



EDAIC and HCMS

Dr Yehia H. Khater

Emeritus Professor of Anaesthesiology

Member of Anaesthesia Board HCMS

Chairman WFSA executive committee

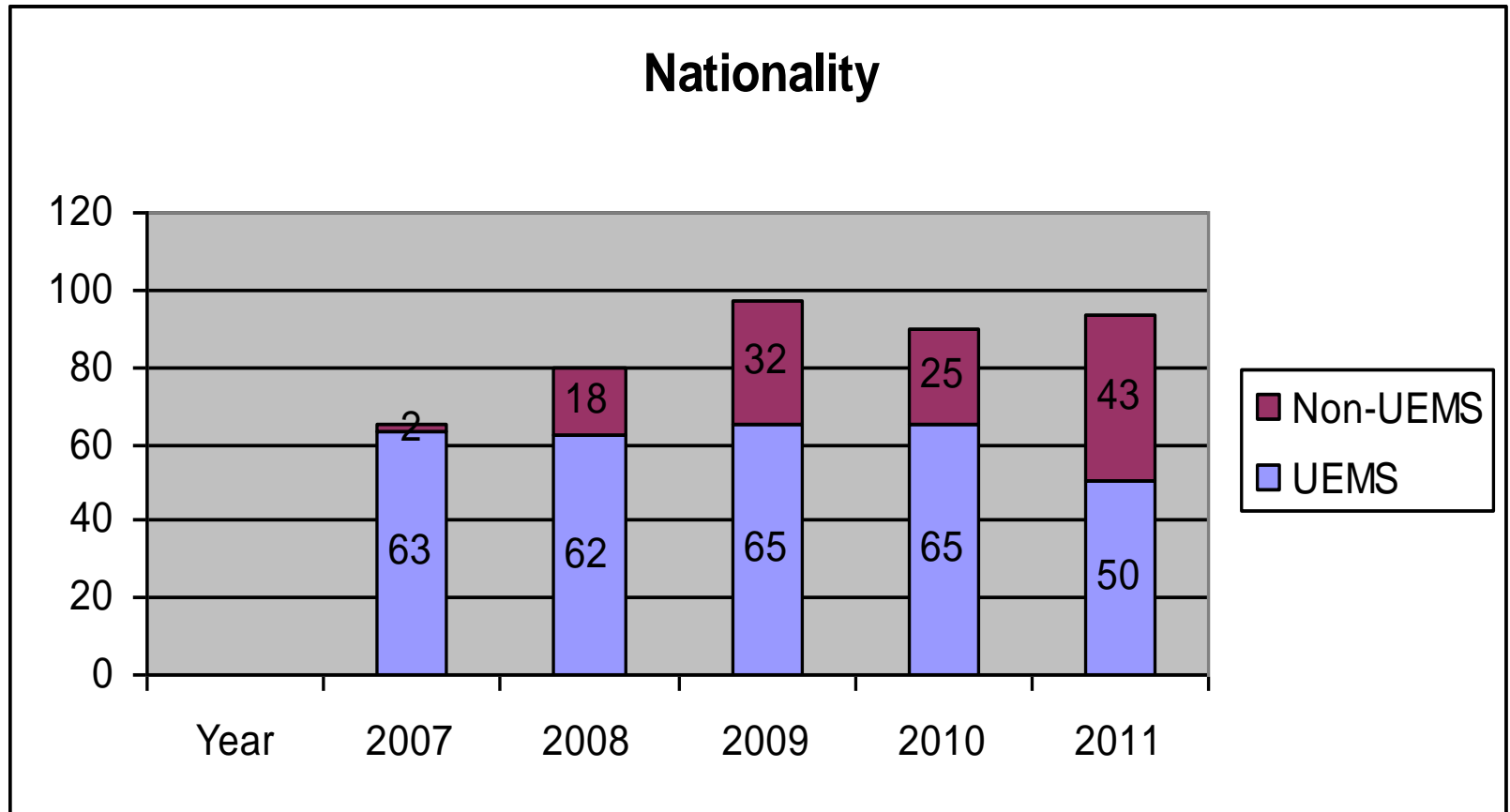
Acting President of Pan Arab Federation

of Societies of Anesthesiologists PAFSA

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EBOPRAS candidates





Which countries?
How many?
How do they do?

Arab countries 61
Others 14
Success 62%

Country of specialisation	Total	Pass%	First candidate
Brazil	1	0%	19-Mar-11
Egypt	32	63%	20-Sep-08
Germany	1	100%	20-Sep-08
India	4	50%	11-Sep-10
Iraq	8	75%	20-Sep-08
Kuwait	2	100%	20-Sep-08
Lebanon	1	100%	19-Mar-11
Pakistan	5	60%	20-Sep-08
Palestine	1	0%	12-Sep-09
Qatar	1	100%	20-Sep-08
Saudi Arabia	7	71%	20-Sep-08
Sri Lanka	1	100%	12-Sep-09
Sudan	2	50%	12-Sep-09
Syria	5	20%	12-Sep-09
Tunisia	2	50%	20-Sep-08
USA	2	50%	12-Sep-09



What are the issues?

Application form spelling of names first name last name
dates formats

Assuring specialist status

Communication

Visas

Bank charges

Exam fees

Stateless individuals

Syllabus

Certifying diplomas

What are the issues?

- **Application form** spelling of names first name last name dates formats
- **Assuring specialist status** Which is the Official Authority? Who grants Specialist Status? Ministry of Health? National Medical Organisation? National Society? University? College? Hospital?
- **Communication** Confusion over names. Foreign characters not always accepted by software Email address is most consistent Postal delays lead to multiple emails
- **Visas** Are needed by most non-UEMS applicants, May need a supporting letter, Name on passport may not match application, Who to send letter to – candidate or embassy? How to send – mail, fax, email? Who to send letter to – candidate or embassy? How to send – mail, fax, email?
- **Bank charges** Very high for some non-UEMS countries €50 not uncommon for a transaction of €250
- **Exam fees**
- **Stateless individuals** kurdo
- **Syllabus**
- **Certifying diplomas** stamps



Assuring specialist status



How do we verify this?



Assuring specialist status

Get an English translation?

This looks convincing -
Ministry of Health

Sworn translator
Abdel Hai Mashhadani
Arabic – English
Phone: 4643406 – 2119911 ٢١١٩٩١١ – ٤٦٤٣٤٠٦ هاتف

الترجمان المحدث
عبد الحي مشهاداني
عربي – إنكليزي
هاتف : ٤٦٤٣٤٠٦ - ٢١١٩٩١١

Syrian Arab Republic
Ministry of Health

No.:3054

الجمهورية العربية السورية - وزارة الخارجية
تصادق على صحة التوقيع والاسم دون
أية مسؤولية على مسئوليات الوثيقة
٢٤ تموز ٢٠١٠

Certificate of Specialization Registry

According to legislative decree No. 12 issued on 07.01.1970 and amendments ,the physician **Shadi Naasan Alhaj Ali** son of Salem born in Albab in 1979 was registered as specialized in Plastic and Reconstructive Surgery on 03.06.2010 under No. 30728 .

As a notice for said he was given this certificate.

Damascus 24.06.1431 H 06.06.2010 A.D

Minister of Health
Dr.Redha Said
Signature

True copy of the original by the director of record and medical & health Licenses on 15.06.2010 (Seal and signature). – Seal and signature.

Authentic translation of the annexed Arabic copy.
Aleppo on.21/11/10

Sworn Translator
Abdel Hai Mashhadani

٨- تصديق على الخاتم والتوقيع المحررين
خاتم... السيد... والتوقيع السيد...
دون أية مسؤولية فيما يخص مسئوليات الوثيقة
حطب في
٢٤ تموز ٢٠١٠



Assuring specialist status

Is this the Official Authority?

 مركز التخطيط والجودة للخدمات الطبية CENTER FOR HEALTHCARE PLANNING & QUALITY	
PROFESSIONAL LICENSE	رخصة مهنية
This is to certify that	نشهد بموجب هذا أن
Ali Hassan	Ali Hassan
has met the requirements of Dubai Healthcare City Licensing Board to practice as, and use the title of:	قد استكمل شروط مجلس الترخيص في مدينة دبي الطبية لممارسة المهنة واستخدام اللقب العلمي بصفة:
Doctor of Medicine With the Specialty of Plastic Surgery in accordance with Dubai Healthcare City regulations.	Doctor of Medicine بتخصص Plastic Surgery وفق أحكام لوائح مدينة دبي الطبية.
 Chairman of the Dubai Healthcare City Licensing Board	 رئيس مجلس الترخيص في مدينة دبي الطبية
MS0488-09	26-Jul-11P
License No رقم الرخصة	Issue Date تاريخ الإصدار
	27-Jul-09
	Expiry Date تاريخ الانتهاء

DMCC-CPQ/PLD-PC V.2.1



Certifying our diplomas





Arab World





Population



Pos	Country	Population	World ranking
1	Egypt	81	16
2	Algeria	36	34
3	Iraq	34	37
4	Morocco	32	39
5	Sudan	31	40
6	Saudi Arabia	27	45
7	Yemen	24	49
8	Syria	23	55
9	Tunisia	10	77
10	Somalia	9	85
11	UAE	8	93
		315	
		146	



Population

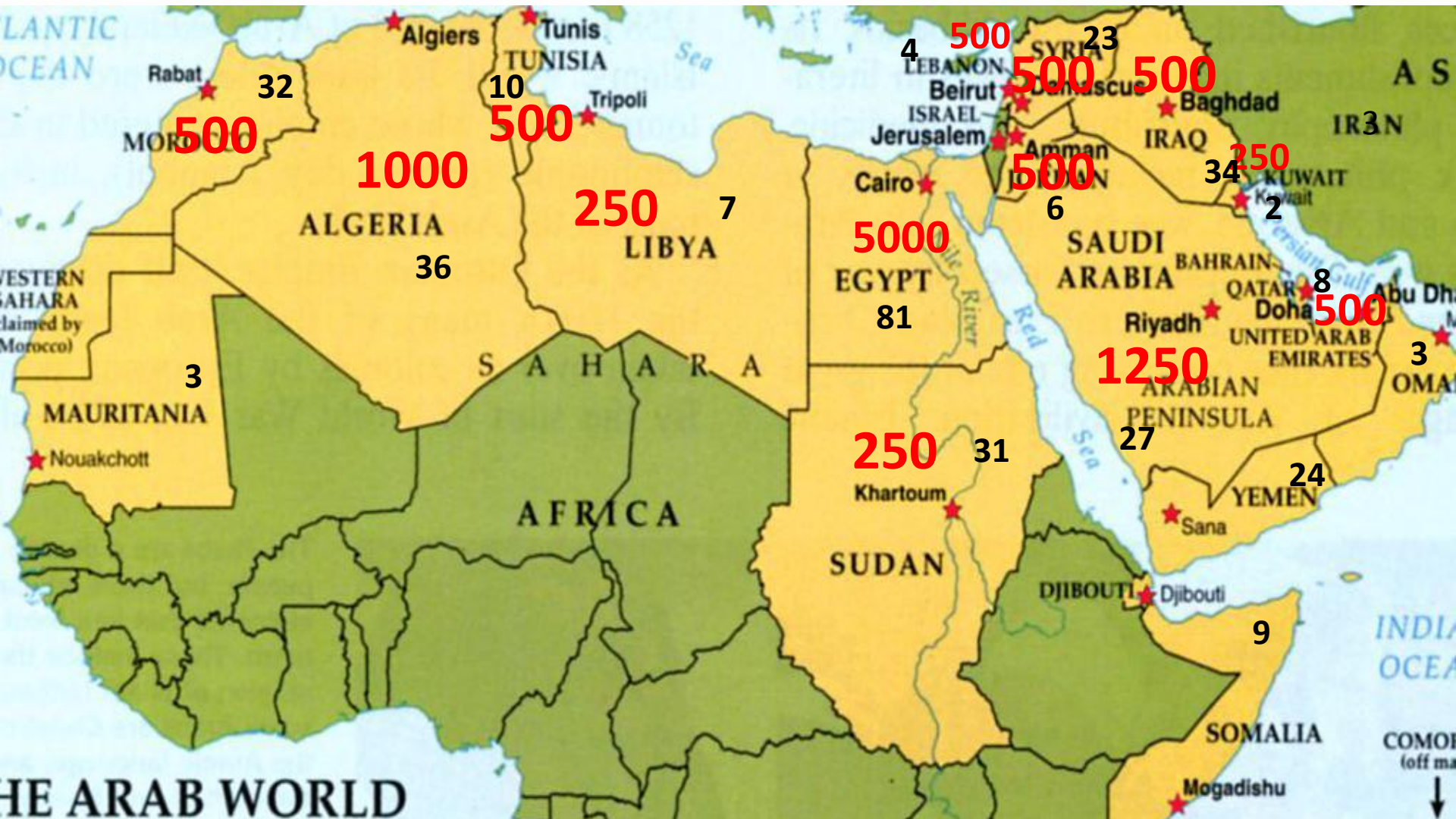
Pos	Country	Population	World ranking
12	Libya	7	103
13	Jordan	6	106
14	Lebanon	4	125
15	Palestine	4	126
16	Mauritania	3	134
17	Kuwait	3	138
18	Oman	3	139
19	Qatar	2	149
20	Bahrain	<1	155
21	Djibouti	<1	159
22	Comoros	<1	163

Total Arab League 350

7/35



Distribution of Anaesthesiologists





Formation and Specialization



- Language
- Basic training
- Variety of certification
- Arab Board



Certificates

MB,BCh

Diplomas X

Master Degree

PhD

Boards (Arab board)

How to know?



Curriculum

This is to prove that Mr. Ahmed Ahmed Abu Shamaa Ahmed was admitted as a regular student in **Faculty of Medicine, Cairo University** and was awarded the degree of MB.B.Ch. in **Oct. 2002** with grade **GOOD** after attending one year training as necessitated by the regulations.



Dean

Prof. Dr. Hussein M. Khairy

12/8/2012



Certificate

This is to certify that Mr. Ahmed Ahmed Abu Shamaa Ahmed was admitted as a regular student in **Faculty of Medicine, Cairo University** and was awarded the degree of MB.B.Ch. in **Oct. 2002** with grade **GOOD** after attending one year training as necessitated by the regulations.

During his study at the Faculty he showed himself to be of good conduct and behaviour, hard working, cooperative with staff and colleagues.

During that period he passed successfully the following disciplines:

- Anatomy, Physiology, Histology, Biochemistry
- Pathology, Pharmacology, Microbiology, Parasitology
- Ophthalmology, Ear / Nose & Throat, Forensic Medicine, Public Health
- Pediatrics, Obstetrics / Gynecology
- General Surgery, General Medicine

All the communications and subjects were studied in **English**

Appropriate conduct and behaviour are prerequisites of the degree.

This is to be presented **To Whom It May Concern.**



Dean

Prof. Dr. Hussein M. Khairy

12/8/2012



(٢٦) للدرجة العلمية: ماجستير التخدير والعناية المركزة الجراحية وعلاج الألم
القسم المانح للدرجة: التخدير والعناية المركزة الجراحية وعلاج الألم
اجمالي النقاط المعتمدة: ١٧٥
اشتراطات خاصة للتقدم للحصول على الدرجة: -

المقرر	Course	الكود	النقاط المعتمدة
الجزء الأول			
مقررات أساسية			
١	ANES 801 Anatomy		
٣	ANES 804 Physiology		
٣	ANES 807 Pharmacology		
٢	ANES 823 PCM		
٢	ANES 811 Internal Medicine		
٢	ANES 823 Basics of Anesthesia		
١٣	اجمالي المقررات الأساسية		
٠,٥	MEDC.1 Critical Reading		
٠,٥	MEDC.2 Scientific writing		
٠,٥	MEDC.3 Evidence-based medicine		
٠,٥	MEDC.4 Medical statistics (2)		
٠,٥	MEDC.5 Medical ethics		
١	اجمالي المقررات الاختيارية		
٢			
٤٨	ANES 823 C1		
٦٥	اجمالي الجزء الأول		
الجزء الثاني			
مقررات أساسية			
١	ANES823 Anesthesia, ICU & Pain Management		
١	ANES823Ta a- Anesthesia Machine and Equipments		
٤	ANES823Tb b- General Anesthesia		
٨	ANES823Tc c- Specialized Anesthesia		
٢	ANES823Td d- Surgical I, C, U		
١	ANES823Te e- Pain Management		
١٦	اجمالي المقررات الأساسية		
٤			
٧٠	ANES 823 C2		
٩٠	اجمالي الجزء الثاني		
٢٠			
١٧٥	اجمالي الدرجة العلمية		

نظام الامتحان وتوزيع الدرجات (ماجستير التخدير والعناية المركزة الجراحية وعلاج الألم)

المادة	الاختبار	الدرجة	الدرجة	الدرجة
الجزء الأول	درجة تحريري	درجة شفوي	عملية - إكلينيكي	اجمالي
التشريح + الفسيولوجي	اختبار تحريري مدته ساعة + شفوي + عملي	٣٠ +	٢٠ +	٥٠ +
الفارماكولوجيا	اختبار تحريري مدته ساعتين + شفوي	١٠٠	٥٠	١٥٠
الفيزياء والقياسات الإكلينيكية	اختبار تحريري مدته ساعتين + شفوي	٦٠	٤٠	١٠٠
الباطنة	اختبار تحريري مدته ٣ ساعات + شفوي	٦٠	٢٠	١٠٠
القواعد الأساسية للتخدير	اختبار تحريري مدته ساعة + شفوي + إكلينيكي	٦٠	٢٠	١٠٠
الإجمالي				
الجزء الثاني				
التخدير والعناية المركزة الجراحية وعلاج الألم	عدد (٢) اختبار تحريري مدة كل منهما ٣ ساعات + حالة ساعة + شفوي + عملي	١٥٠ +	١٢٥	٢٧٥
		١٥٠ +	٣٠٠	٨٠٠

لعمري
د. ماجستير
د. كريمة

نظام الامتحان وتوزيع الدرجات (دكتوراه التخدير والعناية المركزة الجراحية وعلاج الألم)

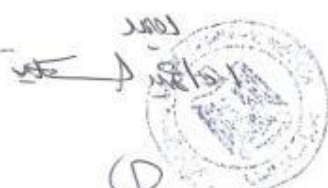
المادة	الاختبار	الدرجة		
		تحريري	شفوي	عملي - (إجمالي)
مواد أساسية				
التشريح التطبيقي المتقدم الفسيولوجيا التطبيقية المتقدم الفارماكولوجيا التطبيقية المتقدمة فيزياء وقياسات إكلينيكية متقدمة الإحصاء الطبي في مجال التخدير	اختبار تحريري منته 3 ساعات + شفوي	١٠٠	١٠٠	٢٠٠
التخدير المتخصص المتقدم	اختبار تحريري ورقين منته كل منهم 3 ساعات + تعليق على حالة إكلينيكية (3 ساعات) + شفوي + إكلينيكي	٢٠٠ + ٢٠٠ + ٢٠٠	٢٠٠	٢٠٠
مواد اختيارية يختار مقررین فقط	يحضر الطالب ١٠٠ % في ورشة العمل كشرط لدخول الامتحان			



(٢٧) الدرجة العلمية: دكتوراه التخدير والعناية المركزة الجراحية وعلاج الألم
القسم المانح للدرجة: التخدير والعناية المركزة الجراحية وعلاج الألم
إجمالي النقاط المعتمدة: ٢٩٥ (١٧٥ للماجستير + ١٢٠ لدكتوراه)
اشتراطات خاصة للتقدم للحصول على الدرجة:

المقررات الدراسية وتوزيع النقاط المعتمدة

النقاط المعتمدة	الكود	Course	المقرر
١٧٥			درجة الماجستير السابق الحصول عليها
٠,٥	ANES 923 AAN	Advanced Applied Anatomy	مقررات أساسية
١	ANE 923 APS	Advanced Applied Physiology	التشريح التطبيقي المتقدم
١	ANES 923 APH	Advanced Applied Pharmacology	الفسيولوجيا التطبيقية المتقدم
١	ANES 923 APM	Advanced Applied Physics & Clinical Measurements	الفارماكولوجيا التطبيقية المتقدمة
٠,٥	ANES 923 SA	Statistics for Anesthetist	فيزياء وقياسات إكلينيكية متقدمة
٢٠	ANES 923 ASA	Advanced Specialized Anesthesia	الإحصاء الطبي في مجال التخدير
٢٤		إجمالي المقررات الأساسية	التخدير المتخصص المتقدم
٠,٥	ANES 923 I.C.U.	I.C.U.	مقررات اختيارية
٠,٥	ANES 923 APM	Advanced Pain Mangoment	بختار الطالب مقررین فقط
٠,٥	ANES 923 APC	Advanced Applications in Pediatric Cardiac Surgery	الرعاية المركزة للحالات الحرجة
٠,٥	ANES 923 BTE	Basics of Transoesophageal Echocardiography	دراسة متقدمة في علاج الألم
٠,٥	ANES 923 EEP	Electro Encephalogram and Evoked Potentials	تطبيقات متقدمة في تخدير حالات القلب للأطفال
٠,٥	ANES 923 RRA	Radiodiagnosis Related to Anesthesia and I.C.U	مبادئ تصوير للتظلم عبر المرئ الموجات فوق الصوتية
٠,٥	ANES 923 CN	Clinical Nutrition	فسيولوجيا الأعصاب ورسم المخ
٠,٥	ANES 923 UGA	Guided Regional Anesthesia	مبادئ الأشعة التشخيصية
٠,٥	ANES 923 DM	Disaster Medicine	التغذية الإكلينيكية
١		إجمالي المقررات الاختيارية	التخدير الموضعي باستخدام الموجات فوق الصوتية
٥			طب الكوارث
٥٠	ANES 923 C		الأنشطة العلمية
٤٠			التدريب العملي / الإكلينيكي
٢٩٥			الرسالة





The Higher Committee of Medical Specialties
Egyptian Fellowship Board



ANAESTHESIA & SURGICAL ICU

curriculum

Egyptian Fellowship Board

Anesthesia and surgical ICU Curriculum

Production Design By:



www.360-medical.com

The Structure and Regulation of Anesthesiology Training

The Egyptian Fellowship Board requires four years of supervised training program that must be conducted in accredited hospitals before sitting for the final examination. A list of accredited hospitals will be announced yearly by the board. Entry to the anesthesiology training program has the following requirements for trainees who are affiliated to MOHP:

1. Graduation from medical school and successful completion of the pre-registration house officers' year.
2. Trainees, who finished their master /diploma degree in anesthesiology, will join the program from its third year and are exempted from the first part exam.
 - It is to be noted that this rule only applies for those who get the master / diploma within five years. If more than five years passed, they must re-site for the first part exam.

The anesthesiology fellowship-training program consists of four years of training. During the entire training program, the candidate must be dedicated full time and must be responsible for patient care under supervision or independently according to his training stage and acquired competencies.

First years

The trainee should spend the first year of training as follows:

- a. The first four months of training must be spent in general surgery practice in accredited training hospital.
- b. Two months in ENT specialty.
- c. Three months in Traumatology and Emergency.
- d. Three months in Day case surgery.

The sequencing of rotations is flexible for the last three rotations.

Second and Third years

The trainee should spend the second and third years of training as follows:

- | | |
|-----------------------------------|----------|
| • Cardiothoracic surgery | 3 months |
| • Neurosurgery | 3 months |
| • Gynecology and obstetrics | 4 months |
| • Ophthalmic surgery | 2 months |
| • Pediatric surgery | 3 months |
| • Orthopedic surgery | 3 months |
| • Maxillo-facial surgery | 3 months |
| • Surgical urology and nephrology | 3 months |

□ The sequencing of rotations is flexible.

Fourth years

The trainee should spend the fourth year of training in intensive care units .

Important notice

Trainees must pass successfully all the seven foundation courses **before being promoted to the second year of training**. Full information about foundation courses is available at the Egyptian board website and administration office

Trainees duties and obligations

1. Trainees must attend at least 75% of lectures in anesthesiology subjects. They should pass successfully through the first part exam before being promoted to the third year of training.
2. They should be actively involved and fully responsible for patient care including sharing in making decisions under supervision of the consultants.
3. They must attend 75% of weekly meetings including clinical meetings, tutorials and journal clubs.

The Logbook

The trainees must keep and update the logbook where they record all activities and skills performed and learned during the training program. The activities should be dated and categorized to whether been performed by the trainee him/herself or as an assistant or participant. Each activity registered in the logbook should be countersigned by the trainer and finally the educational supervisor. The trainer and educational supervisor shall sign the completed logbook.

The Research project

The trainee who successfully pass the first part exam, will write an essay about a specific topic under supervision of the professor supervising the area of training. The essay should be presented before the trainee is accepted for admission to the final certifying examination.

Before the completion of the training program, the trainee should have completed satisfactorily the rotations described in the structure of the program, performed him/herself, and assisted in the various requested procedures.

General Rules and Regulation

Holidays and on call duties:

According to Ministry of Health and Population regulation.

Evaluation Procedures:

- a. Performance of the trainee shall be evaluated on regular and continuous basis. The evaluation process should involve all aspects of the training including theoretical, clinical and investigative, procedures skills as well as the attendance and participation.

4. Their performance will be monitored and evaluated by trainers and a report made of their performance on monthly basis to the Egyptian Fellowship Board.
5. All trainees will work as residents in the training specialty and they must fulfill all residents jobs defined by supervisors and trainers
6. They should be responsible under supervision for routine work until getting competent.
7. They must take supervised shifts according to the hospitals requirements and regulation

Specific Requirements and Obligations

First years

By the end of the first year, the trainee should be competent in:

- a. Pre-operative assessment and post-operative care of surgical cases
- b. Airway assessment.
- c. Safe induction and maintenance of general and regional anesthesia
- d. Immediate Life Support.
- e. Understanding basic principles of equipment, monitoring and safe anesthetic machine.

During this year, the trainee will be also allocated to cover on call in Emergency theatre as well as covering for cardiac arrest and trauma call.

Second and Third years

The trainee should be working independently and he should be able to anesthetize most of the routine cases without immediate supervision.

Fourth years

The trainee will spend the whole year in the ICU department

- ❑ **Before entering the final exam, the trainee will be linked to a University Hospital to be assessed by a University staff member.**



6. POSTOPERATIVE AND RECOVERY CARE

By the end of training, the trainees should be able to:

Knowledge

1. **Define** causes and treatment of failure to breath at end of operation, distinguishing between opiate excess, continued anesthetic effect and/or residual paralysis and principles of monitoring the patient in recovery and care of the unconscious patient.
2. **Describe** indications and techniques of Oxygen therapy, management of cyanosis, hypo- and hypertension, shivering and stridor , postoperative fluid balance and prescribing .
3. **Describe** methods of assessment of pain and principles of pain management
4. **Describe** methods of treating postoperative nausea and vomiting, causes and management of post-operative confusion, and list different recovery room equipments.
5. **Discuss** management of asthma, COPD, hypertension, IHD, rheumatoid arthritis, jaundice, steroid therapy, diabetes, and the obese patient.
6. **Discuss** prevention, diagnosis and management of postoperative pulmonary atelectasis, deep vein thrombosis and pulmonary embolus.
7. **Define** the criteria for discharge of day-stay patients.

Skills

1. **Manage** recovery from anesthesia in patients with elective and urgent conditions requiring gynecological, abdominal, orthopaedic, ENT, dental, urological and body surface surgery.
2. **Deliver** clear instructions during handover of patient to recovery staff, assess full return of protective reflexes, and adequacy of ventilation/reversal .
3. **Recognize** residual relaxant action and appropriately use nerve stimulator
4. **Perform** extubation and airway protection in presence of potentially full stomach, and treat nausea and vomiting.
5. **Prescribe** postoperative fluids, assess fluid balance and the need for urethral catheterization.
6. **Evaluate** and manage post-operative confusion, assess postoperative pain and appropriately prescribe postoperative pain regimen.
7. **Stabilize** the patient before discharge from recovery and continue providing care until discharge from recovery, and beyond as appropriate.
8. **Appropriately discharge patients to ward**, and discharge day-stay patients according to standard criteria .



The High Committee of Medical Specialties



- (HCMS) is the body responsible for approval, delivery and assessment of postgraduate medical and surgical training at the Ministry of Health, Egypt.
- Currently 51 scientific boards of different specialties are affiliated to the HCMS.
- Training is on the job residency training conducted in more than 200 accredited hospitals and health care centers across the country in the 51 specialties



The High Committee of Medical Specialties



- “Fellow of the Egyptian Board of the specialty” and they get licensed to practice as specialists.
- HCMS serves as an exam center that host exams of
 - the Arab Board of Medical Specialties,
 - The Royal College of Surgeons in Ireland (MRC SI)
 - the College of Emergency Medicine in the UK (MCEM).
- The scientific council of Anaesthesia is formed of 14 university professors and consultants. It oversees the educational, training and assessment processes of trainees in the specialty



The High Committee of Medical Specialties



- Announcing the Exam date among Egyptian Anaesthesia specialists according to the date set by the ESAIC.
- Accepting applications for the exam from Anaesthesia Specialists from Egypt and Abroad.
- Revising the applications to ensure that applicants fulfill the exam requirements set by the ESAIC.
- Sending the revised applications to the ESA for final approval.
- Providing the Exam venue according to the standards set by the ESAIC.
- Appointing a supervisor for the Exam from the scientific council of anaesthesia to collaborate with ESAIC in the Exam logistics and monitoring.



ESAIC



- Announcing Egypt as an Exam center among other countries.
- Doing the final revision for the applicants and nominating candidates who are legible to sit for the Exam.
- Sending the Exam to the HCMS in due time.
- Doing the Evaluation of the Exam papers and announcing the results.
- Providing candidate reports.



Thank You