

Residency Program

Logbook

MD Phase B (Cardiology)



Bangabandhu Sheikh Mujib Medical University
Dhaka, Bangladesh

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Essential Information for Using this Logbook

Objectives of the Logbook:

The purpose of the logbook is to provide one source of evidence for the University that a trainee has attained the desired level of competency required to sit for the MD (Cardiology) Phase B Final Examination. It is the record where Residents are going to document experiences and skills they will attain during their training. Residents should use a logbook to maintain records of their experience in bedside diagnostic and therapeutic procedures and attendance at educational activities. The Supervisors will periodically review the Logbooks to assess training progress and recommend remedial action where appropriate.

Instructions to the Residents:

Personal Information:

Please fill in all your personal information required. This will help the University to process your Logbook by the Course Director before sitting for the final exam. Your photograph should be attached to the logbook and you should sign the personal information page.

Registration with BSMMU:

Before starting training you have to be registered with the Registration Department of BSMMU.

Clinical Case Log:

1. You will find a list of clinical problems to be managed during your training period. Your level of competence/performance in each case will be determined by your supervisor.
2. You need to mention the provisional or final diagnosis or the problems the patient had for each patient.
3. For each case write the date of the admission.
4. Each case entry should be signed by your supervisor. His signature is the proof of your actual participation.

Procedures' Log:

1. The logbook contains tables for required procedures to be done during different stages of training and the level of desired competency/performance at each stage.
2. Your supervisor should sign each procedure to document the event.

Academic Activities:

1. Academic activities that must be documented in the logbook are lectures, journal clubs, morbidity and mortality review meetings, and workshops or other conferences attended.
2. It is preferable that you and your supervisor determine the scientific content of the journal club based on your learning needs.
3. You are to record Mandatory Courses/Workshops and Conferences/Seminar/Symposium where you will record your CME activities whether inside or outside the training centre. Any attended activity must be signed by the workshop or conference organizer / coordinator.

Rotation / Block Training:

Faculty of Medicine of BSMMU has determined specific training rotations that you must go through during the training period (see your curriculum for details). After you finish each rotation make it signed by the Supervisor and countersigned by the Course Coordinator and chairman of the department.

Leave record:

Every leave application when forwarded by the supervisors should be entered in the leave record section of the book

Assessment of Logbook Activities:

1. Your supervisor will assess your logbook monthly to assess training progression and provide verbal or written feedback.
2. Your supervisor will send the End of Block Assessment Report (EBAR) to the Course Coordinator of the training department who will subsequently send the report to the Course Coordinator of the Parent Department. The Course Coordinator will send a copy of the Report to the Course Director through respective Chairman.

Important notice:

- It is your responsibility to maintain an accurate logbook and to regularly update your records.
- Shall you meet any difficulty, you must contact your supervisor/Course Coordinator or the Course Director.
- Unsatisfactory completion of the logbook would lead to delay of training progression.
- Unsatisfactory logbook at the end of training will prevent you from entering the Phase A final examination.
- It is the responsibility of the resident to keep the logbook safe and secured

Guidelines for the Supervisors:

1. The logbook is a day to day record of the clinical and academic work done by the Resident.
2. It is the responsibility of the supervisor to identify and inform the Resident of the area in which he/she is lacking and provide opportunities to improve the competence.
3. Supervisors or his/her designated consultant/trainer should sign the completed events on that particular day in the appropriate column of the Logbook.

Levels of Competence/Performance:

The level of competence/performance at which a skill is performed by the trainee should be recorded in the given column of the Logbook.

For Patient Management:

- Level 1: Assisted
- Level 2: Managed under supervision
- Level 3: Managed independently

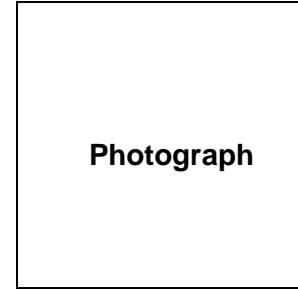
For Procedures:

- Level 1: Observed/Assisted
- Level 2: Performed under supervision
- Level 3: Performed independently

Note:

All entries in the Logbook should be verifiable and the Course Director reserves the right to demand evidence in the form of hospital records in order to verify the data provided in the record sheets

Resident's Personal Details



Course: MD (.....) Session:

Institution:

Name:	Date of Birth
Father's Name	Mother's Name
Address.....	
.....	
Telephone	E-mail
Nationality	National ID/Passport No:
BMDC Registration No	Valid upto:
Academic Data:	
Graduation (MBBS): Year: Institution:	
Resident ID No.....	
Completion of Phase A Training:	Date of Passing Phase A Exam.:.....
Previous Post graduation achieved:.....	Date of Passing:.....
Signature:	

Section I: *Patient Management Log*

**Minimum number of cases to be managed independently
(Level 3) during the training period**

Location/Services	Minimum number
Inpatient	150
Outpatient	200
Emergency	120

Patients' Case Log (In patient):
(Managed Independently- Level 3)

Sl. No	Date	Age/Sex Reg No.	Diagnosis/Problems	Supervisor's signature
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Patients' Case Log (In patient):
(Managed Independently- Level 3)

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Patients' Case Log (In patient):
(Managed Independently- Level 3)

Sl. No	Date	Age/Sex Reg No.	Diagnosis/Problems	Supervisor's signature
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Patients' Case Log (In patient):
(Managed Independently- Level 3)

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Patients' Case Log (In patient):
(Managed Independently- Level 3)

Sl. No	Date	Age/Sex Reg No.	Diagnosis/Problems	Supervisor's signature
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Patients' Case Log (In patient):
(Managed Independently- Level 3)

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Patients' Case Log (Outpatient):
(Managed Independently- Level 3)

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(Managed Independently- Level 3)

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(Managed Independently- Level 3)

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Patients' Case Log (Outpatient):
(Managed Independently- Level 3)

Sl. No	Date	Age/Sex Reg No.	Diagnosis/Problems	Supervisor's signature
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Patients' Case Log (Outpatient):
(Managed Independently- Level 3)

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Patients' Case Log (Outpatient):
(Managed Independently- Level 3)

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Patients' Case Log (Outpatient):
(Managed Independently- Level 3)

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(Managed Independently- Level 3)

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Patients' Case Log (Emergency):
(Managed Independently- Level 3)

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Patients' Case Log (Emergency):
(Managed Independently- Level 3)

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Patients' Case Log (Emergency):
(Managed Independently- Level 3)

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Patients' Case Log (Emergency):
(Managed Independently- Level 3)

Sl. No	Date	Age/Sex Reg No.	Diagnosis/Problems	Supervisor's signature
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Patients' Case Log (Emergency):
(Managed Independently- Level 3)

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Section III: Investigations and *Procedures' Log*

Number of Investigations/Procedures and level competence/performance which must be attained during the Training Program

Investigation/Procedures	Level of Competence	Minimum number to be done during the training period
Ambulatory (Holter) ECG	2	20
	3	20
Exercise ECG Testing	1	20
	2	30
	3	100
Ambulatory BP Monitoring	1	10
	2	5
	3	5
Echo-Doppler Studies	1	30
	2	30
	3	100
Transoesophageal Echo	1	30
	2	20
Stress Echocardiography	1	30
	2	30
Nuclear studies	1	20
	2	20
Cardiac CT	1	10
	2	10
Cardiac MR	1	10
	2	10
Cardiac Cath & Angiography	1	20
	2	20
	3	20
Coronary Angiography	1	50
	2	30
	3	20
Percutaneous Coronary Intervention	1	50
	2	20
Percutaneous Non-Coronary Intervention	1	20
	2	20
Temporary Cardiac Pacing	1	20
	2	30
Pacemaker Implantation	1	20
	2	20
ICD Implantation	1	5
	2	5
Pacemaker/ICD Programming	1	10
	2	10
Electrophysiological Studies/Ablation	1	5
	2	5
Pericardiocentesis	1	10
	2	10
	3	10

Ambulatory (Holter) ECG

Sl No	Date	Age/Sex Reg No	Interpretation	Level of performance	Supervisor's signature
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Ambulatory (Holter) ECG

Sl No	Date	Age/Sex Reg No	Interpretation	Level of performance	Supervisor's signature
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Exercise ECG Testing

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Exercise ECG Testing

Sl No	Date	Age/Sex Reg No	Interpretation	Level of performance	Supervisor's signature
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Exercise ECG Testing

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Exercise ECG Testing

Sl No	Date	Age/Sex Reg No	Interpretation	Level of performance	Supervisor's signature
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Exercise ECG Testing

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Exercise ECG Testing

Sl No	Date	Age/Sex Reg No	Interpretation	Level of performance	Supervisor's signature
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Ambulatory BP Monitoring

Sl No	Date	Age/Sex Reg No	Interpretation	Level of performance	Supervisor's signature
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Echo-Doppler Studies

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Echo-Doppler Studies

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Echo-Doppler Studies

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Echo-Doppler Studies

Sl No	Date	Age/Sex Reg No	Interpretation	Level of performance	Supervisor's signature
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Echo-Doppler Studies

Sl No	Date	Age/Sex Reg No	Interpretation	Level of performance	Supervisor's signature
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Echo-Doppler Studies

Sl No	Date	Age/Sex Reg No	Interpretation	Level of performance	Supervisor's signature
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Echo-Doppler Studies

Sl No	Date	Age/Sex Reg No	Interpretation	Level of performance	Supervisor's signature
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Trans-esophageal Echocardiography

Sl No	Date	Age/Sex Reg No	Interpretation	Level of performance	Supervisor's signature
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Trans-esophageal Echocardiography

SI No	Date	Age/Sex Reg No	Interpretation	Level of performance	Supervisor's signature
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Stress Echocardiography

Sl No	Date	Age/Sex Reg No	Interpretation	Level of performance	Supervisor's signature
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Stress Echocardiography

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Stress Echocardiography

Sl No	Date	Age/Sex Reg No	Interpretation	Level of performance	Supervisor's signature
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Nuclear Studies

Sl No	Date	Age/Sex Reg No	Interpretation	Level of performance	Supervisor's signature
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Nuclear Studies

SI No	Date	Age/Sex Reg No	Interpretation	Level of performance	Supervisor's signature
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Cardiac CT

Sl No	Date	Age/Sex Reg No	Interpretation	Level of performance	Supervisor's signature
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Cardiac MRI

Sl No	Date	Age/Sex Reg No	Interpretation	Level of performance	Supervisor's signature
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Cardiac Catheterization and Angiography

Sl No	Date	Age/Sex Reg No	Interpretation	Level of performance	Supervisor's signature
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Cardiac Catheterization and Angiography

Sl No	Date	Age/Sex Reg No	Interpretation	Level of performance	Supervisor's signature
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Cardiac Catheterization and Angiography

Sl No	Date	Age/Sex Reg No	Interpretation	Level of performance	Supervisor's signature
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Coronary Angiography

Sl No	Date	Age/Sex Reg No	Interpretation	Level of performance	Supervisor's signature
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Coronary Angiography

Sl No	Date	Age/Sex Reg No	Interpretation	Level of performance	Supervisor's signature
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Coronary Angiography

Sl No	Date	Age/Sex Reg No	Interpretation	Level of performance	Supervisor's signature
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Coronary Angiography

Sl No	Date	Age/Sex Reg No	Interpretation	Level of performance	Supervisor's signature
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Percutaneous Coronary Interventions

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Percutaneous Coronary Interventions

SI No	Date	Age/Sex Reg No	Interpretation	Level of performance	Supervisor's signature
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Percutaneous Coronary Interventions

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Percutaneous Non-Coronary Interventions

SI No	Date	Age/Sex Reg No	Interpretation	Level of performance	Supervisor's signature
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Percutaneous Non-Coronary Interventions

SI No	Date	Age/Sex Reg No	Interpretation	Level of performance	Supervisor's signature
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Temporary Cardiac Pacing

Sl No	Date	Age/Sex Reg No	Interpretation	Level of performance	Supervisor's signature
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Temporary Cardiac Pacing

SI No	Date	Age/Sex Reg No	Interpretation	Level of performance	Supervisor's signature
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Pacemaker Implantation

Sl No	Date	Age/Sex Reg No	Interpretation	Level of performance	Supervisor's signature
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Pacemaker Implantation

Sl No	Date	Age/Sex Reg No	Interpretation	Level of performance	Supervisor's signature
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ICD Implantation

Sl No	Date	Age/Sex Reg No	Interpretation	Level of performance	Supervisor's signature
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Pacemaker/ICD Programming

Sl No	Date	Age/Sex Reg No	Interpretation	Level of performance	Supervisor's signature
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Electrophysiological Studies/Ablation

Sl No	Date	Age/Sex Reg No	Interpretation	Level of performance	Supervisor's signature
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Pericardiocentesis

Sl No	Date	Age/Sex Reg No	Interpretation	Level of performance	Supervisor's signature
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Pericardiocentesis

Sl No	Date	Age/Sex Reg No	Interpretation	Level of performance	Supervisor's signature
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Section IV: *Academic Activities*

Academic Activities

Events	Minimum number required
Lectures attended	70% of the schedule lecture
Tutorials/small group teaching attended	70% of the schedule
Journal Club Presentations	20
Mortality/Morbidity meeting Presentations	70% of the schedule
Post Cath Meeting Presentations	100
Grand Round/clinical meeting Presentations	20
Mandatory Courses/Workshops Attended*	
Conferences/Seminars/Symposium/Workshop/CME Attended*	5
Papers/Posters presented in conferences/seminars/symposium*	5
Papers/abstracts published in BMDC approved Journals	

**Certificate of attendance and active participation has to be produced*

Mandatory Courses/Workshops Attended:
(As per Curriculum requirement)

Course/Workshop	Date	Venue	Supervisor's signature
Research Methodology			
CPR			
IT and Health Informatics			
Medical Education			

Note: Certificate of satisfactory completion/attendance must be attached

Papers/Posters Presented in Conference/seminar:

Title	Conference	Venue	Supervisor's signature

Note: Certificate of attendance must be attached

Papers/Abstracts Published in BMDC Approved Journals:

Title	Full Reference	Supervisor's signature

Note: Full reference of the article should be given

B. Patient Management:

Period:

Sl. No.	Events/ Tasks	Minimum requisite number for the training period	Number performed
1	Patient management Log (In patient)	150	
2	Patient management Log (Out patient)	200	
3	Patient management Log (Emergency)	120	

C. Clinic Sessions:

Period:

Clinic	Min requisite No for the training period	Number performed
Hypertension	30	
Heart Failure	25	
Pacemaker	10	
Multispecialty	20	

Trainee's signature and
Date.....

Trainee's Name.....
ID No.....

D. Investigations and Practical Procedures:

Period:

Investigation/Procedures	Level of Competence	Minimum number to be done during the training period	Total Number done
Ambulatory (Holter) ECG	2	20	
	3	20	
Exercise ECG Testing	1	20	
	2	30	
	3	100	
Ambulatory BP Monitoring	1	10	
	2	5	
	3	5	
Echo-Doppler Studies	1	30	
	2	30	
	3	100	
Transoesophageal Echo	1	30	
	2	20	
Stress Echocardiography	1	30	
	2	30	
Nuclear studies	1	20	
	2	20	
Cardiac CT	1	10	
	2	10	
Cardiac MR	1	10	
	2	10	
Cardiac Cath & Angiography	1	20	
	2	20	
	3	20	
Coronary Angiography	1	50	
	2	30	
	3	20	
Percutaneous Coronary Intervention	1	50	
	2	20	
Percutaneous Non-Coronary Intervention	1	20	
	2	20	
Temporary Cardiac Pacing	1	20	
	2	30	
Pacemaker Implantation	1	20	
	2	20	
ICD Implantation	1	5	
	2	5	
Pacemaker/ICD Programming	1	10	
	2	10	
Electrophysiological Studies/Ablation	1	5	
	2	5	
Pericardiocentesis	1	10	
	2	10	
	3	10	

E. Academic Activities:

Period:

Events	Minimum number required	No. performed/ % performed
Lectures attended	70% of the schedule lecture (150)	
Tutorials/small group teaching attended	70% of the schedule (150)	
Journal Club Presentations	20	
Mortality/Morbidity meeting Presentations	70% of the schedule (100)	
Post Cath Meeting Presentations	100	
Grand Round/clinical meeting Presentations	20	
Clinical Audit	70% of the schedule	
Mandatory Courses/Workshops Attended*		
Conferences/Seminars/Symposium/Workshop/CME Attended*		
Papers/Posters presented in conferences/seminars/symposium		
Papers/abstracts published in BMDC approved Journals		

Trainee's signature and

Date.....

Trainee's Name.....

ID No.....

COUNTERSIGNED

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Course coordinator

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Chairman