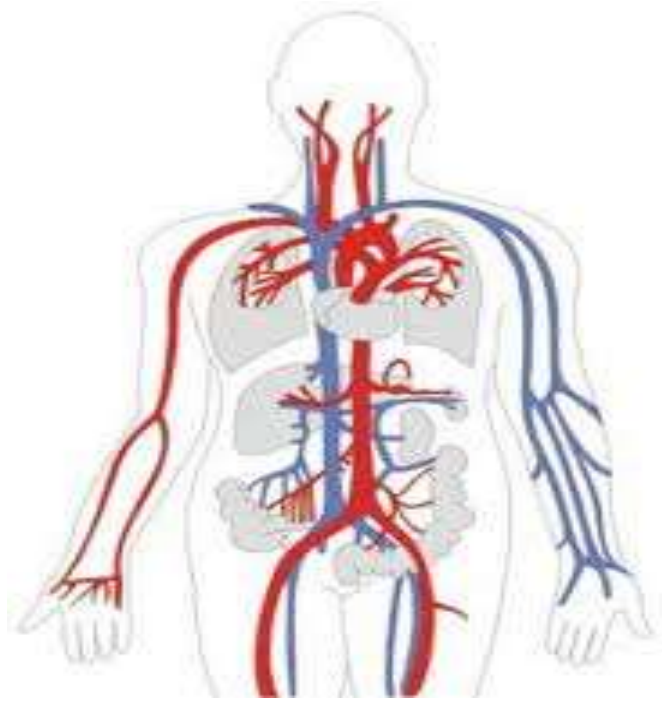


Master Degree of Vascular Surgery (Log Book)



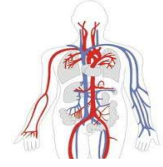
" كراسة الأنشطة "

ماجستير جراحة الأوعية الدموية
طبقاً للائحة النقاط المعتمدة

2022 - 2023

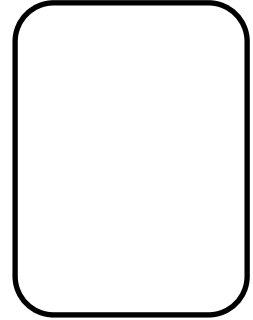


كلية الطب



Vascular Surgery Department

Personal photo



Name.....

Date of birth.....

Address.....

Place of work.....

Telephones..... Mobile phone(s).....

E mail.....

Name of hospital	Period of work	Hospital director signature

Academic Information

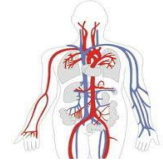
MBBCh...../...../..... University Grade

Grade of General Surgery course on graduation

تاريخ التسجيل لدرجة الماجستير:



كلية الطب



Vascular Surgery Department

First Part

First Part

Course 1

-Anatomy and Embryology.

Course 2

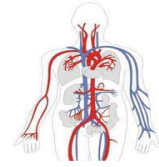
-Pharmacology.

Course 3

-Microbiology

Course 4

-General Surgery



Course 1

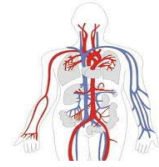
(Anatomy and embryology)

Requirements

● **Credit points: 3 credit point.**

- Minimal rate of attendance 80% of lectures

Name of the course	Credit points	Responsible department	Attendance	Percentage of Achieved points
Microbiology	0.5	Microbiology	<p>✚ Attendance of 5 hours Vascular development (Embryology)</p> <ul style="list-style-type: none"> -Anatomy of the diaphragm -Anatomy of the thoracic inlet <hr/> <ul style="list-style-type: none"> -Anatomy of the anterior abdominal wall -Anatomy of the sympathetic trunk and thoracic duct. 	16.7%
	1		<p>✚ Attendance of 10 hours</p> <ul style="list-style-type: none"> -Vascular anatomy of the lower limb. -Surface anatomy of lower extremity arteries serving the surgical exposures. -Anatomy of the popliteal fossa -Anatomy of the inguinal region 	33.4%
	0.5		<p>✚ Attendance of 5 hours</p> <ul style="list-style-type: none"> Anatomy of the aortic arch -Anatomy of the descending aorta <hr/> <ul style="list-style-type: none"> - Anatomy of the abdominal aorta and visceral branches. - Anatomy of the IVC - Portal circulation 	16.6%
	1		<p>✚ Attendance of 10 hours</p> <ul style="list-style-type: none"> - Vascular anatomy of the upper limb. -Surface anatomy of upper extremity arteries serving the surgical exposures. <hr/> <ul style="list-style-type: none"> -Anatomy of carotid and vertebral arteries. 	33.3 %
Student Signature			Principle Coordinator Signature	Head of the department signature



Course 2

(Pharmacology)

Requirements

● **Credit points: 3 credit point.**

- Minimal rate of attendance 80% of lectures

Name of the course	Credit points	Responsible department	Attendance	Percentage of Achieved points
Pharmacology	0.5	Pharmacology	5 hours - General Pharmacology	16.6 %
	0.5		5 hours - Antimicrobial Chemotherapy. -Antimicrobial resistance	16.7%
	1		10 hours - Anti Platelets. -Thrombolytic therapy.	33.4%
	1		10 hours - Anti-Coagulants	33.3 %
Student signature			Principle coordinator signature	Head of the department signature

Course 3

(Microbiology) Requirements

● **Credit points: 2 credit point.**

- Minimal rate of attendance 80% of lectures

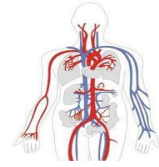
Name of the course	Credit points	Responsible department	Attendance	Percentage of Achieved points
Microbiology	0.5	Microbiology	<ul style="list-style-type: none"> Attendance of 5 hours - Bacterial structure, growth and metabolism - Bacterial genetics - Antimicrobial agents and resistance to antimicrobials. 	25%
	0.5		<ul style="list-style-type: none"> Attendance of 5 hours -Immunology -Sterilization -Nosocomial (hospital acquired) infection 	25%
	0.5		<ul style="list-style-type: none"> Attendance of 5 hours -Specific microorganisms and diseases Related to Surgical wound infections and diabetic foot. 	25%
	0.5		<ul style="list-style-type: none"> Attendance of 5 hours -Molecular biology : Angiogenesis, G.Fs. &stem Cells 	25%
Student Signature			Principle Coordinator Signature	Head of the department signature

Course 4

General surgery

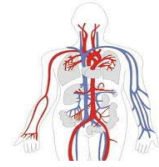
Requirements

- **Credit points:** 6 Credit point for didactic (lectures, seminars, tutorial) and 10 point for training.
- ✚ Minimal rate of attendance 80% of didactic and training
- ✚ Practice with clinical cases in each of the following:
 - ✚ General surgery Unit
 - ✚ Trauma Unit
 - ✚ Operative theatre



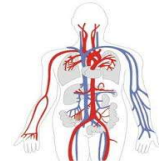
Name of the course	Credit points	Responsible department	Attendance	Percentage of Achieved points
General Surgery	Total 6	General surgery	Attendance 60 hours or active participation 30 hours	100%
	1		Attendance 10 hours or active participation 5 hours -Wound healing & management -Major trauma and the multiple injured patient -Fluid, electrolyte & acid-base imbalance	16.7%
	1		10 hours -Hemorrhage & blood transfusion -Homeostasis -Shock - Preoperative preparation - Post operative care	16.7%
	1		10 hours - Surgical infections - Organ transplantation - Lymphatic system	16.7%
	1		10 hours - General surgical instruments. - Abdominal incisions. - Differential diagnosis of acute abdomen.	16.7%
	1		10 hours - General complications of surgery. - General principles of intestinal surgery.	16.6%
	1		10 hours - Surgery of the neck	16.6%
	Student Signature			

General Surgery Course Lectures



department		department		
	2	General Surgery department	Practice with clinical cases in the <u>department</u> of General Surgery and interpretation of their different related laboratory investigation for -2- weeks <ul style="list-style-type: none"> ➤ Log of cases as mentioned below ➤ Procedures log as mentioned below 	20 %
	4		Practice with clinical cases for -- 4-- weeks in Trauma unit of surgery <ul style="list-style-type: none"> ➤ Log of cases as mentioned below ➤ Procedures log and operative log as mentioned below 	40 %
	3		Attendance in the elective Operative theatre of surgery once weekly (at least 6 hours) and in the emergency Operative theatre once weekly (at least 6 hours) for 8 weeks. <ul style="list-style-type: none"> ➤ Procedures log and operative log as mentioned below 	30 %
	1		Attendance in the out patient clinic of surgery once per week (at least 5 hour) for 6 weeks	10 %
Student signature			Principle coordinator signature	Head of the department signature

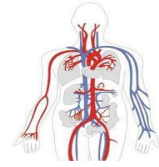
General surgery cases



Cases	Number
<ul style="list-style-type: none"> ➤ Multiple injured patient 	5
<ul style="list-style-type: none"> ➤ Fluid, electrolyte & acid-base imbalance 	5
<ul style="list-style-type: none"> ➤ Haemorrhage & blood transfusion 	5
<ul style="list-style-type: none"> ➤ Surgical infections 	5
<ul style="list-style-type: none"> ➤ Neck Swellings : 	10
<ul style="list-style-type: none"> ➤ <u>G:I:T:</u> 	
1-Upper G.I.T: ex cancer stomach, complicated peptic ulcer, diseases affecting the small intestine as tumors,...etc	5
2-Colorectal :ex cancer colon and rectum, bleeding per rectum,.....etc	10
3.Diseases affecting the anal canal: fissure, piles, cancer...etc	10
4-Acute abdominal conditions as peritonitis, appendicitis.	20
5-Acute intestinal bleeding:	5
6-Abdominal wall hernia and peritoneum:	15
Hepato-pancreato-biliary:	
1-Hepatic disorders	5
2-Biliary disorders	
3-Pancreatic disorders, Splenic disorders	

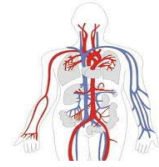
Principles of Basics of General surgery Course A-Clinical case log

H.N Or Date	Diagnosis of case	Level of participation	Location	Signature of supervisor
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1-Haemorrhoidectomy	10 B +C
2-Pilonidal sinus.	10 B +C
3-S.C swellings: lipoma,.etc	10 B +C
4-L.N biopsy.	10 B +C
+	
Assistant in the other surgical operations:	5 C
6-Driange of abscesses.	10 B +C
7- Open Appendicectomy.	10 B+C
8-Primary trauma survey; ABCD	10 B + C
Initial evaluation of different types of trauma	
9-Secondry trauma survey: abdominal, chest.	15 B +C
10-Wound evaluation and management	10 B +C
11-Evaluation of different types of abdominal trauma	10 B +C
12-1ry aid measures for trauma, venous access, chest tubes, endotracheal intubation, and focused ultrasonography for trauma in collaboration with different departments.	15 B+C
+	
13-Assissting in surgical procedures	15 B+C
14-Abdominal closure for trauma	10 B+C
15- Surgery of the neck	10C

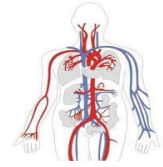
Test for the competency in the procedure* or operation



training	points	department		of Achieved points
Clinical training in Vascular Surgery Department	4	Vascular Surgery Department	<ul style="list-style-type: none"> ➤ Practice with clinical cases in the department including emergent cases interpretation of their different related laboratory investigation ➤ Log of cases as mentioned below ➤ Procedures log as mentioned below 	28.6%
	5		<ul style="list-style-type: none"> ➤ Night shift (From 2 pm to 8 am) at least 1 week for 10 weeks. 	35.7%
	2		<ul style="list-style-type: none"> ➤ Attendance of at least one Outpatient clinic per weeks (5 hours /day) for 12 weeks 	14.3%
	2		<ul style="list-style-type: none"> ➤ Attendance of at least 30% of clinical rounds with the 3 staff groups (2 hours /week for 30 week) 	14.3%
	1		<ul style="list-style-type: none"> ➤ Attendance of at least 80% of the clinical seminars ➤ Presentation of at least 1 case in the seminar 	7.1 %
Student signature			Principle coordinator Signature	Head of the department signature



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Vascular Surgery Department

Second Part

**Second Part
(Course 5)**

Vascular Surgery Requirements

- **Credit points:** 24 credit point for didactic (lectures, seminars, tutorial) during year 2 and year 3 (1.5 credit point out of these 24 for formative assessment - twice /year or at least 3 exam during whole period)
- 110 credit point for training (14 credit point during year 1 and 96 credit point during year 2 and year 3) (4-6 credit point out of these 96 for formative assessment - twice /year or at least 3 exam during whole period)
- Minimal rate of attendance 80% of didactic and training

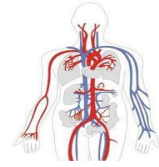
Distribution of credit points among modules of Vascular Surgery Course of master degree of Vascular Surgery

Modules/ Units Titles	%	Level	Core Credit points
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list	from total marks	(Year)	Didactic	Training	total
1- Module 1 Vascular Diagnosis	2.5%	1,2, 3	0.6	5.5	6.1
2- Module 2 - Basic Vascular Science	2.5%	1,2, 3	0.6	--	0.6
3- Module 3 - Vascular Trauma	20%	2 or 3	4.8	22	26.8
4- Module 4- Management of Lower Extremity Ischemia.	25 %	2 or 3	6	27.5	33.5
5- Module 5-Neurovascular conditions involving the upper extremity, angioaccess and vascular malformations	10%	2 or 3	2.4	11	13.4
6- Module 6- Arterial aneurysms Visceral Ischemia and Portal hypertension	10%	2 or 3	2.4	11	13.4
7- Module 7- Management of extra-cranial cerebrovascular diseases	10 %	2 or 3	2.4	11	13.4
8- Module8 – Management of Lymphatic diseases	5%	1,2, 3	1.2	5.5	6.7
9- Module 9- Management of Venous diseases	15%	1,2, 3	3.6	16.5	20.1
Total	100%		24	110	134

Rotation / attendance proof "multiple pages"

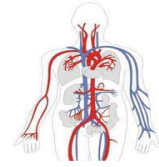
الأماكن التي تدرب بها



Name of the course	Credit points	Responsible department	Attendance	Percentage of Achieved points
Vascular Surgery (Unit 1-4)	12 CP	Vascular Surgery	Year 2	50% of the didactics the specialized course
	7 CP Divided into		Topics and attendance 70 hour One lecture /week (Lectures Schedule as described below:	58.3%
	0.5 0.5 3 3		- Unit 1: Vascular Diagnosis - Unit 2: Basic Vascular Science - Unit 3: Vascular Trauma - Unit 4: Management of Lower Extremity Ischemia.	
	3.25 CP At least 2 of them for unit 4		Seminars 2 hours- once / week for at least 6 month ➤ Attendance of at least - 80% of the clinical seminars for residence ➤ Attendance of at least 60% of the clinical seminars for the external ➤ Presentation of at least 4 time in the seminar	27.2%
	1		Conference or workshop	8.3%
0.75		Formative assessment	6.2%	
Student signature			Principle coordinator Signature	Head of the department signature

Lectures Schedule in year 2

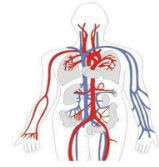
N.B there are additional topics in the course matrix and will be either presented in the seminar by the candidates or self study by the candidates or presented in the conference



Name of the course	Credit points	Attendance	Percentage of Achieved points
Vascular Surgery (Unit 1-4) (50% of the didactics the specialized course)	7	Year 2	100%
Unit 1			(7.1%)
	(Total 0.5)	5 hours Vascular Diagnosis and vascular Laboratory	
Unit 2			(7.1%)
	(Total 0.5)	5 hours Basic Vascular Science -Atherosclerosis -Intimal Hyperplasia -Vasculitis -Uncommon arteriopathies	
Unit 3			42.9%
	(Total 0.5)	5 hours -Extremity Vascular trauma	
	(Total 0.5)	5 hours -Thoracic Vascular trauma	
	(Total 0.5)	5 hours - Abdominal Vascular trauma	
	(Total 0.5)	5 hours -Cervicothoracic vascular trauma	
	(Total 0.5)	5 hours -Compartment syndrome	
	(Total 0.5)	5 hours Causalgia and posttraumatic pain -syndromes	
Unit 4			42.9%
	(Total 0.5)	5 hours -Acute extremity ischemia	



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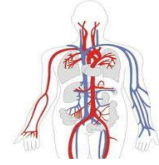


Vascular Surgery Department

	(Total 0.5)	5 hours -Acute extremity Ischemia	
	(Total 0.5)	5 hours -Chronic lower extremity ischemia	
	(Total 0.5)	5 hours -Chronic lower extremity ischemia	
	(Total 1 CP)	5 hours -Active participation by the candidates in the seminar for additional topics (related to vascular surgery)	
Student signature		Principle coordinator signature	Head of the department signature

Year 2 (48 credit point for training in Vascular Surgery including mini clinical exam)

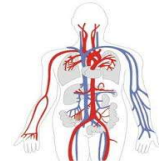
Clinical training	Credit points	Responsible department	Attendance	Percentage of Achieved points
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Clinical training in Vascular surgery	48	Vascular surgery	Year 2	50 % of the training in (Second part)
Vascular surgery	23	Vascular surgery	<ul style="list-style-type: 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 	47%
	13		<ul style="list-style-type: none"> ➤ Night shift (From 2 pm to 8 am) 2 night shift /week for at least 13 week In the department or in the trauma unit. 	27%
	2		<ul style="list-style-type: none"> ➤ Attendance of at least one day/ week in the Outpatient clinic (3 hours/day) for 20 week 	4.7%
	5		<ul style="list-style-type: none"> ➤ Attendance and practice of at least 3 day / week for 8 months in the operative theatre 	10.4%
	2		<ul style="list-style-type: none"> ➤ Attendance of at least 60% of clinical rounds of staff groups (2 hours/day for 30 week) 	4.7%
	3		Mini clinical exam	6.2%
Student signature			Principle coordinator Signature	Head of the department signature

Year 3

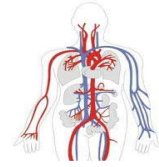
Name of the course	Credit points	Responsible department	Attendance	Percentage of Achieved points
Vascular	12	Vascular	Year 3	50% of the didactics the specialized course



Surgery (Unit 5-9)	7 CP	Surgery	Topics and attendance 70 hour One lecture /week (Lectures Schedule as described below -Neurovascular conditions involving the upper extremity, angioaccess and vascular malformations. - Arterial Aneurysms, Visceral Ischemia and Portal hypertension. -Management of extra-cranial cerebrovascular diseases. -Management of Lymphatic diseases -Management of Venous diseases	58.3%
	Divided into			
	1.5			
	1.5			
	1			
0.5 2.5				
	3.25		Seminars 2 hours- once / week for at least 6 month ➤ Attendance of at least - 80% of the clinical seminars for residence ➤ Attendance of at least 60% of the clinical seminars for the external ➤ Presentation of at least 4 time in the seminar	27.2%
	1		Conference or workshop	8.3%
	0.75		Formative assessment	6.2%
Student signature			Principle coordinator Signature	Head of the department signature

Lectures Schedule in year 3

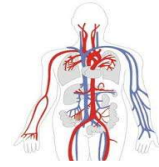
N.B there are additional topics in the course matrix and will be either presented in the seminar by the candidates or self study by the candidates or presented in the conference



Name of the course	Credit points	Attendance	Percentage of Achieved points
50% of the didactics the specialized course Unit 5-9)	7	Year 3	100%
Unit 5			21.4%
	(Total 0.5)	5 hours -Neurovascular conditions involving the upper extremity	
	(Total 0.5)	5 hours - Angioaccess	
	(Total 0.5)	5 hours - vascular malformations.	
Unit 6			21.4%
	(Total 0.5)	5 hours -Arterial Aneurysms	
	(Total 0.5)	5 hours - Visceral Ischemia	
	(Total 0.5)	5 hours - Portal hypertension	
Unit 7			14.3%
	(Total 0.5)	5 hours -Management of extracranial carotid occlusive lesions	
	(Total 0.5)	5 hours -Vertebrobasilar ischemia, aneurysms, uncommon arteriopathies	
	(Total 1)	5 hours -Active participation by the candidates in the seminar for additional	14.3%



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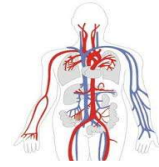


Vascular Surgery Department

		topics (related to vascular surgery)	
Unit 8			7.2%
	(Total 0.5)	5 hours - Management of Lymphatic diseases	
Unit 9			21.4%
	(Total 0.5)	5 hours -Management of acute DVT	
	(Total 0.5)	5 hours -Management of chronic venous occlusions	
	(Total 0.5)	5 hours -Management of venous insufficiency	
Student signature		Principle coordinator signature	Head of the department signature

Year 3 (48 credit point for training in vascular surgery mini clinical exam)

Clinical training	Credit points	Responsible department	Attendance	Percentage of Achieved points
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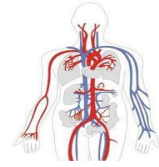


Clinical training in Vascular surgery	48	Vascular surgery	Year 2	50 % of the training in (Second part)
Vascular surgery	23	Vascular surgery	<ul style="list-style-type: none"> ➤ Practice with clinical cases in Vascular surgery for at least 8 month and interpretation of their different radiologic patterns (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 	47 %
	13		<ul style="list-style-type: none"> ➤ Night shift (From 2 pm to 8 am) 2 night shift /week for at least 13 week In the department or in the trauma unit . 	27 %
	2		<ul style="list-style-type: none"> ➤ Attendance of at least one day/ week in the Outpatient clinic (3 hours/day) for 20 week 	4.7 %
	5		<ul style="list-style-type: none"> ➤ Attendance and practice of at least 3 day / week for 8 months in the operative theatre 	10.4 %
	2		<ul style="list-style-type: none"> ➤ Attendance of at least 60% of clinical rounds of staff groups (2 hours/day for 30 week) 	4.7 %
	3		Mini clinical exam	6.2 %
Student signature			Principle coordinator Signature	Head of the department signature

Log of Cases:

At least 20% of these cases at year 1

Case	Number
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Management of thrombo-embolic acute limb ischemia	30
Vascular trauma to extremities	20
Abdominal vascular trauma	1
Cervical vascular trauma	2
Diagnosis and management of compartment syndrome	7
Management of chronic limb ischemia	15
Direct reconstruction of aortoiliac occlusive diseases	5
Thrombendarterectomy of aorta and peripheral arteries	2
Extra-anatomic bypasses	5
Infra-inguinal bypasses	6
Sympathectomies (lumbar, cervicodorsal)	10
Management of diabetic foot	50
Management of vasospastic arterial diseases	10
Thoracic outlet syndrome	4
Peripheral aneurysms	7
Management of central and peripheral arteriovenous fistulae	5
Congenital vascular malformation	5
Creation of native and prosthetic vascular access for hemodialysis	40
Management of cerebrovascular diseases	1
Carotid body tumors	1
Management of deep venous thrombosis	20
Caval interruption procedures	2
Management of varicose veins	30
Management of lymphoedema	5
Major and minor amputations	50

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

Clinical Rotation

Duration	Location	Signature of
----------	----------	--------------

Requirements

Observe during Year 1 (C)

Duplex arterial mapping (extremity exam)	3 cases/ week
Sclerotherapy for varicose veins	5 cases/week

Practice under supervision: during Year 2 (B)

Diagnostic Angiography	1 cases/week
Duplex scanning (arterial mapping – venous scanning)	10 cases/week
Sclerotherapy for varicose veins	5 cases/week

Practice independent: during year 3 (A)

Diagnostic angiography	20 Cases
Simple angioplasty (ballooning for short lesions)	10 cases
Duplex scanning (arterial-venous- abdominal-carotid)	30 CASES
Sclerotherapy for varicose veins	5 cases/week

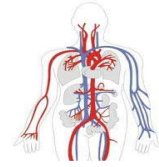
Non operative procedures

Angiography and angioplasty

Hospital number	Date	Diagnosis of case	Level of participation	Signature of
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Vascular Surgery Department

Operation	Number	*Level of competency
1. Vascular trauma	30	Year 1 (C), year 2 &3 (B+C)
2. Embolectomy	30	Year 1 (C), year 2 &3 (B+C)
3. Diabetic foot infection	50	Year 1 B + C, year 2&3 (A)
4. Thrombolysis	5	C

* Level of competency

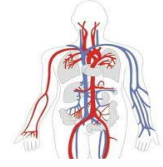
A- Independent performance

B- Performance under supervision

C- Observed

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

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

A- Independent performance

B- Performance under supervision

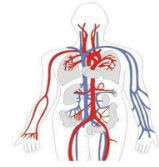
C- Observed

** At least lecturer

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



كلية الطب



Vascular Surgery Department

* Level of competency

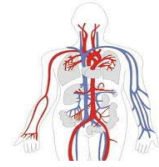
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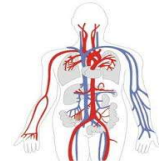
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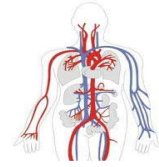


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Vascular Surgery Department

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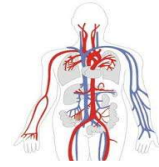
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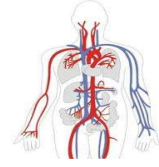
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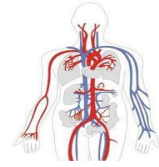
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Hospital number	Date	Procedure	Level of competency*	Signature of supervisor**



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- ** At least lecturer

***Elective Vascular surgical
Procedures log book
List of requirements
20% OF CASES AT YEAR 1***

Operations	Number	* Level of competency
Management of chronic limb ischemia	15	C
Direct reconstruction of aortoiliac occlusive diseases	2	C
Thrombendarterectomy of aorta and peripheral	2	C

arteries		
Extra-anatomic bypasses	3	C
Infra-inguinal bypasses	4	C
Sympathectomies (lumbar, cervicodorsal)	10	Year 1 (C), Year 2&3 (B+C)
Management of vasospastic arterial diseases	10	C
Thoracic outlet syndrome	2	C
Peripheral aneurysms	3	C
Management of central and peripheral arteriovenous fistulae	3	C
Congenital vascular malformation	2	C
Creation of native and prosthetic vascular access for hemodialysis, fixation of permanent venous catheter for dialysis (permacth)	30	10 Year 1 (C), 20 Year 2&3 (B+C)
Management of cerebrovascular diseases	1	C
Carotid body tumors	1	C
Management of varicose veins	15	B+ C
Management of lymphoedema	5	B + C
Major and minor amputations	30	B + C

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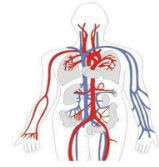
C- Observed

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

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



كلية الطب



Vascular Surgery Department

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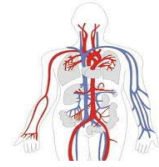
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** At least lecturer

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



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Vascular Surgery Department

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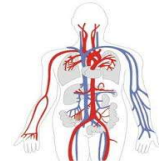
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Hospital number	Date	Procedure	Level of competency*	Signature of supervisor**



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Vascular Surgery Department

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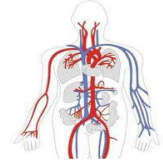
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** At least lecturer

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



كلية الطب



Vascular Surgery Department

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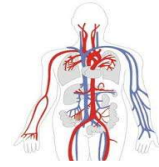
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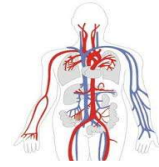


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Vascular Surgery Department

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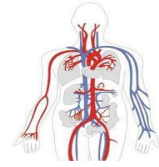
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Hospital number	Date	Procedure	Level of competency*	Signature of supervisor**



كلية الطب



Vascular Surgery Department

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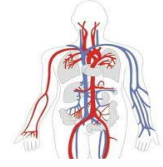
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كلية الطب



Vascular Surgery Department

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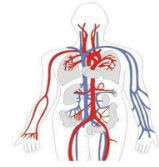
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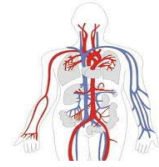
** At least lecturer

Formative assessment MCQ and clinical examination

Exam	Score	Grade*	Date	Signature



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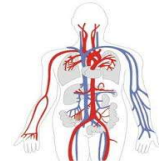


Vascular Surgery Department

***Degree**

- A- Excellent
- B- Very good
- C- Good
- D- Pass
- E- Bad

Postgraduate student's program
Rotation in training assessment



*** Name:**

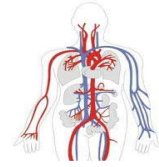
*** Period of training From: To:**

*** Site:**




***Rotation**

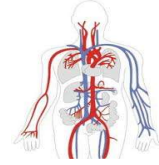
General skills	could not judge (0)	strongly disagree(1)	(2)	(3)	(4)	(5)	(6)	strongly agree (7)
Perform practice-based improvement activities using a systematic methodology (share in audits and risk management activities and use logbooks).								
Appraises evidence from scientific studies.								
Conduct epidemiological studies and surveys.								
Perform data management including data entry and analysis and using information technology to manage information, access on-line medical information; and support their own education.								

General skills	could not judge (0)	strongly disagree(1)	(2)	(3)	(4)	(5)	(6)	strongly agree (7)
Facilitate learning of students other health care professionals including their								



evaluation and assessment.								
Maintain therapeutic and ethically sound relationship with patients.								
Elicit information using effective nonverbal, explanatory, questioning, and writing skills.								
Provide information using effective nonverbal, explanatory, questioning, and writing skills.								
Work effectively with others as a member 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, business practices.								

General skills	could not judge (0)	strongly disagree(1)	(2)  (3)	(4)  (5)	(6) 	strongly agree (7)
Demonstrate sensitivity and responsiveness to						



patients' culture, age, gender, and disabilities.									
Work effectively in relevant health care delivery settings and systems including good administrative and time management									
Practice cost-effective health care and resource allocation that does not compromise quality of care.									
Assist patients in dealing with system complexities.									

Elective course

Requirements

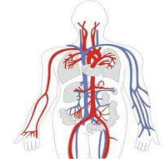
- Credit points: 2 credit point.
- Minimal rate of attendance 80% of lectures and 80% of training
- **The student choose one of these courses**
 - Medical statistics.
 - Evidence based medicine.
 - Medicolegal Aspects and Ethics in Medical Practice and Scientific Research
 - Quality assurance of medical education.
 - Quality assurance of clinical practice.
 - Hospital management

Name of the elective course: -----

Elective Course Lectures



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Vascular Surgery Department

..... -2
..... 3
..... -4
تاريخ القيد لدرجة : / /
تاريخ التسجيل الموضوع:
المتابعة الدورية:

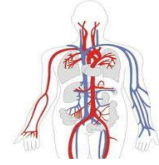
التاريخ	ما تم انجازه من بروتوكول البحث	المتبقي	توقيع المشرفين

Declaration

Course Structure Mirror	Responsible (Course) Coordinator Name:	Signature	Date
First Part			
Course 1			
Course 2			
Course 3			



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Vascular Surgery Department

Course 4			
Second Part			
Course 5 Vascular Surgery			
- Thesis Acceptance Date:			
- Fulfillment of required credit point prior to final examination			
Vascular surgery Master degree			
Principle Coordinator: Prof. Dr.			
Date approved by Vascular surgery Department Council			

يعتمد ،

رئيس القسم

/د/