak balloon and 8x2 Tyshak II balloon on 10-02-2025 at AIMS. Severe AS, peak-to-peak gradient: 58 mm Hg. LV diastolic dysfunction, severe PVH/PAH.	All Faculties & PGs

PROCEDURES

<u>Cath Lab Procedures</u>	<u>41</u>
<u>Cardiac MRI</u>	<u>10</u>
<u>Fetal Echo</u>	<u>29</u>



**DR. R. KRISHNA KUMAR, PROF & HEAD
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AIMS, KOCHI.**