

**Medical Doctorate (M.D.) Degree of Vascular Surgery
Log Book**

" كراسة الأنشطة "
اللازمة لحصول المتدرب على درجة الدكتوراة في
جراحة الأوعية الدموية

طبقاً للائحة النقاط المعتمدة

2022 / 2023

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Name.....
Date of birth.....
Address.....
Place of work.....
Telephones.....
E mail.....

Name of hospital	Period of work	Hospital director signature

Academic Information

MBBCh...../...../..... University Grade
.....
MSc... University Grade
Grade of General surgery course on graduation
Others...../...../..... University
...../...../..... University

*** Aim of the activities book**

To provide one source of evidence for the assessment committee that you attained the desired level of competency required to gain the award.

In this book you will document all clinical, academic and other experiences and skills you attained during your training.

Sections of the book

For each module / course / rotation

You should fill the following sections:-

A- Clinical case log

- 1- You will first find list with all required cases in the concerned module and the minimum number of cases you must get exposed to and level of participation you should achieve for each type of cases.

- 2- You should record all clinical cases in the module and each case should be signed by you trainer.

2- Clinical case presentation log

Record the cases related to the module that you have presented in a seminar of the activity.

3- Procedures / operations log

1- You will find a list for required procedure, diagnostic – therapeutic operations and level of desired performance you should achieve at the end of training.

2- You will find empty tables to write down the procedure, you level of participation and date and signature of supervisor.

4- Rotation / attendance proof

You should have evidence of achievement the required training hours within each module.

For the whole program fill the following sections.

1- Academic activities

Document all academic activities e.g. lecture, journal clubs, workshops, conference, services attended. This documentation should include the level of participation "attendance, preparation, presentation,..."

2- Academic achievements

Document all outcomes you achieved in the field of:-

- Audit participation
- Research "clinical trial" participation.
- Evidence- based medicine "generation of guidelines" protocols

3- Formative assessment log

This document all types of formative assessment attended e.g.:-

- Mini clinical examination
- Quiseses

Program aims

1/1 To enable the MD students to keep with the satisfactory standards regarding vascular patients' care. This will be facilitated by gaining the most updated medical knowledge, mastering high levels of clinical skills, and achieving an optimum level of clinical experience and competence in Vascular Surgery.

1/2 Provide the students with a high quality research skills and activities and assist them in the international publications in peer-reviewed specialized medical journals.

1/3 To enable candidates to describe the basic ethical and medicolegal principles relevant to Vascular Surgery.

1/4 Facilitate the obtaining of the Consultant Degree in the Egyptian medical profession and recognized abroad.

Program Structure

Program Time Table

Duration of program 4 years (could be extended at maximum to 6 years) divided into

- Part 1

Program-related basic science courses

- Medical statistics

- Research methodology

- Medicolegal Aspects and Ethics in Medical Practice and Scientific Research

Students are allowed to sit the exams of these courses after 6 months from applying to the M D degree.

- Anatomy

- Pathology

Students are allowed to sit the exams of these 2 courses after 1 year from applying to the M D degree.

Thesis and 2 published researches

- For the M D thesis;
- MD thesis subject should be officially registered within 1 year from application to the MD degree,
- Discussion and acceptance of the thesis should not be set before 24 months from registering the M D subject (in case of no changes in the research subject) in case of changes add 6-12 months over.
- It could be discussed and accepted either before or after passing the second part of examination

Part 2

- Program –related speciality courses and ILOs

- Students are not allowed to sit the exams of these courses before 4 years from applying to the MD degree.

First Part

- 1- Course 1 Medical statistics**
- 2- Course 2 Research methodology**
- 3- Course 3 Medicolegal Aspects and Ethics in Medical Practice and Scientific Research**
- 4- Course 4 Surgical Anatomy**
- 5- Course 5 Surgical Pathology**

Medical statistics & Research methodology

Medical statistics

Requirements

- **Credit points: 1 credit point**
- Minimal rate of attendance 80%

Name of the course	Credit points	Responsible department	Attendance	Practical	Percentage of Achieved points
Medical statistics	1 credit point	Pubic Health & Community Medicine			100%
	0.1		Introduction 1 hour	SPSS Introduction 2H	10%
	0.1		Tables and graphics 1 Hour	Data entry and cleaning of data 2H	10%
	0.1		Sampling 1 Hour	Transforming of variables 2H	10%
	0.1		Methodology of data collection 1 Hour	Descriptive statistics 2 H	10%
	0.1		Type of variables 1 Hour	Graphic presentation 2 H	10%
	0.1		Proportion test Chi-square test 1 Hour	Chi square and interpretation of results 2 H	10%
	0.1		Student T test Paired T test 1 Hour	Student, Paired and ANOVA tests 2H	10%
	0.1		ANOVA test 1 Hour	Correlation Regression 2 Hour	10%
	0.1		Non parametric tests 1 Hour	Multiple and logistic Regression 2 H	10%
	0.1		Discrimination analysis factor analysis 1 Hour	Non parametric tests 2 H	10%
			Revision 1 H	Revision 2H	
Student signature			Principle coordinator signature		Head of the department signature

Medical Statistics

Lectures and tutorials

Date	Attendance	Topic	Signature

Research Methodology

Requirements

- **Credit points: 1 credit point**
- **Minimal rate of attendance 80%**

Name of the course	Credit points	Responsible department	Attendance	Percentage of Achieved points
Research Methodology	1 credit point	Pubic Health & Community Medicine		100%
	0.15		4 hours Introduction & proposal writing	15%
	0.15		4 hours Epidemiological study designs	15%
	0.15		4 hours Screening & theoretical background	15%
	0.24		6 hours Screening practical	24%
	0.15		4 hours Sample size calculation	15%
	0.08		2 hours Research bias	8%
	0.08		2 hours Ethics in research	8%
	-		2 hours Revision	-
Student signature			Principle coordinator signature	Head of the department signature

Research Methodology

Lectures and tutorials

Date	Attendance	Topic	Signature

Medicolegal Aspects and Ethics in Medical Practice and Scientific Research

General and special surgery (1st part)

Requirements

- Credit points: 1 credit point
- Minimal rate of attendance 80%

Medicolegal Aspects and Ethics in Medical Practice and Scientific research

Name of the course	Credit points	Responsible department	Attendance	Percentage of Achieved points
Medicolegal Aspects and Ethics in Medical Practice and Scientific Research	1 credit point	Forensic Medicine and Clinical Toxicology	10 hours	100%
	0.2		2 hours - Death and death certificate. - Suspicious death - Death associated with surgery and anesthesia	20%
	0.2		2 hours Medical Reports in case of trauma	20%
	0.2		- Wounds - Firearm injuries	20%
	0.2		2 hours Ethics in research.	20%
	0.2		2 hours Ethics in practice.	20%
	Student signature			Principle coordinator signature

**Medicolegal Aspects and Ethics in Medical Practice and Scientific
research Course Lectures**

Date	Attendance	Topic	Signature

Course 4 Surgical Anatomy

Requirements

- Credit points: 4 credit points.
- -Attendance of at least 80 % of lectures

Lectures schedule and ILOs

Anatomic details of:

- Brain vasculature
- Upper limb
- Lower limb
- Mesenteric circulation
- Peripheral arteries
- Venous system
- Portal circulation
- Fascial compartments of the leg
- Lymphatic system
- Anatomy of foot
- Surgical anatomy of the neck
- Surgical Anatomy of thoracic outlet

Name of the course	Credit points	Responsible department	Attendance	Percentage of Achieved points		
Surgical Anatomy	4 CP	Vascular surgery department	Attendance of 40 hours Or active participation 20 hour	100%		
Surgical Anatomy	0.5 CP	Vascular surgery department	Attendance of 5 hours <ul style="list-style-type: none"> • Anatomy of Brain vasculature • Surgical anatomy of the neck • Surgical Anatomy of thoracic outlet 	12.5%		
	0.5 CP		Attendance of 5 hours <ul style="list-style-type: none"> • Anatomy of Upper limb 	12.5%		
	0.5 CP		Attendance of 5 hours <ul style="list-style-type: none"> • Anatomy of Lower limb • Anatomy of foot 	12.5%		
	0.5 CP		Attendance of 5 hours <ul style="list-style-type: none"> • Mesenteric circulation 	12.5%		
	0.5 CP		Attendance of 5 hours Anatomy of Peripheral arteries	12.5%		
	0.5 CP		Attendance of 5 hours <ul style="list-style-type: none"> • Anatomy of Venous system • Lymphatic system • 	12.5%		
	0.5 CP		Attendance of 5 hours <ul style="list-style-type: none"> • Anatomy of Portal circulation 	12.5%		
	0.5 CP		Attendance of 5 hours <ul style="list-style-type: none"> • Anatomy of facial compartments of the leg 	12.5%		
	Student signature				Principle coordinator signature	Head of the department signature

Surgical Anatomy Course Lectures

Date	Attendance or presentation	Topic	Signature

Course 5 Surgical Pathology

Requirements

- **Credit points: 3 credit points.**
- **-Attendance of at least 80 % of lectures**

Lectures schedule and ILOs

Demonstrate pathologic details of vascular Surgery including:

General Pathology of:

- Acute and Chronic Inflammation.
- Gangrene
- Diabetic foot
- Surgical infection.
- Pathology of vascular tumors

Pathologic Details of:

- The Blood Vessels
- Atherosclerosis
- Autoimmune arteritis
- Mesenteric ischemia
- Cerebrovascular diseases
- Acute limb ischemia
- Haemostasis
- Neo-angiogenesis

Name of the course	Credit points	Responsible department	Attendance	Percentage of Achieved points	
Surgical Pathology	3 CP	Vascular surgery department	Attendance of 30 hours Or active participation 15 hour	100%	
Surgical Pathology	0.5	Vascular surgery department	5 - hours - Acute and Chronic Inflammation. - Gangrene	16.7%	
	0.5		5 - hours -Diabetic foot - Surgical infection	16.7%	
	0.5		5 - hours - Pathology of vascular tumors	16.7%	
	0.5		5 - hours - The Blood Vessels -Atherosclerosis -Haemostasis -Neo-angiogenesis	16.7%	
	0.5		5 - hours -Autoimmune arteritis -Mesenteric ischemia	16.6%	
	0.5		5 - hours -Cerebrovascular diseases -Acute limb ischemia	16.6%	
	Student signature			Principle coordinator signature	Head of the department signature

Surgical Pathology Course Lectures

Date	Attendance	Topic	Signature

Year 1

(23 credit point for training in vascular surgery Department)

Clinical training	Credit points	Responsible department	Attendance	Percentage of Achieved points
Clinical training in vascular surgery Department	8	vascular surgery Department	<ul style="list-style-type: none"> ➤ Practice with clinical cases in vascular surgery Department for at least 6 month ➤ Attendance of clinical rounds with staff ➤ Log of cases as mentioned below ➤ Procedures log as mentioned below 	34.8%
	9		<ul style="list-style-type: none"> ➤ Night shift (From 2 pm to 8 am) at least twice /week for 10 weeks in the department or in the trauma unit ➤ 	39.1%
	2		<ul style="list-style-type: none"> ➤ Attendance of at least one day/week in the Outpatient clinic (4 hours /day) for 15 weeks 	8.7%
	3		<ul style="list-style-type: none"> ➤ Practice in the operative theatre at least once /week for 20 weeks 	13.1%
	1		<ul style="list-style-type: none"> ➤ Attendance of at least 60% of the clinical seminars ➤ Presentation of at least 2 cases and one topic in the seminar 	4.3%
Student signature			Principle coordinator Signature	Head of the department signature

Second part

Course 6 Vascular Surgery

Requirements

● **Credit points:** 24 credit point for didactic (lectures, seminars, tutorial etc) and 123 point for training (23 credit point for year 1 and 100 credit point during year 2 and 3, 4).

- Minimal rate of attendance 80% of training and didactic
- Attendance of at least 75 % of clinical rounds.
- Practice with clinical cases for at least two and half years in the department including interpretation of their different radiologic patterns (in DOPPLER US, CT, and MRI) and related laboratory investigation.

Rotation / attendance proof "multiple pages"

الأماكن التي تدرب بها

توقيع مدير المستشفى	توقيع رئيس القسم	أسم المستشفى التي تدرب بها

Year 2

(12 credit point for didactic in 50% of Vascular surgery course including their formative assessment)

Name of the course	Credit points	Responsible department	Attendance	Percentage of Achieved points
50% of Vascular surgery course	12 Credit points	Vascular surgery department	Year 2	100%
	7 CP		Topics and attendance 70 hour attendance or 35 hours active participation by the candidates One lecture /week	58.3%
	1		10 hours attendance or 5 hours active participation - Cerebrovascular Disease	
	1		10 hours attendance or 5 hours active participation -Peripheral arterial diseases	
	1		10 hours attendance or 5 hours active participation Diseases of Thoracic Aorta and Supra –Aortic Trunks	
	1		10 hours attendance or 5 hours active participation - - Thoracic Outlet Syndrome	
	1		10 hours attendance or 5 hours active participation - Diseases of Abdominal Aorta	
	0.5		5 hours attendance or 2.5 hours active participation -Mesentric Vascular Diseases	
	0.5		5 hours attendance or 2.5 hours active participation	

			Renovascular diseases	
	0.5		5 hours attendance or 2.5 hours active participation --Varicose Veins	
	0.5		5 hours attendance or 2.5 hours active participation -Chronic Venous Insufficiency	
	3.25 CP		<p>Seminars</p> <p>2 hours- once / week for at least 8 month</p> <ul style="list-style-type: none"> ➤ Attendance of at least -75 % of the clinical seminars for assistant lectures ➤ Attendance of at least 70% of the clinical seminars for the external ➤ Presentation of at least 3 times in the seminar 	27.2%
	1 CP		Conference or workshop	8.3%
	0.75 CP		Formative assessment(MCQ-)	6.2%
Student signature			Principle coordinator Signature	Head of the department Signature

Year 2 (45 credit point for training in Vascular surgery including mini-clinical exam)

Clinical training	Credit points	Responsible department	Attendance	Percentage of Achieved points
Clinical training in Vascular surgery	45	Vascular surgery	Year 2	45 % of the training in (Second part)
Vascular surgery	20	Vascular surgery	<ul style="list-style-type: none"> ➤ Practice with clinical cases in Vascular surgery for at least 8 month and interpretation of their different radiologic patterns (in (in DOPPLER US, CT, and MRI) and related laboratory investigation. ➤ Attendance of clinical rounds with staff ➤ Log of cases as mentioned below ➤ Procedures log as mentioned below 	44.4%
	13		<ul style="list-style-type: none"> ➤ Night shift (From 2 pm to 8 am) 2 night shift /week for at least 18 week In the department or in the trauma unit . 	28.9%
	2		<ul style="list-style-type: none"> ➤ Attendance of at least one day/ week in the Outpatient clinic (3 hours/day) for 20 week 	4.4%
	5		<ul style="list-style-type: none"> ➤ Attendance and practice of at least 3 day / week for 8 months in the operative theatre 	11.1
	2		<ul style="list-style-type: none"> ➤ Attendance of at least 60% of clinical rounds of staff groups (2 hours/day for 30 week) 	4.4%
	3		Mini clinical exam	6.8%
Student signature			Principle coordinator Signature	Head of the department signature

Year 3

(12 credit point for didactic in 50% of Vascular surgery course including their formative assessment)

Name of the course	Credit points	Responsible department	Attendance	Percentage of Achieved points
50% of Vascular surgery course	12 Credit point	Vascular surgery department	Year 3	100%
	7 CP		Topics and attendance 70 hour attendance or 35 hours active participation by the candidates One lecture /week Unit 2	58.3%
	0.5		5 hours attendance or 2.5 hours active participation by the candidates -Vascular Trauma	
	0.5		5 hours attendance or 2.5 hours active participation by the candidates . -Superficial and Deep Venous Thrombosis	
	0.5		5 hours attendance or 2.5 hours active participation by the candidates - Vascular Access	
	0.5		5 hours attendance or 2.5 hours active participation by the candidates - - Vascular grafts	
	0.5		5 hours attendance or 2.5 hours active participation by the candidates - Sympathectomy	
	0.5		5 hours attendance	

			or 2.5 hours active participation by the candidates --Vascular Imaging and Vascular Laboratory	
	1		10 hours attendance or 5 hours active participation by the candidates - -Endovascular Intervention	
	0.5		5 hours attendance or 2.5 hours active participation by the candidates -Lymphatic Diseases and Surgery	
	0.5		5 hours attendance or 2.5 hours active participation by the candidates --Vasculitis	
	0.5		5 hours attendance or 2.5 hours active participation by the candidates Complications of Vascular Surgery	
	0.5		5 hours attendance or 2.5 hours active participation by the candidates Congenital Vascular Malformations	
	0.5		5 hours attendance or 2.5 hours active participation by the candidates - Vascular Tumors	
	0.5		5 hours attendance or 2.5 hours active participation by the candidates Laser in Management of Vascular Diseases	

			- New Development in Vascular Surgery.	
	3.25 CP		<p align="center">Seminars</p> <p align="center">2 hours- once / week for at least 8 month</p> <ul style="list-style-type: none"> ➤ Attendance of at least 75 % of the clinical seminars for assistant lectures ➤ Attendance of at least 70% of the clinical seminars for the external ➤ Presentation of at least 3 times in the seminar 	27.2%
	1 CP		Conference or workshop	8.3%
	0.75 CP		Formative assessment	6.2%
Student signature			Principle coordinator Signature	Head of the department Signature

Year 3 (45 credit point for training in Vascular surgery including mini clinical exam)

Clinical training	Credit points	Responsible department	Attendance	Percentage of Achieved points
Clinical training in Vascular surgery	45	Vascular surgery	Year 2	45 % of the training in (Second part)
Vascular surgery	20	Vascular surgery	<ul style="list-style-type: none"> ➤ Practice with clinical cases in Vascular surgery for at least 8 month and interpretation of their different radiologic patterns (in (in DOPPLER US, CT, and MRI) and related laboratory investigation. ➤ Attendance of clinical rounds with staff ➤ Log of cases as mentioned below ➤ Procedures log as mentioned below 	44.4%
	13		<ul style="list-style-type: none"> ➤ Night shift (From 2 pm to 8 am) 2 night shift /week for at least 18 week In the department or in the trauma unit . 	28.9%
	2		<ul style="list-style-type: none"> ➤ Attendance of at least one day/ week in the Outpatient clinic (3 hours/day) for 20 week 	4.4%
	5		<ul style="list-style-type: none"> ➤ Attendance and practice of at least 3 day / week for 8 months in the operative theatre 	11.1
	2		<ul style="list-style-type: none"> ➤ Attendance of at least 60% of clinical rounds of staff groups (2 hours/day for 30 week) 	4.4%
	3		Mini clinical exam	6.8%
Student signature			Principle coordinator Signature	Head of the department signature

Year 4 (10 credit point for training in Vascular surgery)

Clinical training	Credit points	Responsible department	Attendance	Percentage of Achieved points
Clinical training in Vascular surgery	10	Vascular surgery	Year 4	10 % of the training in (Second part)
	5		➤ Night shift (From 2 pm to 8 am) 1 night shift /week for at least 10 weeks in the department or trauma unit	50%
	2		➤ Attendance of at least one day/ week in the Outpatient clinic (3 hours/day) for 20 weeks	20%
	2		➤ Attendance and practice of at least 1 day / week for 3 months in the operative theatre	20%
	1		➤ Attendance of at least 60% of clinical rounds of staff groups (2 hours/day for 15 weeks)	10%
Student signature			Principle coordinator Signature	Head of the department signature

Log of Cases:

At least 20% of these cases at year 1

Case	Number
Management of thrombo-embolic acute limb ischaemia	20
Vascular trauma to extremities	30
Abdominal vascular trauma	2
Cervical vascular trauma	5
Diagnosis and management of compartment syndrome	10
Management of chronic limb ischaemia	30
Direct reconstruction of aortoiliac occlusive diseases	7
Thrombendarterectomy of aorta and peripheral arteries	5
Extra-anatomic bypasses	10
Infra-inguinal bypasses	10
Sympathectomies (lumbar, cervicodorsal)	30
Management of diabetic foot	50
Management of vasospastic arterial diseases	20
Thoracic outlet syndrome	5
Peripheral aneurysms	10
Aortic dissection	2
Management of central and peripheral arteriovenous fistulae	5
Congenital vascular malformation	10
Creation of native and prosthetic vascular access for hemodialysis	50
Management of acute and chronic mesenteric ischaemia	3
Surgical and percutaneous management of portal hypertension	5
Management of renovascular hypertension	1
Management of cerebrovascular diseases	2
Carotid artery aneurysms	1
Carotid body tumors	2
Management of deep venous thrombosis	20
Caval interruption procedures	5
Management of varicose veins	30
Management of lymphoedema	10
Major and minor amputations	50

A-Clinical Rotation, Outpatient clinic, Case log and Night Shift

Clinical Rotation

Duration from -to	Location	Signature of supervisor

Outpatient clinic

Duration/date from -to	Signature of supervisor	Duration/date from -to	Signature of supervisor

Outpatient clinic

Duration/date from -to	Signature of supervisor	Duration/date from -to	Signature of supervisor

***Vascular surgery
Clinical case log
Record of cases''***

Hospital number	Date	Diagnosis of case	Level of participation *	Signature of supervisor **

* Level of participation
 A- Plan and carry out
 B- Carry out
 C- Carry out under supervision
** At least lecturer

Hospital	Date	Diagnosis of case	Level of	Signature
-----------------	-------------	--------------------------	-----------------	------------------

number			participation *	of supervisor **

* Level of participation
 A- Plan and carry out
 B- Carry out
 C- Carry out under supervision
 ** At least lecturer

Hospital number	Date	Diagnosis of case	Level of participation *	Signature of supervisor **

- * Level of participation
 A- Plan and carry out
 B- Carry out
 C- Carry out under supervision
- ** At least lecturer

Hospital number	Date	Diagnosis of case	Level of participation *	Signature of supervisor **

* Level of participation
 A- Plan and carry out
 B- Carry out
 C- Carry out under supervision
 ** At least lecturer
 ** At least lecturer

Hospital number	Date	Diagnosis of case	Level of participation*	Signature of supervisor**

* Level of participation
A- Plan and carry out
B- Carry out
C- Carry out under supervision
** At least lecturer

Hospital number	Date	Diagnosis of case	Level of participation *	Signature of supervisor **

* Level of participation

- A- Plan and carry out
- B- Carry out
- C- Carry out under supervision

** At least lecturer

Hospital number	Date	Diagnosis of case	Level of participation *	Signature of supervisor **

* Level of participation

- A- Plan and carry out
- B- Carry out
- C- Carry out under supervision

** At least lecturer

Hospital number	Date	Diagnosis of case	Level of participation *	Signature of supervisor **

* Level of participation

- A- Plan and carry out
- B- Carry out
- C- Carry out under supervision

** At least lecturer

Hospital number	Date	Diagnosis of case	Level of participation *	Signature of supervisor **

* Level of participation

- A- Plan and carry out
- B- Carry out
- C- Carry out under supervision

** At least lecturer

Hospital number	Date	Diagnosis of case	Level of participation *	Signature of supervisor **

* Level of participation

- A- Plan and carry out
- B- Carry out
- C- Carry out under supervision

** At least lecturer

Hospital number	Date	Diagnosis of case	Level of participation *	Signature of supervisor **

* Level of participation

A- Plan and carry out

B- Carry out

C- Carry out under supervision

** At least lecturer

Hospital number	Date	Diagnosis of case	Level of participation *	Signature of supervisor **

* Level of participation

- A- Plan and carry out
- B- Carry out
- C- Carry out under supervision

** At least lecturer

Hospital number	Date	Diagnosis of case	Level of participation *	Signature of supervisor **

* Level of participation

A- Plan and carry out

B- Carry out

C- Carry out under supervision

** At least lecturer

Hospital number	Date	Diagnosis of case	Level of participation *	Signature of supervisor **

* Level of participation
 A- Plan and carry out
 B- Carry out
 C- Carry out under supervision

** At least lecturer

Hospital number	Date	Diagnosis of case	Level of participation *	Signature of supervisor **

* Level of participation

- A- Plan and carry out
- B- Carry out
- C- Carry out under supervision

** At least lecturer

Hospital number	Date	Diagnosis of case	Level of participation *	Signature of supervisor **

* Level of participation

A- Plan and carry out

B- Carry out

C- Carry out under supervision

** At least lecturer

Hospital number	Date	Diagnosis of case	Level of participation *	Signature of supervisor **

* Level of participation

- A- Plan and carry out
- B- Carry out
- C- Carry out under supervision

** At least lecturer

Clinical rounds log

Date	Attendance	Case presentation	Signature of supervisor

Night Shift

Date	Signature of supervisor	Date	Signature of supervisor

Night Shift

Date	Signature of supervisor	Date	Signature of supervisor

Night Shift

Date	Signature of supervisor	Date	Signature of supervisor

2- Clinical Seminars

Requirements: - Attendance of at least 75 % of the clinical seminars

Presentation of at least (1) cases per year. Log o f at least 2 topic per year.

2-A: Attendance

Date	Attendance	Topic	Signature

2-A: Attendance

Date	Attendance	Topic	Signature

2-A: Attendance

Date	Attendance	Topic	Signature

2-B: Case presentation /Topic presentation

Date	Topic presentation	Case	Signature

**3- Post graduate teaching
3-A: lectures**

Date	Title of lecture	Signature of Staff Member

3-A: lectures

Date	Title of lecture	Signature of Staff Member

3-B: Tutorial

Date	Title of Tutorial	Signature of Staff member

4-Academic activities

Lecture, journal club, seminar, conference, workshop

- Requirements

- 1- Lectures = minimum 80% attendance
= minimum 3 presentation
- 2- Seminars = minimum 75%
- 3- Conference = minimum 2

Activity	Your role **	Date	Signature of supervisor

** Your role:-
A- Attendance
B- Organization
C- Presentation

Activity	Your role **	Date	Signature of supervisor

**** Your role:-**
A- Attendance
B- Organization
C- Presentation

5-Vascular surgery procedures log book

List of requirements

Requirements

Practice under supervision: (advanced skills) during Year 1 (B)

Angiography and angioplasty	0-1	CASE / WEEK
Duplex scanning	15	CASE

Practice independent and learn residents: during year 2 and 3 or 4 (A)

Doppler studies	50	CASE
Duplex scanning	35	CASE

Non operative procedures
Angiography and angioplasty

Hospital number	Date	Diagnosis of case	Level of participation *	Signature of supervisor **

* Level of competency
 A- Independent performance
 B- Performance under supervision
 C- Observed
 ** At least lecturer

Non operative procedures
Angiography and angioplasty

Hospital number	Date	Diagnosis of case	Level of participation *	Signature of supervisor **

* Level of competency
A- Independent performance
B- Performance under supervision
C- Observed
** At least lecturer

Non operative procedures
Angiography and angioplasty

Hospital number	Date	Diagnosis of case	Level of participation *	Signature of supervisor **

* Level of competency
 A- Independent performance
 B- Performance under supervision
 C- Observed
 ** At least lecturer

Non operative procedures

Doppler studies

Hospital number	Date	Diagnosis of case	Level of participation *	Signature of supervisor **

* Level of competency

A- Independent performance

B- Performance under supervision

C- Observed

** At least lecturer

Non operative procedures

Doppler studies

Hospital number	Date	Diagnosis of case	Level of participation *	Signature of supervisor **

* Level of competency
A- Independent performance
B- Performance under supervision
C- Observed
** At least lecturer

Non operative procedures

Duplex scanning

Hospital number	Date	Diagnosis of case	Level of participation *	Signature of supervisor **

* Level of competency

A- Independent performance

B- Performance under supervision

C- Observed

** At least lecturer

Emergency vascular surgery Procedures

20% OF CASES AT YEAR 1

Operation	Number
1. Vascular trauma	50
2. Embolectomy	75
3. Diabetic foot infection	100
4. Aortic dissection	2

*Emergency Vascular surgical
Procedure log book
Record of procedure "multiple pages"*

Hospital number	Date	Procedure	Level of competency*	Signature of supervisor **

- * Level of competency
 - A- Independent performance
 - B- Performance under supervision
 - C- Observed
- ** At least lecturer

Hospital number	Date	Procedure	Level of competency*	Signature of supervisor **

* Level of competency
 A- Independent performance
 B- Performance under supervision
 C- Observed
 ** At least lecturer

Hospital number	Date	Procedure	Level of competency*	Signature of supervisor **

* Level of competency
 A- Independent performance
 B- Performance under supervision
 C- Observed
 ** At least lecturer

Hospital number	Date	Procedure	Level of competency*	Signature of supervisor**

* Level of competency
A- Independent performance
B- Performance under supervision
C- Observed
** At least lecturer

Hospital number	Date	Procedure	Level of competency*	Signature of supervisor**

- * Level of competency
 - A- Independent performance
 - B- Performance under supervision
 - C- Observed
- ** At least lecturer

Hospital number	Date	Procedure	Level of competency*	Signature of supervisor**

* Level of competency
 A- Independent performance
 B- Performance under supervision
 C- Observed
 ** At least lecture

Hospital number	Date	Procedure	Level of competency*	Signature of supervisor**

* Level of competency
A- Independent performance
B- Performance under supervision
C- Observed
** At least lecturer

Hospital number	Date	Procedure	Level of competency*	Signature of supervisor**

* Level of competency
 A- Independent performance
 B- Performance under supervision
 C- Observed
 ** At least lecturer

Hospital number	Date	Procedure	Level of competency*	Signature of supervisor**

* Level of competency
 A- Independent performance
 B- Performance under supervision
 C- Observed
 ** At least lecturer

Elective Vascular surgical

Procedures log book

List of requirements

20% OF CASES AT YEAR 1

Operations	Number
Management of chronic limb ischaemia	30
Direct reconstruction of aortoiliac occlusive diseases	7
Thrombendarterectomy of aorta and peripheral arteries	5
Extra-anatomic bypasses	10
Infra-inguinal bypasses	10
Sympathectomies (lumbar, cervicodorsal)	30
Management of vasospastic arterial diseases	20
Thoracic outlet syndrome	5
Peripheral aneurysms	10
Management of central and peripheral arteriovenous fistulae	5
Congenital vascular malformation	10
Creation of native and prosthetic vascular access for hemodialysis	50
Management of renovascular hypertension	1
Management of cerebrovascular diseases	2
Carotid artery aneurysms	1
Carotid body tumors	2
Caval interruption procedures	5
Management of varicose veins	30
Management of lymphoedema	10
Major and minor amputations	50

Hospital number	Date	Procedure	Level of competency*	Signature of supervisor**

* Level of competency
 A- Independent performance
 B- Performance under supervision
 C- Observed
 ** At least lecturer

Postgraduate student's program
Rotation in training assessment

* *Name:*




* *Period of training From:*




To:




* *Site:*

***Rotation**

General skills	could not judge (0)	strongly disagree(1)	(2) (3)		(4) (5)		(6)	strongly agree (7)
Demonstrate the competency of continuous evaluation of different types of care provision to patients in the different area of his field.								
Appraise scientific evidence.								
Continuously improve patient care based on constant self-evaluation and <u>life-long learning</u> .								
Participate in clinical audit and research projects.								

General skills	could not judge (0)	strongly disagree(1)	(2) 		(3) (4) 		(5) (6) 		strongly agree (7)
Practice skills of evidence-based Medicine (EBM).									
Educate and evaluate students, residents and other health professionals.									
Design logbooks.									
Design clinical guidelines and standard protocols of management.									
Appraise evidence from scientific studies related to the patients' health problems.									
Apply knowledge of study designs and statistical methods to the appraisal of clinical studies.									
Use information technology to manage information, access on- line medical information; for the important topics.									
Master interpersonal and communication skills that result in the effective <u>exchange of information and collaboration</u> with patients, their families, and health professionals, including:- <ul style="list-style-type: none"> • <u>Present</u> a case. • <u>Write</u> a consultation note. • <u>Inform patients</u> of a diagnosis and therapeutic plan Completing and maintaining comprehensive. • Timely and legible <u>medical records</u>. • Teamwork skills. 									

General skills	could not judge (0)	strongly disagree(1)	 (2) (3)		 (4) (5)		 (6)	strongly agree (7)
Create and sustain a therapeutic and ethically sound relationship with patients.								
Elicit and provide information using effective nonverbal, explanatory, questioning, and writing skills.								
Work effectively with others as a member or leader of a health care team or other professional group.								
Demonstrate respect, compassion, and integrity; a responsiveness to the needs of patients and society.								
Demonstrate a commitment to ethical principles including provision or withholding of clinical care, confidentiality of patient information, informed consent, and business practices.								
Demonstrate sensitivity and responsiveness to patients' culture, age, gender, and disabilities.								
Work effectively in health care delivery settings and systems related to specialty including good administrative and time management.								
Practice cost-effective healthcare and resource allocation that does not compromise quality of care.								

General skills	could not judge (0)	strongly disagree(1)	 (2) (3)		 (4) (5)		 (6)	strongly agree (7)
Advocate for quality patient care and assist patients in dealing with system complexities.								
Design, monitor and evaluate specification of under and post graduate courses and programs.								
Act as a chair man for scientific meetings including time management								

Elective courses
The student choose two courses
3 credit point

- **Advanced medical statistics.**
- **Evidence based medicine.**
- **Advanced infection control.**
- **Quality assurance of medical education.**
- **Quality assurance of clinical practice.**
- **Hospital management**

Name of the elective course 1 : -----

Elective Course Lectures

Date	Attendance	Topic	Signature

Name of the elective course 2 : -----

Elective Course Lectures

Date	Attendance	Topic	Signature

Program Formative assessment

MCQ Assessments and mini clinical exam

- One MCQ examination and mini clinical exam at the second half of the second year in Cerebrovascular diseases and Aortic, renovascular, mesenteric and peripheral arterial diseases
- One MCQ examination and mini clinical exam at the first half of the third year in Varicose veins ,venous insufficiency and Vascular trauma.
- One MCQ examination and mini clinical exam at the second half of the third year in Vascular access procedures, Vascular imaging and endovascular procedures, vascular trauma, and congenital malformation.

Date	grade *	Signature of Head of the department

*Degree

A- Excellent

B- Very good

C- Good

D- Pass

الرسائل العلمية

عنوان الرسالة

عربي : _____

انجليزي : _____

المشرفون : _____

1-

2-

3

4-

تاريخ القيد لدرجة : / /

تاريخ التسجيل الموضوع:

المتابعة الدورية :

توقيع المشرفين	المتبقي	ما تم انجازه من بروتوكول البحث	التاريخ

Declaration

Course Structure Mirror	Responsible (Course) Coordinator Name:	Signature	Date
First Part			
Course 1			
Course 2			
Course 3			
Course 4			
Course 5			
Second Part			
Course 6 Vascular Surgery			
- MD Thesis Acceptance Date:			
- Fulfillment of required credit point prior to final examination			
Vascular surgery MD Principle Coordinator: Prof. Dr.			
Date approved by Vascular surgery Department Council			

يعتمد ،

رئيس القسم

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