

**UNIVERSITY OF PATRAS FACULTY OF MEDICINE**



**ΠΑΝΕΠΙΣΤΗΜΙΟ  
ΠΑΤΡΩΝ**  
UNIVERSITY OF PATRAS

**LOGBOOKS FOR CLINICAL TRAINING OF MEDICAL STUDENTS**

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**UNIVERSITY OF PATRAS FACULTY OF MEDICINE**

**DEPARTMENT OF PATHOLOGY**

**HEAD: PROFESSOR VASILIKI ZOLOTA**



**ΠΑΝΕΠΙΣΤΗΜΙΟ  
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UNIVERSITY OF PATRAS

**LOGBOOK FOR CLINICAL TRAINING OF MEDICAL STUDENTS IN  
PATHOLOGY**

**STUDENT'S NAME:**

**STUDENT'S ID:**

**TRAINING START DATE:**

**TRAINING END DATE:**

**TRAINING SUPERVISOR:**

## **Introduction:**

The elective clinical training in Pathology aims to familiarize students with the entire spectrum of the practice of Pathology in a tertiary care center, with both classical and modern techniques and methods.

Students gain knowledge and experience regarding pathology services, including:

- Gross examination and processing of biopsy material and resection specimens
- Processing of tissues in the laboratory
- Use and contribution to diagnosis of ancillary techniques like immunohistochemistry
- Process of formulation of the final diagnosis

The students, through clinical problem solving, study and comprehend the importance of histopathologic diagnosis as a process that integrates the clinical and laboratory data that are available for each case and results in the final treatment decisions. Lastly, the students are introduced to the practical application of prognostic and predictive biomarkers in the targeted therapeutic approach of malignant neoplasms.

The students observe the everyday routine of the Department of Pathology of the University General Hospital of Patras. In particular, they observe the gross and microscopic evaluation of specimens (biopsy material, surgical specimens) and the clinicopathologic discussions with Clinical Doctors of various specialties and they attend the intradepartmental educational meetings. They have the opportunity to examine cases covering a wide diagnostic spectrum of Pathology dealing with inflammatory and neoplastic diseases of almost all organ systems included in the subject of Systemic Pathology (Pathology II).

<b>STUDENTS LOGBOOK</b>	
<b>NAME:</b>	<b>STUDENT ID:</b>
Activity	Date/Supervisor Signature
Overview of pathology workflow	
Exposure in the gross examination and cutting of biopsies and resection specimens	
Principles of intraoperative consultation: cutting and interpretation of frozen sections	
Review of the histologic slides and clinical history of selected cases of lung cancer for clinicopathologic correlation	
Review of the histologic slides and clinical history of selected cases of breast carcinomas for clinicopathologic correlation	
Review of the histologic slides and clinical history of selected cases of GU tumours for clinicopathologic correlation	
Review of the histologic slides and clinical history of selected cases of lymphomas for clinicopathologic correlation	
Review of the histologic slides and clinical history of selected cases of GI diseases for clinicopathologic correlation	
Review of the histologic slides and clinical history of selected cases of melanomas for clinicopathologic correlation	
Review of the histologic slides and clinical history of selected cases of gynaecological diseases for clinicopathologic correlation	
Assessment of the diagnostic algorithm for metastases of unknown origin	
Principles of digital pathology	

**UNIVERSITY OF PATRAS FACULTY OF MEDICINE**

**DEPARTMENT OF VASCULAR SURGERY**

**HEAD: PROFESSOR S. KAKKOS**



**ΠΑΝΕΠΙΣΤΗΜΙΟ  
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UNIVERSITY OF PATRAS

**LOGBOOK FOR CLINICAL TRAINING OF MEDICAL STUDENTS IN  
VASCULAR SURGERY**

**STUDENT'S NAME:**

**STUDENT'S ID:**

**TRAINING START DATE:**

**TRAINING END DATE:**

**TRAINING SUPERVISOR:**

**Introduction:**

The training of fifth-year and sixth-year students in Vascular Surgery includes the active participation and observation of clinical and educational activities of the clinic for two (2) weeks, as described in the Study Guide of the University of Patras Faculty of Medicine. During this time each student should complete the training logbook in collaboration with the training supervisor. Once the training logbook has been submitted for evaluation by the training coordinator and deemed satisfactory the student may take the final examination.

**Contents:**

1. Clinical skills
2. Case recording
3. Medical operations

**1. CLINICAL SKILLS  
(TO BE ACQUIRED IN THE COURSE OF TRAINING)**

<b>Clinical Skill</b>	<b>Date</b>	<b>Signature of Training Supervisor</b>	<b>Remarks</b>
Medical history acquisition			
Clinical examination of the patient			
Peripheral flow monitoring using a Doppler device			
Measurement of Ankle Brachial Index (ABI)			
Postoperative monitoring			

**2. RECORDING AND ANALYSIS OF CLINICAL CASES DURING TRAINING**

1	Acute limb ischemia
2	Diabetic foot
3	Vascular trauma
4	Peripheral artery aneurysms
5	Visceral artery aneurysms
6	Superficial venous thrombosis of lower limbs
7	Deep vein thrombosis of lower limbs
8	Atherosclerotic carotid extracranial disease
9	Lymphatic vessel diseases
10	Chronic venous disease of the lower limbs
11	Peripheral arterial disease
12	Abdominal aortic aneurysm



**INCIDENT REPORT FORM**

<b>Patient demographic data</b>	
<b>Reason for admission</b>	
<b>Medical history (individual, family, social)</b>	
<b>Objective examination by systems/SBD</b>	

<b>Differential diagnosis</b>	
<b>Laboratory tests</b>	
<b>Imaging tests</b>	
<b>Disease course</b>	

**Remarks by the Training Supervisor:**

### 3. MEDICAL OPERATIONS

	Date	Supervisor signature	Date	Supervisor signature	Date	Supervisor signature
Measurement of Vital Signs						
Blood gas sampling and interpretation						
Interpretation of post-operative laboratory tests						
Interpretation of chest X-ray						
Measurement of CSF						
Blood collection						
Peripheral venous line placement						
Wound debridement						
Removal of sutures - metal anchors						
Removal of drains						
Participation in surgical procedures						
Participation in on-call duty						

**UNIVERSITY OF PATRAS FACULTY OF MEDICINE**

**DEPARTMENT OF INTERNAL MEDICINE**

**UNIT OF HAEMATOLOGY AND TRANSPLANTATION OF PRIMARY  
HEMATOPOIETIC CELLS**

**HEAD: PROFESSOR ALEXANDROS SPYRIDONIDIS**



**ΠΑΝΕΠΙΣΤΗΜΙΟ  
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UNIVERSITY OF PATRAS

**LOGBOOK FOR CLINICAL TRAINING OF MEDICAL STUDENTS IN  
HAEMATOLOGY**

**STUDENT'S NAME:**

**STUDENT'S ID:**

**TRAINING START DATE:**

**TRAINING END DATE:**

**TRAINING SUPERVISOR:**

**Introduction:**

Training in Haematology is provided in the fifth and sixth year of the students' studies as an option for the students in each of the above years. The training in Hematology includes the active participation and observation of the clinical and educational activities of the Department of Hematology for 2 weeks (25 hours per week, total 4 ECTS), according to the Study Guide of the Faculty of Medicine of the University of Patras. During this period each student should complete the training logbook in collaboration with the training supervisor of his/her group. Once the training logbook has been submitted for evaluation by the training supervisor and deemed satisfactory the student is graded. There are no examinations at the end of the training, except for the examination in Internal Medicine.

**Contents:**

1. Clinical skills
2. Case recording
3. Medical operations

**1. CLINICAL SKILLS  
(TO BE ACQUIRED IN THE COURSE OF TRAINING)**

<b>Clinical Skill</b>	<b>Date</b>	<b>Signature of Training Supervisor</b>	<b>Remarks</b>
Medical history acquisition			
Clinical examination (general)			
Clinical examination of lymph nodes			
Clinical examination of liver-spleen			
Clinical examination - particularities in neutropenic patients, patients with thrombocytopenia or anaemia.			
Observation of the execution of an osteomyeloid biopsy			
Observation of transplantation / transplanted patients			

## 2. RECORDING AND ANALYSIS OF CLINICAL CASES DURING TRAINING

1	Anaemia-Undefined
2	Anaemia-Seropenic
3	Anaemia-Major cell anaemia (megaloblastic and non-
4	Leukopenia-Hyperopenia
5	Leukocytosis
6	Thrombocytopenia
7	Thrombocytosis
8	Myelodysplastic syndrome-Myeloid aplasia
9	Acute Myelogenous Leukaemia/Acute Lymphoblastic
10	Hodgkin's lymphoma
11	Non-Hodgkin's lymphoma
12	Chronic lymphoproliferative syndromes
13	Chronic myeloproliferative syndromes

**INCIDENT REPORT FORM**

<b>Patient demographic data</b>	
<b>Reason for admission</b>	
<b>Medical history (individual, family, social)</b>	
<b>Objective examination by systems (with emphasis on detailed physical examination of lymph nodes, liver, spleen)</b>	



<p><b>Differential diagnosis</b></p>	
<p><b>Laboratory tests</b>  (with special emphasis on complete blood count, immunophenotype, and special tests depending on the disease - myeloma, lymphoma, etc.)</p> <p><b>Microscopic study of peripheral blood and marrow smear</b></p> <p><b>CT scan study for lymphadenopathy.</b></p> <p><b>PET Scan study.</b></p>	
<p><b>Working diagnosis and final diagnosis</b></p>	

**Remarks by the Training Supervisor:**

### 3. MEDICAL OPERATIONS (required number in brackets)

	Date	Supervisor signature	Date	Supervisor signature	Date	Supervisor signature
Measurement of Vital Signs (3)						
Observation of osteomyelitis biopsy (3)						
Observation of microscopic examination of peripheral blood and marrow smear (5)						

**UNIVERSITY OF PATRAS FACULTY OF MEDICINE**

**DEPARTMENT OF ANAESTHESIOLOGY AND**

**INTENSIVE CARE**



**ΠΑΝΕΠΙΣΤΗΜΙΟ  
ΠΑΤΡΩΝ**  
UNIVERSITY OF PATRAS

**HEAD: PROFESSOR G. VOGIATZIS**

**LOGBOOK FOR CLINICAL TRAINING OF MEDICAL STUDENTS IN  
'PRINCIPLES AND SPECIAL TOPICS IN ANAESTHESIOLOGY'**

**STUDENT'S NAME:**

**STUDENT'S ID:**

**TRAINING START DATE:**

**TRAINING END DATE:**

**TRAINING SUPERVISOR:**

**Introduction:**

The training of fourth year students in Anaesthesiology includes active participation and observation of the clinic (operating theatres/PACU) and educational activities of the clinic for 13 weeks. Student activities are outlined in the course outline and the hours of teaching/attendance in the clinic are determined according to the students' other commitments in consultation with the training supervisor(s). In the meantime, each student should complete the training logbook in collaboration with their team training supervisor. Once the training logbook has been submitted for evaluation by the training coordinator and is deemed satisfactory, the student may take the final examination.

**Contents:**

1. Clinical skills
2. Case recording
3. Medical operations

**1. CLINICAL SKILLS  
(TO BE ACQUIRED IN THE COURSE OF TRAINING)**

<b>Clinical Skill</b>	<b>Date</b>	<b>Signature of Training Supervisor</b>	<b>Remarks</b>
Medical history acquisition/preoperative assessment of patients, medications			
Pulmonary Function Assessment			
Air duct assessment			
Cardiovascular Assessment			
Neurological examination			
Assessment of renal function			
Assessment of laboratory and coagulation tests and the possibility of performing a regional anaesthesia			
Introduction and maintenance of anaesthesia			
Rapid induction of anaesthesia			
Methods of securing the airway			
Basic principles of mechanical ventilation			

Monitoring in the operating theatre and in the PACU			
Basic principles of regional anaesthesia			
Assessment/treatment of post-operative pain			
Monitoring of patients in PACU / Common complications			
Management of multi-injury patients			

**2. RECORDING AND ANALYSIS OF CLINICAL CASES DURING TRAINING  
INCIDENT REPORT FORM**

<b>Patient demographic data</b>	
<b>Surgical operation</b>	
<b>Pre-operative assessment of patients, medication, pulmonary, cardiac, and renal function tests, neurological assessment, and assessment of laboratory tests</b>	
<b>Type of anaesthesia (general or regional)</b>	

<b>Introduction to anaesthesia (drugs, technique) - Intubation / use of supraglottic devices</b>	
<b>Method of maintenance of anaesthesia (drugs)</b>	
<b>Monitoring in the operating theatre and in the PACU</b>	
<b>Mechanical ventilation</b>	
<b>Arterial/central venous catheterisation</b>	
<b>Post-operative pain assessment/treatment</b>	
<b>Patient outcome</b>	

**Remarks by the Training Supervisor:**

### 3. MEDICAL OPERATIONS (number required in brackets)

	Date	Supervisor signature	Date	Supervisor signature	Date	Supervisor signature
Observation of introduction to anaesthesia/intubation (3)						
Use of supraglottic devices (2)						
Haemodynamic Monitoring (3)						
Monitoring of anaesthesia depth (2)						
Regional anaesthesia (3)						
Mechanical ventilation (3)						
Ventilators - basic principles (2)						
Use of volatile anaesthetics (2)						
Interpretation of blood gases (2)						
Arterial/central venous catheterisation monitoring (3)						
Subarachnoid anaesthesia monitoring (2)						
Monitoring of epidural catheter placement (2)						
Management of pain in PACU (2)						



**UNIVERSITY OF PATRAS FACULTY OF MEDICINE**

**DEPARTMENT OF OBSTETRICS AND**

**GYNECOLOGY**



**ΠΑΝΕΠΙΣΤΗΜΙΟ  
ΠΑΤΡΩΝ**  
UNIVERSITY OF PATRAS

**HEAD: PROFESSOR GEORGE ADONAKIS**

**LOGBOOK FOR CLINICAL TRAINING OF MEDICAL STUDENTS IN  
OBSTETRICS AND GYNECOLOGY**

**STUDENT'S NAME:**

**STUDENT'S ID:**

**TRAINING START DATE:**

**TRAINING END DATE:**

**TRAINING SUPERVISOR:**

## MEDICAL STUDENT EDUCATIONAL OBJECTIVES AND SKILLS LOGBOOK

STUDENT'S NAME	SEMESTER	ID

Activity	P = Performed O = Observed	Number	Supervising Clinician Signature
<b>OBSTETRICS</b>			
OB antenatal care visit	O	10	
OB patient oral presentation	P	5	
Prenatal ultrasound	O	2	
Interpretation of fetal heart tracing	P	5	
Labor cervical exam check	P	5	
Vaginal Delivery	O	10	
Perineal laceration repair	O	5	
Operative vaginal delivery	O	2	
Cesarean section	O	5	
Delivery Notes	P	2	
Postpartum notes	P	2	
Postpartum lactation counseling	O	2	
Tubal ligation	O	2	
<b>GYNECOLOGY</b>			
Clinical breast exam	P	5	
Pelvic (bimanual) examination	P	10	
Pap test	P	5	
Cervical cultures	P	5	
Colposcopy	O	2	
Hysterectomy	O	5	
Laparoscopy-endoscopy	O	3	
D&C / D&E	O	3	
GYN brief operative notes	O	5	
GYN postoperative notes	O	5	
Foley catheter insertion	P	5	
Sterile technique	P	5	

<b>Diagnosis made</b>	<b>Number</b>	<b>Supervising Clinician Signature</b>
<b>OBSTETRICS</b>		
1st trimester bleeding	2	
3rd trimester bleeding	2	
Premature rupture of membranes	2	
Preterm labor	2	
Postpartum hemorrhage	1	
<b>GYNECOLOGY</b>		
Menopause/perimenopause	2	
Abnormal uterine bleeding	2	
Infertility	2	
Pelvic inflammatory disease	2	
Sexually Transmitted Infections + HIV counselling	5	
Fibroids	2	
Incontinence/prolapse	1	
Endometriosis	1	
Ectopic pregnancy	1	
Adnexal mass/cyst	2	
Postoperative Complications	1	

<b>Additional optional activities</b>	<b>Supervising Clinician Signature</b>
Victoria mannequin training	
Amphitheatre lectures	

Notes:

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**UNIVERSITY OF PATRAS FACULTY OF MEDICINE**

**DEPARTMENT OF DERMATOLOGY**

**HEAD: PROFESSOR S. GEORGIU**



**ΠΑΝΕΠΙΣΤΗΜΙΟ  
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**LOGBOOK FOR CLINICAL TRAINING OF MEDICAL STUDENTS IN  
DERMATOLOGY**

**STUDENT'S NAME:**

**STUDENT'S ID:**

**TRAINING START DATE:**

**TRAINING END DATE:**

**TRAINING SUPERVISOR:**

**Introduction:**

The training of fifth-year students in Dermatology includes the active participation and observation of clinical and educational activities of the clinic for two (2) weeks, as described in the Study Guide of the University of Patras Faculty of Medicine. During this time each student should complete the training logbook in collaboration with the training supervisor. Once the training logbook has been submitted for evaluation by the training coordinator and deemed satisfactory the student may take the final examination.

**Contents:**

1. Clinical skills
2. Case recording
3. Medical operations

**1. CLINICAL SKILLS  
(TO BE ACQUIRED IN THE COURSE OF TRAINING)**

<b>Clinical Skill</b>	<b>Date</b>	<b>Signature of Training Supervisor</b>	<b>Remarks</b>
Medical history acquisition			
Clinical skin examination			
Clinical examination of mucous membranes			
Introduction to Lesion Dermoscopy			
Introduction to Photobiology and Allergiology of the Skin			
Participation as an assistant in simple invasive procedures such as biopsies, trans-thermocoagulation etc.			
Dermatological wound-ulcer cleaning			
Identification and description of elementary skin lesions			
Ability to diagnose common dermatological diseases			

**2. RECORDING AND ANALYSIS OF CLINICAL CASES DURING TRAINING  
(Familiarity with the clinical picture, histological picture, aetiology and treatment of the following skin and sexually transmitted diseases)**

1	Psoriasis
2	Atopic Dermatitis
3	Contact dermatitis
4	Smooth Lichen
5	Pompholygous diseases A. Pemphigus B. Pompholygous pemphigoid
6	Bacterial infections (cellulitis, erysipelas, infectious wax)
7	Viral infections (herpes infections, acute warts)
8	Fungal infections (dermatophytosis, dandruff, candidiasis)
9	Parasitic infections (scabies, scabies, phthyriasis)
10	lupus erythematosus
11	Urticaria-angioedema
12	Syphilis
13	Gonorrhea
14	Epithelial skin tumours 3 A. Basal cell carcinoma B. Squamous cell carcinoma
15	Malignant melanoma
16	Dysplastic nevi
17	Seborrheic hyperkeratosis
18	Radial hyperkeratosis
19	Acne
20	Rosacea disease
21	Vasculitis

**INCIDENT REPORT FORM**

<b>Patient demographic data</b>	
<b>Reason for admission</b>	
<b>Medical history (individual, perinatal, family, social)</b>	
<b>Clinical examination of the skin-Description of skin lesions according to their location</b>	



<b>Objective examination by systems</b>	
<b>Differential diagnosis of Dermatopathy</b>	
<b>Laboratory tests</b>	
<b>Treatment and Course of Disease</b>	
<b>Diagnosis and final outcome</b>	

### 3. MEDICAL OPERATIONS (number required in brackets)

ALL mandatory and 2 optional medical operations are required.

	Date	Supervisor signature	Date	Supervisor signature	Date	Supervisor signature
Acquisition and presentation of medical history (1) (Mandatory)						
Participation in lesion dermoscopy (3) (Mandatory)						
Participation as an assistant in taking biopsies or surgical resections (3) (Mandatory)						
Participation as an assistant in diathermocoagulation (3) (Mandatory)						
Participation as an assistant in wound/ulcer cleaning (1) (Optional)						
Acquiring a culture of a skin lesion – nail filings (2) (Optional)						
Participation in the performance of allergy tests (prick, parch						

test) (1) (Optional)						
Participation in the performance of phototherapy / PUVA (1) (Optional)						

**UNIVERSITY OF PATRAS FACULTY OF MEDICINE**

**DEPARTMENT OF ANAESTHESIOLOGY AND**

**INTENSIVE CARE**



**ΠΑΝΕΠΙΣΤΗΜΙΟ  
ΠΑΤΡΩΝ**  
UNIVERSITY OF PATRAS

**HEAD: PROFESSOR G. VOGIATZIS**

**LOGBOOK FOR CLINICAL TRAINING OF MEDICAL STUDENTS IN  
INTENSIVE CARE**

**STUDENT'S NAME:**

**STUDENT'S ID:**

**TRAINING START DATE:**

**TRAINING END DATE:**

**TRAINING SUPERVISOR:**

**Introduction:**

The training of fifth and sixth year students in Intensive Care includes Surgery includes the active participation and observation of clinical and educational activities of the clinic for two (2) weeks, as described in the Study Guide of the University of Patras Faculty of Medicine. During this time each student should complete the training logbook in collaboration with the training supervisor. Once the training logbook has been submitted for evaluation by the training coordinator and deemed satisfactory the student may take the final examination.

**1. CLINICAL SKILLS  
(TO BE ACQUIRED IN THE COURSE OF TRAINING)**

<b>Clinical Skill</b>	<b>Date</b>	<b>Signature of Training Supervisor</b>	<b>Remarks</b>
Medical history acquisition			
Clinical examination by systems			
Airway management			
Intubation			
Percutaneous Tracheotomy			
Cardiovascular assessment - cardiovascular monitoring			
Non-Invasive Mechanical Ventilation, HNFO, CPAP systems			
Invasive Mechanical Ventilation, Basic principles of oxygenation and ventilation			
Monitoring of central line placement, arterial catheter placement			
Assessment, management, and follow-up of patients with head injuries and multi-injury			
Acid-base balance - Fluids - Electrolytes			
Infections in the ICU			
Sepsis			
Cerebral death - Organ donation			

**UNIVERSITY OF PATRAS FACULTY OF MEDICINE**

**DEPARTMENT OF INTERNAL MEDICINE**

**UNIT OF CARDIOLOGY**

**HEAD: PROFESSOR PERICLES DAVLOUROS**



**ΠΑΝΕΠΙΣΤΗΜΙΟ  
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UNIVERSITY OF PATRAS

**LOGBOOK FOR CLINICAL TRAINING OF MEDICAL STUDENTS IN  
CARDIOLOGY**

**STUDENT'S NAME:**

**STUDENT'S ID:**

**TRAINING START DATE:**

**TRAINING END DATE:**

**TRAINING SUPERVISOR:**

<b>STUDENTS LOGBOOK</b>	
<b>NAME:</b>	<b>STUDENT ID:</b>
Activity	Date/Supervisor Signature
Medical history acquisition	
Physical examination	
ECG	
Dyspnea	
Feeling of palpitations	
Chest pain	
Syncope	
Presentation of medical history (morning briefing)	
Clinical skills	
Morning visit/chamber tour	
Professor's comments during chamber tour	
On call duty	
Supervisor comments	
Grade/Score	



**UNIVERSITY OF PATRAS FACULTY OF MEDICINE**

**DEPARTMENT OF CARDIOTHORACIC**

**SURGERY**



**ΠΑΝΕΠΙΣΤΗΜΙΟ  
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UNIVERSITY OF PATRAS

**HEAD: ASSOC. PROFESSOR N. CHAROKOPOS**

**LOGBOOK FOR CLINICAL TRAINING OF MEDICAL STUDENTS IN  
CARDIOTHORACIC SURGERY**

**STUDENT'S NAME:**

**STUDENT'S ID:**

**TRAINING START DATE:**

**TRAINING END DATE:**

**TRAINING SUPERVISOR:**

**Introduction:**

The training of fifth-year and sixth-year students in Cardiothoracic Surgery includes the active participation and observation of clinical and educational activities of the clinic for two (2) weeks, as described in the Study Guide of the University of Patras Faculty of Medicine. During this time each student should complete the training logbook in collaboration with the training supervisor. Once the training logbook has been submitted for evaluation by the training coordinator and deemed satisfactory the student may take the final examination.

- The presence of the student at the daily visit is mandatory.
- Students are given the opportunity of at least 2 optional on-call visits.
- During the training program, students who wish to pursue a surgical specialty are offered the opportunity to discuss their orientation to the surgical subspecialties

**Contents:**

1. Clinical skills
2. Medical operations

**1. CLINICAL SKILLS  
(TO BE ACQUIRED IN THE COURSE OF TRAINING)**

<b>Clinical Skill</b>	<b>Date</b>	<b>Signature of Training Supervisor</b>	<b>Remarks</b>
Basic principles of patient approach, medical interviewing and medical history acquisition			
Cardiovascular clinical examination			
Clinical chest examination			
Interpretive approach to X-ray and CT of the chest			
Monitoring and interpretive approach of transthoracic, transesophageal and intraoperative ultrasound study of cardiac surgery patients			
Obtaining consent from the patient for surgery			
Observation of surgical procedures (Minimum 2)			
Basic principles of extracorporeal circulation			
Fundamentals of cardiac anaesthesia			
Pre-discharge discussion with patient and post-operative instructions			
Emergency course in Cardiothoracic surgery			
On call visit (2, optional)			

## 2. MEDICAL OPERATIONS

	Date	Supervisor signature
Measurement of Vital Signs		
Observation / performance of venipuncture - blood sampling		
Observation of Intubation		
Observation of chest tube placement and basic principles of chest drainage		
Basic training in blood collection from femoral vessels and other blood collection sites		
Postoperative wound care		
Preparation for entering an operating room (washing, use of sterile gloves, scrubs and ensuring sterile conditions)		
Familiarity with the use of sutures and basic principles of handling surgical instruments (forceps and needle nose pliers)		
Placement of TIFs (Optional)		

**UNIVERSITY OF PATRAS FACULTY OF MEDICINE**

**DEPARTMENT OF NEUROLOGY**

**HEAD: PROFESSOR E. CHRONI**



**ΠΑΝΕΠΙΣΤΗΜΙΟ  
ΠΑΤΡΩΝ**  
UNIVERSITY OF PATRAS

**LOGBOOK FOR CLINICAL TRAINING OF MEDICAL STUDENTS IN  
NEUROLOGY**

**STUDENT'S NAME:**

**STUDENT'S ID:**

**TRAINING START DATE:**

**TRAINING END DATE:**

**TRAINING SUPERVISOR:**

**Introduction:**

The training of fifth-year students in Neurology includes the active participation and observation of clinical and educational activities of the clinic for four (4) weeks, as described in the Study Guide of the University of Patras Faculty of Medicine. During this time each student should complete the training logbook in collaboration with the training supervisor. Once the training logbook has been submitted for evaluation by the training coordinator and deemed satisfactory the student may take the final examination.

**Contents:**

1. Clinical skills
2. Case recording
3. Medical operations

**1. CLINICAL SKILLS  
(TO BE ACQUIRED IN THE COURSE OF TRAINING)**

<b>Clinical Skill</b>	<b>Date</b>	<b>Signature of Training Supervisor</b>	<b>Remarks</b>
Medical history acquisition			
Communication level test			
Examination of cranial conjugations			
Muscular strength test			
Sensory examination			
Examination of reflexes			
Examination of control systems (basal ganglia cerebellum)			
Examination of the autonomic nervous system			

## 2. RECORDING AND ANALYSIS OF CLINICAL CASES DURING TRAINING

	Date	Supervisor signature	Date	Supervisor signature	Date	Supervisor s
ON-SITE VISIT TO INPATIENTS	DURATION 2 WEEKS					
GENERAL NEUROLOGICAL PRACTICE						
SPECIALISED NEUROLOGICAL PRACTICES						
EMERGENCY DEPARTMENT						

1	VASCULAR STROKES
2	MULTIPLE SCLEROSIS / MYELITIS
3	EPILEPTIC SEIZURES
4	MYASTHENIA
5	MYOPATHY
6	POLYNEUROPATHY
7	CENTRAL NERVOUS SYSTEM INFECTIONS
8	PARKINSON'S DISEASE
9	CEPHALALGIA
10	MOTOR NEURONE DISEASE



**INCIDENT REPORT FORM**

<b>Patient demographic data</b>	
<b>Reason for admission</b>	
<b>Medical history (individual, family, social)</b>	
<b>Objective examination by systems</b>	

<b>Differential diagnosis</b>	
<b>Laboratory tests</b>	
<b>Disease course</b>	
<b>Final outcome and diagnosis</b>	

**Remarks by the Training Supervisor:**

### 3. MEDICAL OPERATIONS

	Date	Supervisor signature	Date	Supervisor signature	Date	Supervisor signature
Venipuncture and blood collection (5)						
Measurement of Vital Signs (5)						
Stance balance control (3)						
Nasogastric tube insertion (2)						
Urinary catheter placement (2)						
Observation of lumbar puncture and principles of the technique (5)						
Observation of ENG/EMG and principles of the technique (3)						
Observation of EEG and principles of the technique (3)						

**UNIVERSITY OF PATRAS FACULTY OF MEDICINE**

**DEPARTMENT OF INTERNAL MEDICINE**

**NEPHROLOGY UNIT**

**HEAD: PROFESSOR DIMITRIOS S. GOUMENOS**



**ΠΑΝΕΠΙΣΤΗΜΙΟ  
ΠΑΤΡΩΝ**  
UNIVERSITY OF PATRAS

**LOGBOOK FOR CLINICAL TRAINING OF MEDICAL STUDENTS IN  
NEPHROLOGY**

**STUDENT'S NAME:**

**STUDENT'S ID:**

**TRAINING START DATE:**

**TRAINING END DATE:**

**TRAINING SUPERVISOR:**

## MEDICAL OPERATIONS

	Date	Supervisor signature	Date	Supervisor signature	Date	Supervisor signature
HISTORY TAKING						
PHYSICAL EXAMINATION						
TRAINING IN DIALYSIS						
TRAINING IN PERITONEAL CLEANSING						
VISIT TO THE KIDNEY TRANSPLANT UNIT						
ACUTE KIDNEY INJURY						
CHRONIC KIDNEY DISEASE						
ARTERIAL BLOOD SAMPLE ACQUISITION						
INTERPRETATION OF BLOOD GASES						
MEDICAL HISTORY PRESENTATION						
HOSPITAL DUTY						
COMMENTS BY THE INSTRUCTOR IN CHARGE						
SCORING						

**UNIVERSITY OF PATRAS FACULTY OF MEDICINE**

**DEPARTMENT OF INTERNAL MEDICINE**

**HEAD: PROFESSOR M. MARAGKOS**



**ΠΑΝΕΠΙΣΤΗΜΙΟ  
ΠΑΤΡΩΝ**  
UNIVERSITY OF PATRAS

**LOGBOOK FOR CLINICAL TRAINING OF MEDICAL STUDENTS IN  
INTERNAL MEDICINE**

**STUDENT'S NAME:**

**STUDENT'S ID:**

**TRAINING START DATE:**

**TRAINING END DATE:**

**TRAINING SUPERVISOR:**

**Contents:**

1. Clinical skills
2. Medical operations

**4. CLINICAL SKILLS  
(TO BE ACQUIRED IN THE COURSE OF TRAINING)**

<b>Clinical Skill</b>	<b>Date</b>	<b>Signature of Training Supervisor</b>	<b>Remarks</b>
Medical history acquisition			
Physical examination			
Case presentation			
Differential diagnosis			
Diagnostic approach to pathological conditions			
Morning bedside visit (active participation)			
On call duty			

## 1. MEDICAL OPERATIONS

	Date	Supervisor signature
MEASUREMENT AND ASSESSMENT OF VITAL SIGNS (AUSCULTATION, PULSES, TEMPERATURE, SPO2)		
INTRAMUSCULAR INJECTION (1)		
INTRADERMAL INJECTION (1)		
INTRAVENOUS INJECTION (5)		
PERIPHERAL VEIN BLOOD SAMPLING (5)		
CENTRAL VENOUS CATHETER BLOOD COLLECTION (OBSERVATION/EXECUTION) (1)		
ARTERIAL BLOOD SAMPLE ACQUISITION (5)		
PERIPHERAL CATHETER PLACEMENT (5)		



CENTRAL VENOUS CATHETER PLACEMENT (OBSERVATION/EXECUTION) (1)		
NASOGASTRIC TUBE INSERTION (OBSERVATION/EXECUTION) (1)		
ECG MEASUREMENT (ASSESSMENT OF HEART RATE, DANGEROUS ARRHYTHMIAS, ISCHEMIA) (5)		
URINARY CATHETER PLACEMENT (OBSERVATION/EXECUTION) (1)		
SUGAR MEASUREMENT WITH A GLUCOMETER (5)		
NASOPHARYNGEAL SWAB ACQUISITION (1)		
CENTRAL VENOUS PRESSURE MEASUREMENT (OBSERVATION/EXECUTION) (1)		
ASCITIC COLLECTION, PLEURAL COLLECTION, LUMBAR PUNCTURE (OBSERVATION/EXECUTION) (3)		

**UNIVERSITY OF PATRAS FACULTY OF MEDICINE**

**DEPARTMENT OF PEDIATRICS**

**HEAD: PROFESSOR G. DIMITRIOU**



**ΠΑΝΕΠΙΣΤΗΜΙΟ  
ΠΑΤΡΩΝ**  
UNIVERSITY OF PATRAS

**LOGBOOK FOR CLINICAL TRAINING OF MEDICAL STUDENTS IN  
PEDIATRICS**

**STUDENT'S NAME:**

**STUDENT'S ID:**

**TRAINING START DATE:**

**TRAINING END DATE:**

**TRAINING SUPERVISOR:**

**Introduction:**

The training of fifth-year and sixth-year students in Vascular Surgery includes the active participation and observation of clinical and educational activities of the clinic for four (4) and six (6) weeks respectively, as described in the Study Guide of the University of Patras Faculty of Medicine. During this time each student should complete the training logbook in collaboration with the training supervisor. Once the training logbook has been submitted for evaluation by the training coordinator and deemed satisfactory the student may take the final examination.

**Contents:**

1. Clinical skills
2. Case recording
3. Medical operations

**1. CLINICAL SKILLS  
(TO BE ACQUIRED IN THE COURSE OF TRAINING)**

<b>Clinical Skill</b>	<b>Date</b>	<b>Signature of Training Supervisor</b>	<b>Remarks</b>
Medical history acquisition			
Clinical examination of the thorax			
Clinical examination of the abdomen			
Cardiovascular clinical examination			
Neurological examination			
General clinical examination of a child (signs of dehydration, respiratory distress, meningeal signs)			
Psychomotor development			
Developmental curve assessment			
Newborn clinical examination			

## 2. RECORDING AND ANALYSIS OF CLINICAL CASES DURING TRAINING

Indicative list (at least 15 cases to be evaluated by the training supervisor for each student)

1	Gastroenteritis and dehydration
2	Anemia
3	Developmental dystrophy
4	Meningitis, Encephalitis
5	Periconchial/Conchial Cellulitis
6	Eczema
7	Upper respiratory tract infection
8	Asthma crisis
9	Pneumonia
10	Nephrotic syndrome
11	Urinary tract infection
12	Febrile convulsions
13	Epilepsy
14	Respiratory distress syndrome
15	Neonatal jaundice
16	Neonatal sepsis
17	Juvenile Diabetes
18	Short stature
19	Atopic dermatitis
20	Fever of unknown origin

**INCIDENT REPORT FORM**

<b>Patient demographic data</b>	
<b>Reason for admission</b>	
<b>Medical history (individual, perinatal, family, social)</b>	
<b>Objective examination by systems/SBD</b>	

<b>Differential diagnosis</b>	
<b>Laboratory tests</b>	
<b>Disease course</b>	
<b>Diagnosis and final outcome</b>	

**Remarks by the Training Supervisor:**

### 3. MEDICAL OPERATIONS (required number in brackets)

	Date	Supervisor signature	Date	Supervisor signature	Date	Supervisor signature
Observation of nasogastric tube placement (2)						
Measurement of Vital Signs (3)						
Blood gas interpretation (3)						
Electrolyte interpretation (3)						
Chest X-ray interpretation (3)						
Ventilators in Units - basic principles (2)						
Phototherapy equipment - basic principles (2)						
Incubators - basic principles (2)						
Observation of lumbar puncture and principles of technique (2)						
Observation of suprapubic aspiration (2)						
Observation of venipuncture - blood collection in						



child & neonate (3)						
Observation of venipuncture - serum in child & neonate (3)						
Observation of venipuncture of skull (1)						
Neonatal resuscitation in the delivery room (3)						

**UNIVERSITY OF PATRAS FACULTY OF MEDICINE**

**DEPARTMENT OF INTERNAL MEDICINE**

**PULMONARY MEDICINE UNIT**

**HEAD: PROFESSOR MARKOS MARANGOS**



**ΠΑΝΕΠΙΣΤΗΜΙΟ  
ΠΑΤΡΩΝ**  
UNIVERSITY OF PATRAS

**LOGBOOK FOR CLINICAL TRAINING OF MEDICAL STUDENTS IN  
PULMONARY MEDICINE**

**STUDENT'S NAME:**

**STUDENT'S ID:**

**TRAINING START DATE:**

**TRAINING END DATE:**

**TRAINING SUPERVISOR:**

**MEDICAL OPERATIONS (required number in brackets)**

	Date	Supervisor signature	Date	Supervisor signature	Date	Supervisor signature
Medical history acquisition (5)						
Spirometry						
Diffusion						
Oscillosimetry/ Body Box						
Bronchoscopy						
Blood gas sample acquisition						
Sleep study evaluation Principles of oxygen therapy operation Nasal Cannula/Venturi Mask High Flow/CPAP						
Case presentation						
Morning visit/chamber tour						

**UNIVERSITY OF PATRAS FACULTY OF MEDICINE**

**DEPARTMENT OF INTERNAL MEDICINE**

**RHEUMATOLOGY UNIT**

**HEAD: PROFESSOR STAMATIOS-NIKOLAOS LIOSSIS**



**ΠΑΝΕΠΙΣΤΗΜΙΟ  
ΠΑΤΡΩΝ**  
UNIVERSITY OF PATRAS

**LOGBOOK FOR CLINICAL TRAINING OF MEDICAL STUDENTS IN  
RHEUMATOLOGY**

**STUDENT'S NAME:**

**STUDENT'S ID:**

**TRAINING START DATE:**

**TRAINING END DATE:**

**TRAINING SUPERVISOR:**

**Introduction:**

The training in Rheumatology lasts 2 weeks. It takes place in either the fifth or sixth year of study, depending on the choice of the students in each of the above years.

The training in Rheumatology includes active participation and attendance of the clinical and educational activities of the Rheumatology Unit for 2 weeks, according to the Study Guide of the Faculty of Medicine of the University of Patras.

During this time each student should complete the training logbook in collaboration with the training supervisor. Once the training logbook has been submitted for evaluation by the training coordinator and deemed satisfactory the student is graded. There is no examination at the end of the training.

**Contents:**

1. Clinical skills
2. Case recording
3. Medical operations

**1. CLINICAL SKILLS  
(TO BE ACQUIRED IN THE COURSE OF TRAINING)**

Clinical Skill	Date	Signature of Training Supervisor	Remarks
Medical history acquisition			
Clinical examination of the skeletal system			
Clinical examination of peripheral joints			
Clinical examination of the spine			
Clinical examination of the soft tissues			

**2. RECORDING AND ANALYSIS OF CLINICAL CASES DURING TRAINING**  
**Indicative list (at least 10 of the following 12 cases will be evaluated by the training officer for each student)**

1	Inflammatory polyarthritis
2	Non-inflammatory polyarthritis
3	Monoarthritis (acute & chronic)
4	Multisystemic disease with articular involvement
5	Systemic disease with skin involvement
6	Systemic disease with renal involvement
7	Systemic disease involving the lung
8	Raynaud's phenomenon
9	Manifestations of vasculitis
10	Muscle weakness
11	Diffuse pain syndromes
12	Osteoporosis

**INCIDENT REPORT FORM**

<b>Patient demographic data</b>	
<b>Reason for admission</b>	
<b>Medical history (individual, family, social)</b>	
<b>Objective examination by systems (with emphasis on detailed physical examination of the skeletal system)</b>	
<b>Differential diagnosis</b>	

<p><b>Laboratory tests</b></p> <p><b>(with particular emphasis on laboratory testing of inflammatory markers and the importance of autoantibodies/immunological testing)</b></p>	
<p><b>Imaging tests:</b></p> <p><b>Study of simple x-rays of joints, spine, sacroiliac joints.</b></p> <p><b>MRI study of selected joints, with emphasis on sacroiliac joints.</b></p>	
<p><b>Working diagnosis and final diagnosis</b></p>	

**Remarks by the Training Supervisor:**



### 3. MEDICAL OPERATIONS (required number in brackets)

	Date	Supervisor signature	Date	Supervisor signature	Date	Supervisor signature
Carry out a full physical examination of the skeletal system (3)						
Observation of joint aspiration and principles of technique (3)						
Observation of extra-articular soft tissue puncture (3)						

**UNIVERSITY OF PATRAS FACULTY OF MEDICINE**

**DEPARTMENT OF SURGERY**

**HEAD: PROFESSOR IOANNIS MAROULIS**



**ΠΑΝΕΠΙΣΤΗΜΙΟ  
ΠΑΤΡΩΝ**  
UNIVERSITY OF PATRAS

**LOGBOOK FOR CLINICAL TRAINING OF MEDICAL STUDENTS IN  
SURGERY**

**STUDENT'S NAME:**

**STUDENT'S ID:**

**TRAINING START DATE:**

**TRAINING END DATE:**

**TRAINING SUPERVISOR:**

## MEDICAL OPERATIONS

	Date	Supervisor signature	Date	Supervisor signature	Date	Supervisor signature
LEVIN (6)						
FOLLEY (6)						
Intravenous Cannulation (8)						
Wound suturing (5)						
Dressing change (3)						
Suture removal (3)						
Abscess opening (3)						
Observation of surgical procedures (10)						

## Presentation of cases of fifth and sixth year students

Daily (except Tuesdays and Fridays) from 14.00 to 15.00, two (2) students will take turns to present in the presence of all students to a resident according to the schedule, the cases of inpatients of the Clinic who are scheduled for surgery the following day. There will be an analysis of the history and discussion regarding diagnosis, general management, and treatment.

**UNIVERSITY OF PATRAS FACULTY OF MEDICINE**

**DEPARTMENT OF**

**OTORHINOLARYNGOLOGY**



**ΠΑΝΕΠΙΣΤΗΜΙΟ  
ΠΑΤΡΩΝ**  
UNIVERSITY OF PATRAS

**HEAD: PROFESSOR VASSILIOS DANIELIDIS**

**LOGBOOK FOR CLINICAL TRAINING OF MEDICAL STUDENTS IN  
OTORHINOLARYNGOLOGY**

**STUDENT'S NAME:**

**STUDENT'S ID:**

**TRAINING START DATE:**

**TRAINING END DATE:**

**TRAINING SUPERVISOR:**

## **Introduction**

The training of sixth-year students in Otorhinolaryngology (ENT) includes the active participation and monitoring of the clinical and educational activities of the clinic for 2 weeks, as described in the Study Guide of the University of Patras Faculty of Medicine. During this time each student should complete the training logbook in collaboration with the training supervisor. Once the training logbook has been submitted for evaluation by the training coordinator and deemed satisfactory the student may take the final examination.

## **Contents:**

1. Clinical skills
2. Medical operations

**1. CLINICAL SKILLS  
(TO BE ACQUIRED IN THE COURSE OF TRAINING)**

<b>Clinical Skill</b>	<b>Date</b>	<b>Signature of Training Supervisor</b>	<b>Remarks</b>
Medical history acquisition			
Clinical examination of ears			
Clinical examination of nose			
Clinical examination of larynx			
Neurotological examination			
Audiological test			
Investigation of allergic rhinitis			
Airway evaluation			
Investigation of nasal diseases			
Postoperative monitoring			

**Remarks by the Training Supervisor:**

## 2. MEDICAL OPERATIONS

	Date	Supervisor signature	Date	Supervisor signature	Date	Supervisor signature
Observation of rhinological interventions						
Observation of Cervical Operations						
Observation of Ear Surgery						
Observation of Laryngeal Surgery						
Observation of Salivary Nerve Surgery						
Observation of Pharyngeal Surgeries						
FNA biopsy						
Suturing-wound care						
Interpretation of Imaging Examinations						
Interpretation of laboratory tests						