



AMRITA INSTITUTE OF MEDICAL SCIENCES AND RESEARCH CENTRE

AIMS Ponekkara P.O. Kochi-41

DEPARTMENT OF CARDIAC ANAESTHESIA

PG TEACHING SCHEDULE FOR THE MONTH OF SEPTEMBER 2025

THEORY (TIME: 7.15 AM - 8.00 AM)

DATE	TOPIC	FACULTY
04.09.2025	Peritoneal dialysis - indications in PCICU	Dr. Jessin P Jayasankar
08.09.2025	Premature baby for cardiac surgery	Dr. Sharath Padmanabhan
13.09.2025	Multiple weaning failure - PDA ligation with additional VSD	Dr. Diana Thomas
20.09.2025	RV diastolic dysfunction after ICR	Dr. Sreelakshmi P

SEMINAR (TIME: 7.15 AM - 8.00 AM)
(ATTENDEES: ALL FACULTIES & PGs)

DATE	TOPIC	PRESENTER	FACULTY
02.09.2025	Cardiopulmonary reserve assessment technique and relevance	Dr. Parthasaarathi	Dr. Divya Jacob
11.09.2025	Non Cardiac surgery after ACS - Part I	Dr. Athira	Dr. Don Jose
16.09.2025	Non Cardiac surgery after ACS - Part II	Dr. Athira	Dr. Jes Jose
25.09.2025	On and Off pump CABG - relevant literature	Dr. Annushha	Dr. Nagarjuna

CASE PRESENTATION (TIME: 7.15 AM - 8.00 AM)
(ATTENDEES: ALL FACULTIES & PGs)

DATE	TOPIC	PRESENTER	FACULTY
03.09.2025	Magnesium- Therapeutic roles and mechanisms in Cardiac Surgery patients	Dr. Nilkanth	Dr. Nagarjuna P
26.09.2025	Cardiogenic shock -Pathophysiology	Dr. Soundarya	Dr. Divya Jacob
27.09.2025	Cardiogenic shock - Management	Dr. Soundarya	Dr. Devika / Dr. Thushara Madathil
30.09.2025	ASD	Dr. Nilkanth	Dr. Rakhi B

GROUP DISCUSSION (TIME: 7.15 AM - 8.00 AM)
(ATTENDEES: ALL FACULTIES & PGs)

DATE	TOPIC	PRESENTER	FACULTY
09.09.2025	Myocardial stress tests- indications, types and role in decision making -Part I	Dr. Soundarya	Dr. Divya Jacob
17.09.2025	Mechanical complications of MI: LV Free Wall Rupture, LV pseudoaneurysm & LV Aneurysm	Dr. Nilkanth	Dr. Nagarjuna
22.09.2025	MRI myocardial viability	Dr. Mohan	Dr. Thushara Madathil / Dr. Divya Jacob
29.09.2025	Cardiogenic shock - Management	Dr. Divyalekshmi	Dr. Nagarjuna / Dr. Don Jose

JOURNAL CLUB (TIME: 7.15 AM - 8.00 AM)
(ATTENDEES: ALL FACULTIES & PGs)

DATE	TOPIC	PRESENTER	FACULTY
01.09.2025	Badge M, Hasija S, Chauhan S, Gayatri S, Bisoi AK, Kumar A. Evaluation of Intraoperative Bivalirudin Anticoagulation in Neonates and Infants Undergoing Arterial Switch Operation on Integrated ECMO-CPB Circuit: A Prospective Study. J Cardiothorac Vasc Anesth. 2025 Sep;39(9):2339-2345.	Dr. Rohini	Dr. Jessin P Jayasankar
12.09.2025	Nishigaki A, Ichinomiya T, Sato S, Kaneko S, Sekino M, Murata H, Hara T. Effects of Preoperative Low-dose Aspirin on the Incidence of Mesenteric Traction Syndrome in Open Abdominal Aortic Aneurysm Repair: A Retrospective Cohort Study. J Cardiothorac Vasc Anesth. 2025 Sep;39(9):2384-2389.	Dr. Emil	Dr. Barsha
15.09.2025	Kim Y, Kim SY, Chang HW, Jung JC, Lee JH, Park S, Kim JS. Analysis of Risk Factors for Heparin Resistance During Cardiac Surgery: Does Antithrombin Deficiency Cause Heparin Resistance? J Cardiothorac Vasc Anesth. 2025 Sep;39(9):2274-2283.	Dr. Divyalekshmi	Dr. Diana Thomas
19.09.2025	Zabida A, Foley K, Gonzalez CA, Chaverra S, Esteban MO, et al. Deep Parasternal Intercostal Plane Blocks and Their Role in a Cardiac Fast-Track Program. J Cardiothorac Vasc Anesth. 2025 Sep;39(9):2354-2361.	Dr. Parthasaarathi	Dr. Sharath Padmanabhan

MORTALITY & MORBIDITY
(TIME: 7.15AM - 8.00 AM)

DATE	TOPIC	FACULTY
23.09.2025	MAPCAS	Dr. Barsha
24.09.2025	Post cardiectomy patient on ECMO	Dr. Jes Jose

SURGICAL

- Major - 127
- Minor - 5

CLINICAL

- Procedures - 72
- Pac (IP) - 204



DR.THUSHARA MADATHIL
HEAD & ASSOCIATE PROFESSOR
DEPARTMENT OF CARDIAC ANAESTHESIA
AIMS, KOCHI.