



AMRITA INSTITUTE OF MEDICAL SCIENCES AND RESEARCH CENTRE

AIMS Ponekkara P.O. Kochi-41

**DEPARTMENT OF PAEDIATRIC CARDIOLOGY**

**P.G. TEACHING SCHEDULE AUGUST , 2026**

**THEORY 8.30 am to 9.30 am)**

| DATE       | TOPIC                  | FACULTY   |
|------------|------------------------|-----------|
| 07.08.2026 | Basics of ECHO         | Dr.Balu   |
| 14.08.2026 | Atrial Flutter         | Dr.RKK    |
| 21.08.2026 | Abernathy Malformation | Dr.Mahesh |
| 28.08.2026 | Fontan                 | Dr.Shine  |

**SEMINAR (8.30 am to 9.30 am)**

**(Attendees: All Faculties & PGs)**

| DATE       | TOPIC                                                  | PRESENTER  | FACULTY              |
|------------|--------------------------------------------------------|------------|----------------------|
| 06.08.2026 | Basics of ECG part I                                   | Dr.Gowtham | Dr.RKK/Dr.Shine      |
| 13.08.2026 | Basics of ECG part II                                  | Dr.Gowtham | Dr.Mahesh/Dr.Shine   |
| 20.08.2026 | Cardio pulmonary bypass in haemolytic anaemia disease. | Dr.Anjaly  | Dr.Balu/Dr.Mahesh    |
| 27.08.2026 | Hypertrophic cardiomyopathy                            | Dr.Amit    | Dr.Mahesh/Dr.Nisanth |

**CASE PRESENTATIONS ( 4.00 pm to 5.30 pm )**

**(Attendees: All Faculties & PGs)**

| DATE       | TOPIC                     | PRESENTER  | FACULTY              |
|------------|---------------------------|------------|----------------------|
| 04.08.2026 | TOF with PA, S/P BT shunt | Dr.Sakthi  | Dr.Balu Vaidyanathan |
| 11.08.2026 | DORV with VSD             | Dr.Sakthi  | Dr.RKK               |
| 18.08.2026 | PAH in pregnancy          | Dr.Anjaly  | Dr.Shine             |
| 25.08.2026 | RHD, Severe MS            | Dr.Gowtham | Dr.Nisanth           |

**GROUP DISCUSSION (8.30 am to 10.30 am)**

**(Attendees: All Faculties & PGs)**

| DATE       | TOPIC                                                                                                                                                             | PRESENTER | FACULTY                                    |
|------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|--------------------------------------------|
| 01.08.2026 | Large Perimembranous VSD, Large 5MM PDA, , VSD Closure, D-TGA, Subpulmonic VSD, complete AV canal defect, ICR With Handmade Conduit (pulmonary valve replacement) | Dr.Sakthi | Dr.RKK/Dr. Mahesh/<br>Dr.Shine/ Dr.Brijesh |

|            |                                                                                                                                                                                 |            |                                                       |
|------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|-------------------------------------------------------|
| 08.08.2026 | Interrupted aortic arch Repair, ICR, Unlisted Procedure+Fontan, , Double Switch Operation, TOF, S/P ICR TAP-Conduit Replacement, unobstructed Supracardiac TAPVC, ASD Closure   | Dr.Amit    | Dr.Balu/Dr.Mahesh/<br>Dr.Brijesh,/Dr.Shine/<br>Dr.RKK |
| 22.08.2026 | Congenital Complete Heart Block – PG change, Large Perimembranous VSD, CCTGA-S/P.ICR with conduit, Large PDA,TAPVC+VSD closure, PDA Ligation, PPI, BDGS                         | Dr.Anjaly  | Dr.Mahesh/Dr.Shine/<br>Dr.Brijesh<br>Dr.Praveen Reddy |
| 29.08.2026 | Double aortic arch repair, D-TGA,Restrictive Subpulmonic VSD, Noonan's syndrome with supraaortic PS, supraaortic AS-Aortic valve repair, Ebstein's malformation tricuspid valve | Dr.Gowtham | Dr.RKK/Dr.Balu/<br>Dr.ShineDr.Praveen<br>Reddy        |

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

| DATE       | TOPIC                                                                                                                                                                                                                                                                                                              | PRESENTER  | FACULTY                  |
|------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|--------------------------|
| 03.08.2026 | Carly Theiler, Joseph Arms et al. Utilization of the electrocardiogram in the pediatric emergency department. American Journal of emergency medicine. 2021 Mar;41:21-27                                                                                                                                            | Dr.Amit    | Dr.Krishna Kumar         |
| 10.08.2026 | Steve R Ommen, Seema Mital, Michael A Burke et al.2020 AHA/ACC Guideline for the diagnosis and treatment of patients with Hypertrophic Cardiomyopathy: Executive summary: A report of the American Heart Association Joint Committee on clinical Practice guidelines. Circulation 2020 Nov 20;142:25.PMID 33215938 | Dr.Sakthi  | Dr. Balu<br>Vaidyanathan |
| 17.08.2026 | Francesca Sperotto, Kevin G Friedman. Cardiac manifestations in SARS-CoV-2-associated multisystem inflammatory syndrome in children: a comprehensive review and proposed clinical approach Eur J Pediatr. 2021 Feb;180(2):307-322                                                                                  | Dr.Gowtham | Dr.Mahesh                |

|            |                                                                                                                                                                                                                       |           |                |
|------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|----------------|
| 24.08.2026 | Zhenwei Guo, Shuo Zhang et al.<br>Value of echocardiography for mini-invasive per-atrial closure of perimembranous ventricular septal defect. International journal of cardiovascular imaging. 2021 Jan;37(1):117-124 | Dr.Anjaly | Dr.Shine Kumar |
| 31.08.2026 | Fatima Derlene da Rocha Araujo et al.<br>Neutrophil-to-lymphocyte ratio used as prognostic factor marker for dilated cardiomyopathy in childhood and adolescence. Ann Pediatr Cardiol. 2019 Jan-Apr;12(1):18-24       | Dr.Aayush | Dr.Nisanth     |

**BEDSIDE TEACHING**  
**(Attendees: All PGs)**

| DATE                           | TOPIC                                                                      | ATTENDEES              | FACULTY                                                                                 |
|--------------------------------|----------------------------------------------------------------------------|------------------------|-----------------------------------------------------------------------------------------|
| 01/08/2026<br>to<br>31/08/2026 | Every day morning - ICU/IMCU rounds (8.30 AM to 10 AM)                     | Dr.Ayush/<br>Dr.Sakthi | Dr.Mahesh                                                                               |
| 01/08/2026<br>to<br>31/08/2026 | Every day morning – Ward rounds (8.30 AM to 10 AM)                         | Dr.Anjaly              | Dr. isanth                                                                              |
| 01/08/2026<br>to<br>31/08/2026 | Doing echocardiography + teaching<br>Every working days 9.00 AM to 5.00 PM | Dr.Amit/<br>Dr.Gowtham | Dr.R Krishna Kumar/Dr.Balu Vaidyanathan,<br>Dr.Mahesh,<br>Dr.Shine Kumar,<br>Dr.Nisanth |

**MORTALITY MEETING (3pm to 4pm)**

| DATE       | TOPIC                                                                                                                                                                                                                                                                                                                               | FACULTY             |
|------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|
| 31.08.2026 | Mortality & morbidity meeting of May, 2026 presented by Dr. Sakthi & Dr.Gowtham<br>MRD -2985251: Cardiopulmonary arrest due to severe hypoxemia Tricuspid Atresia with Pulmonary stenosis S/p Right modified BT shunt (2015) S/p Redo Right modified BT shunt (2022) S/p S/P BT shunt stenting (05/06/2026) Immune Thrombocytopenia | All Faculties & PGs |

### PROCEDURES

|                     |    |
|---------------------|----|
| Cath Lab Procedures | 45 |
| Cardiac MRI         | 4  |
| Fetal Echo          | 26 |



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