

Log Book

For

**Diploma In Orthopaedic Surgery
(D-Ortho)**



**Bangabandhu Sheikh Mujib Medical University
Shahbagh, Dhaka-1000**

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Particulars of the Candidate

Name.....

Father's Name.....

Mother's Name.....

Date of Birth.....

Year and Institute of Graduation.....

Present Address.....

.....

Permanent Address.....

Tel.....

Registration No. (BMDC).....

Name of the Course.....

Session.....

Date of joining in the Course.....

Date of Completion of Course.....

Section-A

Purpose of this log book

1. This log book will form a part of the pre-requisite for appearing in Diploma (Orth.) examination.
2. This log book will help the trainee to record his/her training in brief, so that experience can be recorded and deficiencies identified and corrected.
3. This log book will help the supervisor to assess the supervisor to assess the overall training and provide with extra experience for trainees in the areas where it is most needed.

Instructions to the Resident

1. The trainee is required to maintain the log book throughout the course period and entries into the log book should be made from the beginning of the course
2. Trainees are advised to carry the log book with them at all times and to fill it on the same day of the activity.
3. All entries must be signed by the immediate supervisor(Registrar and above)
4. The trainee should discuss the progress of the log book with their supervisor at least every two months and a summary of experience must be signed at three months. This regular assessment allows deficiencies in either experience gained or experience available to be remedied early in the posting.
5. The trainee should bring to the examination any completed log book in his/her possession as well as current log book.
6. The trainee may consult with the supervisor course co-ordinator regarding log book.

Guidelines for Supervisors

1. An immediate supervisor is one who is designated by the Head of Dept. /Unit and should have relevant post-graduate clinical experience and who holds a postgraduate degree.
2. A formal two monthly review of the trainee's progress is required.
3. The aim of such a review is to ensure that the trainee is exposed to and is taught all aspects of the specialty available in the department
4. Immediate supervisors should ascertain that the entries in the log book are made soon after procedure/seminar/case presentation is completed and then certify it by signing the appropriate column.
5. Deficiencies in training both theoretical and practical should be recognized and appropriate steps be taken to overcome them. If it is impossible it should be stated by stated and the reason given. Any apparent deficiency in training which have been dealt with outside the log book year should be noted by the candidate so that information is available to the Institute.

Objective of the Course Program

At the end of the course a trainee should be able to:

01. Initial assessments of the patients with symptoms related to General Orthopaedic & Trauma problem.
 - a) Obtaining pertinent history and keep the records in written.
 - b) Performing physical examinations correctly.
 - c) Formulating a working diagnosis.
 - d) Planning and enquiry strategy, ordering appropriate investigation and interpreting results.
 - e) Deciding whether the patient requires:
 - Ambulatory care or hospitalization.
 - Referral to other health professionals.

02. Manage Skillfully Orthopaedic & Trauma Patients from Emergency & OPD up to rehabilitation.

- a) Counseling individuals patients
- b) Examining the all relevant system
- c) Detecting pre-existing problems
- d) Detecting and treating any complication occurring during the treatment period which may be hazardous to the health of the patient.
- e) Conducting the operation at the most appropriate time and by the most appropriate method keeping in view the best interests of patient.
- f) Dealing of the problems in the post operative period
- g) Advising patient regards adequate post operative rehabilitation
- h) Maintaining follow up and records of patients including summarization and index.

03. Undertake research and publish finding.

04. Acquire new information, assess its utility and make appropriate applications

05. Recognize the role of team work and function as an effective member/ leader of the team.

Guidelines for the supervisors:

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

Important notice:

- It is your responsibility to maintain accurate and complete logbook and to regularly update your records.
- Shall you meet any difficulty; you must contact your supervisor or course coordinator/chairman.
- Unsatisfactory completion of the logbook would lead to delay of training progression.
- Unsatisfactory logbook at the end of training will prevent will prevent you from appeal the final examination.

Level 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 Managements:

Level 1: Observed/assisted (20% Total Number of Cases)

Level 2: Managed under supervision (60% Total Number of Cases)

Level 3: Managed independently (20% Total Number of Cases)

For procedures:

Level 1: Observed/assisted/interpretation (20% Total Number of Cases)

Level 2: performed under supervision (60% Total Number of Cases)

Level 3: Performed independently (20% Total Number of Cases)

Orthopaedic and Trauma

A. Out Patient Department and Ward

Sl.		Minimum No. of Cases	Total No. of Cases Performed	Level of Competence			Signature of Supervisor
				L-1	L-2	L-3	
01	Eliciting pertinent history	400					

B. Emergency Room (EMO) Activity:

Sl		Minimum No. of Cases	Total No. of Cases Performed	Level of Competence			Signature of Supervisor
				L-1	L-2	L-3	
01	Assessment on admission	200					
02	Closed reduction	100					
03	Traction- surface	40					
04	Traction- Skeletal	40					
05	Traction- Tong/ Halter	10					
06	Fasciotomy	10					
07	Amputation	10					

C. Operative Skill

01. General Skills

Sl.		Minimum No. of Cases	Total No. of Cases Performance	Level of Competence			Signature of Supervisor
				L-1	L-2	L-3	
01	Scrubbing	50					
02	Pre- operative Preparation	50					
03	Preparing trolley	50					
04	Exposure and Closure of operative field	80					
05	Stitch removal	40					
06	Management of wound infection and wound dehiscence	40					
07	Plastering sequence and management	150					
08	Wound debridement	40					
09	External fixator	10					
10	Implant removal	10					

Operation: Upper Limb

Sl.		Minimum No. of Cases	Total No. of Cases Performed	Level of Competence			Signature of Supervisor
				L-1	L-2	L-3	
01	Shoulder dislocation	10					
02	Fracture Shaft of Humerus (DCP/ Nailing)	10					
03	Supracondylar fracture	10					
04	Fracture of the condyle	10					
05	Olecranon fracture	10					
06	Fracture /dislocation of radius/Ulna/Carpal/Metacarpal/Phalanges	20					
07	Others						

Operation: Lower Limb

Sl		Minimum No. of Cases	Total No. of Cases Performed	Level of Competence			Signature of Supervisor
				L-1	L-2	L-3	
01	Fracture Neck of femur-Fixation/Artroplasty	15					
02	Trochanteric fracture	15					
03	Fracture shaft of femur	20					
04	Supra condylar fracture of femur	10					
05	Condylar fracture of femur	10					
06	Fracture Patella	20					
07	Tibial Plateau fracture	20					
08	Fracture shaft of tibia-fibula	40					
09	Ankle fracture	20					
10	Others						

Special Procedure

Sl		Minimum No. of Cases	Total No. of Cases Performed	Level of Competence			Signature of Supervisor
				L-1	L-2	L-3	
01	Arthroscopy	10					
02	Spine Surgery	20					
03	Hand Surgery	20					
04	Plastic Surgical Procedure	10					
05	Joint Replacement Surgery (THR, THR & others)	05					

PLACEMENT OF OTHERS DISCIPLINES
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General Surgery - 03 Months

Casualty Surgery - 03 Months

Orthopaedics & Traumatology Surgery -18 Months

INSTITUTE OF TRAINING

Name of Institution:.....

Total Numbers of Beds:

Unit:

ORGANOGRAMME			
PROFESSOR:			
ASSOCIATE PROFESSOR:			
ASSISTANT PROFESSOR:			
REGISTRAR/S			
NO. OF TRAINEE POSTS:			
NO. OF HOUSE PHYSICIAN/S			
NO. OF CASES ADMITTED EACH YEAR:		A) O.P.D:	
B) EMERGENCY:			
NO. OF O.P.D ATTENDENCE			
NO. OF EMERGENCY ATTENDENCE			
TOTAL NUMBER OF OPERATIONS	A) COT	B) DOT	C) EOT

WEEKLY PROGRAM

Period of Placement:

From.....To.....

ACTIVITY	DAY	SAT	SUN	MON	TUES	WED	THUR	FRI
	TIME	TIME	TIME	TIME	TIME	TIME	TIME	TIME
Emergency room duty								
Operation Theatre Attendance								
Ward Round								
Outpatient's Clinic								
Attendance of Lecture								
Attendance of bedside Clinical Demonstrations								
Others (Please Specify)								

LEAVE RECORD (CASUAL/STUDY/SICK/MATERNITY)

Sl. No	Types of Leave	From	To

Section-B

Out Patient Department and Ward:
(Orthopaedic and Trauma)

Sl. No.	Date	Approx no. of Cases	Signature of Supervisor

NOTE: If the pages are inadequate in number the candidate may inset extra photocopied sheets.

EMERGENCY ROOM (EMO) ACTIVITY: SECTION-1**UNIT:**

Sl. no	Date	Assessment on admission	Closed reduction	Level of Participation	Total no. of Traction-surface

NOTE: If the pages are inadequate in number the candidate may inset extra photocopied sheets.

EMERGENCY ROOM (EMO) ACTIVITY: SECTION-2 UNIT:

Sl. no	Date	Traction-Skeletal	Traction-Tong/Halter	Fasciotomy	Amputation	Level of Participation	Signature of Supervisor

NOTE: If the pages are inadequate in number the candidate may inset extra photocopied sheets.

OPERATIVE SKILL:

GENERAL SKILL: SECTION-01

UNIT:

Sl.	Date	Scrubbing	Preoperative Preparation	Preparing trolley	Exposure and Closure of operative field	Stitch removal	Level of Participation	Signature of Supervisor

NOTE: If the pages are inadequate in number the candidate may inset extra photocopied sheets.

OPERATIVE SKILL:
GENERAL SKILL:

SECTION-02

UNIT:

Sl.	Date	Management of wound infection and wound dehiscence	Plastering sequence and management	Wound debridement	External fixator	Implant removal	Level of Participation	Signature of Supervisor

NOTE: If the pages are inadequate in number the candidate may inset extra photocopied sheets.

OPERATION : (UPPER LIMB)

SECTION-01

UNIT:

Sl. no	Date	Shoulder dislocation	Fracture Shaft of Humerus (DCP/Nailing)	Supra Condylar fracture	Fracture of the Condyle	Level of Participation	Signature of Supervisor

NOTE: If the pages are inadequate in number the candidate may inset extra photocopied sheets.

OPERATION: (UPPER LIMB) SECTION-02

UNIT:

Sl. no	Date	Olecranon Fracture	Fracture/dislocation of radius/Ulna/Carpal/Metacarpal/Phalanges	Others	Level of Participation	Signature of Supervisor

NOTE: If the pages are inadequate in number the candidate may inset extra photocopied sheets.

OPERATION: (LOWER LIMB) SECTION-01

UNIT:

Sl. no	Date	Fracture Neck of femur - Fixation/Arthroplasty	Trochanteric fracture	Fracture Shaft of femur	Supra Condylar fracture of femur	Condylar fracture of femur	Level of Participation	Signature of Supervisor

NOTE: If the pages are inadequate in number the candidate may inset extra photocopied sheets.

OPERATION: (LOWER LIMB) SECTION -02**UNIT:**

Sl. no	Date	Fracture Patella	Tibial Plateau fracture	Fracture Shaft of tibia-fibula	Ankle fracture	Others Operation	Level of Participation	Signature of Supervisor

NOTE: If the pages are inadequate in number the candidate may inset extra photocopied sheets.

SPECIAL PROCEDURE:

Sl. no	Date	Arthroscopy	Spine Surgery	Hand Surgery	Plastic Surgical Procedure	Hip Replacement (THR)	Knee Replacement (TKR)	Level of Participation	Signature of Supervisor

NOTE: If the pages are inadequate in number the candidate may inset extra photocopied sheets.

Section-C

**INTERESTING CASES
PRESENTED FOR OPINION**

Sl. No	Date	Description

NOTE: If the pages are inadequate in number the candidate may inset extra photocopied sheets.

ACADEMIC ACTIVITIES

01. Cases Presented
02. Lecture Attended (Topics)
03. Clinico-pathological Conferences
04. Clinical Meetings Journal club

Others Activities e.g. clinical meetings, conference/workshops etc.

Date	Title of Activity	Detail	Venue	Signature of Supervisor

NOTE: If the pages are inadequate in number the candidate may inset extra photocopied sheets.

SUMMARY OF TRAINING

Sl.	Item	Minimum No. of Cases	Total No. of Cases Performed	No. of Cases Performed			Signature of Supervisor
				L-1 20%	L-2 60%	L-3 20%	
01.	Out Patient Department And Ward	400					
02.	Emergency Room(EMO) Activity	410					
03.	Operative Skill (General Skills)	490					
04.	Operation: Upper limb	70					
05.	Operation: Upper limb	170					
06.	Special Procedure	70					
07.	Others						



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Diploma trainee's Block progress report

Name of the trainee : Session :
Name of the course : Reg. No:
Name of the institute :
Period of block :

Performance	Poor	Satisfactory	Good	Excellent
Written*				
Clinical- Practical*				
Oral*				
Attendance*				
Attitude				

* Poor: <50%, Satisfactory: \geq 50-60%, Good: >60-75%, Excellent : >75%

Note: "Poor" grade in more than two performance during a particular block means deficient training and also cause disqualification for appearing in the final examination unless training in particular block is complete.

Signature:

Head of the Department

(Seal)