

CURRICULUM VITAE
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Dr.Mahmoud Almustafa, **MD, D.E.A.A, FACHARZT.**

Nationality: Jordanian

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Current position

- Dec 27th 2006-date: Consultant anesthesia and Intensive care- Jordan university hospital
Amman/Jordan

- Sep 26th 2011-date: **Associate professor** in Anesthesia department -Faculty of medicine
The University of Jordan. (Jan 15th 2007 till Sep 26th 2011 Assistant professor)

Previous positions

- **Adjunct Associate Professor** at Alfaisal University / KSA (2015-2018)

- **Section Head of** orthopedic, Vascular and plastic anesthesia at King Faisal Specialist Hospital and Research Center (KFSH&RC) , Riyadh, Saudi Arabia 2017/2018.

- **Section Head of** Acute Pain Service (APS) at King Faisal Specialist Hospital and Research Center (KFSH&RC) , Riyadh, Saudi Arabia.2017/2018.

- September 2015- September 2017: **Co-director of medical students** at anesthesia department for Faculty of medicine in Alfaisal University, Riyadh, Saudi Arabia.

- September 6th 2014–August 14th 2018 : **Consultant orthopedic anesthesiologist**, King Faisal Specialist Hospital and Research Center (KFSH&RC) , Riyadh, Saudi Arabia

Qualifications and certifications

- German board in Anesthesia and intensive care (**FACHARZT**) – Germany, August 2006

- European Diploma** in Anesthesia and intensive care -Belgium, October 2007

- Arab board** in Anesthesia and intensive care –Damascus- Syria, April 2004

- Jordan board** in Anesthesia and intensive care –Amman, Jordan, August 2003

- High specialization** in anesthesia and ICU degree- The University of Jordan, Amman-Jordan. July 2003

- MB BS faculty of medicine** – The University of Jordan, Amman-Jordan 1998.

Publications

1-Al-Oweidi AS, Albabtain H, Kharabsheh SM, Kimme P, **Almustafa M**, Seder S, Shoukri M, Fathala AL. Prevalence and predictors of myocardial ischemia by preoperative myocardial perfusion single photon emission computed tomography in patients undergoing noncardiac surgery. Ann Saudi Med. 2017 Nov-Dec;37(6):461-468.

2-Al-Mustafa MM, Al Oweidi AS, Al-Zaben KR, Qudaisat IY, Abu-Halaweh SA, Al-Ghanem SM, Massad IM, Samarah WK, Al-Shaer RA, Ismail SI. Remifentanyl consumption in septoplasty surgery under general anesthesia. Association with humane mu-opioid receptor gene variants. Saudi Med J. 2017 Feb;38(2):170-175

3-**Mahmoud Al-mustafa**, Abdelkarim Al Oweidi, Khaled Al-Zaben, Ibraheem Qudaisat, Sami Abu-Halaweh, Subhi Al-Ghanem, Islam Massad, Walid Samarah, Reem Al-Shaer, Said Ismail and Fawaz Kazalah.-B2 Adrenoreceptors genotype and ephedrine requirement during spinal anesthesia for Cesarean delivery in Jordanian parturient. Ann Saudi Med. 2016 Jan-Feb;36(1):29-36.

4- Fida M. Thekrallah , Maysa M. KHadra, **Mahmoud M. Al-Mustafa**, Fawaz A. Alkazaleh, Shaqi S. Saleh, Asma S. Basha and Ayman Qataweh. Maternal and Neonatal Outcome of Multiple Caesarean Sections at Jordan University Hospital in the Fifth Caesarean Section and Higher . KASMER, Jan 2017.

5- **Mahmoud M. Al-Mustafa**, Sami A. Abu-halaweh, AbdelKarim S. Aloweidi, Mujalli M. Murshidi, Bassam A. Ammari, Ziad M. Awwad, Ghazi M. Al-Edwan, Micheal A. Ramsay. Effect of dexmedetomidine added to spinal bupivacaine for urological procedures. Saudi Medical Journal 2009; Vol. 30 (3): 365-370

6- **Mahmoud M Al-Mustafa**, Izdiad Z Badran , Hamdi M Abu-Ali, Bassam A Al-Barazangi, Isalm M Massad, and Subhi M. Al-Ghanem. INTRAVENOUSE DEXMEDETOMIDINE PROLONGS BUPIVACAINE SPINAL ANALGESIA. Middle East J Anesthesiol. 20(2): 225-231, 2009

7- **Mahmoud M Al-mustafa**, Islam massad, Moaath Alsmady, Abdullah Al-qudah, and Subhi Alghanem. Local anesthesia onset of action is altered by the bicarbonate blood level, in a vertical infraclavicular brachial plexus block in patients with end-stage renal failure. Accepted for publication, March 2009 (Saudi Journal of Kidney Diseases and Transplantation)

8- Subhi M. Al-Ghanem, Islam M. Massad, **Mahmoud M. Al-Mustafa**, Khaled R. Al-Zaben, Ibrahim Y. Qudaisat, Ayman M. Qatawneh and Hamdi M. Abu- Ali. Effect of adding dexmedetomidine versus Fentanyl to intrathecal bupivacaine on spinal block characteristics in gynecological procedures: a double blind controlled study. American J. of Applied Sciences 6(5): 769-774, 2009.

9- Effect of sevoflurane on postoperative liver functions in morbidly obese as compared with the non-obese patients. Subhi Al-ghanem, Islam Massad, , Bassam A Al-Barazangi, **Mahmoud Al-mustafa**, Fayez Daoud and Hamdi M Abu-Ali. Middle East J Anesthesiol. 20(2): 207-211, 2009

10-Al-Zaben KR, Qudaisat IY, Al-Ghanem SM, Massad IM, **Al-Mustafa MM**, Al-Oweidi AS, Abu-Halaweh SA, Abu-Ali HM, Saleem MM. Intraoperative administration of dexmedetomidine reduces the analgesic requirements for children undergoing hypospadias surgery. Eur J Anaesthesiol. 2009 Nov 30

11-Massad IM, Mohsen WA, Basha AS, Al-Zaben KR, **Al-Mustafa MM**, Alghanem SM. A balanced anesthesia with dexmedetomidine decreases postoperative nausea and vomiting after laparoscopic surgery. Saudi Med J. 2009 Dec;30(12):1537-41.

12- Al Oweidi AS, Klasen J, **Al-Mustafa MM**, Abu-Halaweh SA, Al-Zaben KR, Massad IM, Qudaisat IY. The impact of long-lasting preemptive epidural analgesia before total hip replacement on the hormonal stress response. A prospective, randomized, double-blind study. Middle East J Anesthesiol. 2010 Jun;20(5):679-84.

13-**Al-Mustafa MM**, Massad IM, Al-Ghanem SM, Badran IZ. Horner's syndrome after lumbar epidural analgesia during labor. Middle East J Anesthesiol. 2010 Jun;20(5):727-9.

14- Bareqa I Salah, , Subhi M Alghanem, Jamal K Almasad, Mohammad YN Saleh and **Mahmoud Al-mustafa**. Risk Factors for Hematoma development post reduction mammoplasty: Novel Associations and Implications. Accepted in Jordan Medical Journal 2010.

15- Bareqa I Salah, , Subhi M Alghanem, Jamal K Almasad, Mohammad YN Saleh and **Mahmoud Al-mustafa**. Histologic profiles of reduction mammoplasty specimens among Jordanian females. Accepted in Jordan Medical Journal 2010.

- 16- Al Oweidi AS, **Al-Mustafa MM et al.** Intravenous Dexmedetomidine or Propofol adjuvant to spinal anesthesia in total knee replacement surgery. Accepted in Jordan Medical Journal 2010
- 17- A Survey of Complex Regional Pain Syndrome_in Jordanian Patients. Abdelkarim S Al Oweidi, **Mahmoud M Al-mustafa**, Shaher T El-Hadidi, Khaled R Alzaben, Sami A Abu-Halaweh, Jihad M Al-Ajlouni, Mahmoud Ababneh, Yousef Sarhan, Ziad M Hawamdeh and Akram O Shannak. European Journal of Scientific Research. 40(1) 125 - 131.
- 18- Abdelkarim S Aloweidi, Walid S. Manni, Khalid R. Al Zaben, Sami A. Abu-Halaweh, Mahmoud M. Al-mustafa, Abdulrahman Al-Shudifat and Ilham B. Abu Khader. Thrombophylaxis in Neurosurgical Patients at Jordan University Hospital: A Prospective Comparative Study. J Med J 2011: Vol.45(1): 95-101.
- 19- Abu-Halaweh SA, Aloweidi AK, Qudaisat IY, Al-Hussami MO, Atyat BS, **Al-Mustafa M**, Abu-Halaweh NS. Comparison of three methods of preventing rocuronium induced pain on injection using venous occlusion technique: a randomized prospective double blind controlled study. Middle East J Anesthesiol. 2013 Feb;22(1):87-92.
- 20- Qatawneh A, Thekrallah F, Bata M, Al-Kazaleh F, **Almustafa M**, Abu-Kader I. Risk factors of surgical failure following sacrospinous colpopexy for the treatment of uterovaginal prolapse. Arch Gynecol Obstet. 2013 Jun;287(6):1159-65.
- 21- Ayman Qatawneh, Fawaz Al-Kazaleh, Shawqi Saleh, Fida Thekrallah, Majed Bata, Issa Sumreen and **Mahmoud Al-Mustafa**. Transvaginal cystocele repair using tension-free polypropylene mesh at the time of sacrospinous colpopexy for advanced uterovaginal prolapse: a prospective randomised study. . Gynecological Surgery. February 2013, Volume 10, Issue 1, pp 79-85
- 22- Fida Thekrallah, Ayman Qatawneh, Asma Basha, **Mahmoud Al-Mustafa**, Shawqi Saleh, Majed Bata, Fawaz Al-Kazaleh, Bayan Badran. Perceptions and Expectations among Pregnant Women Receiving Second-Trimester Ultrasound Scans at Jordan University Hospital. Jordan medical journal Vol 47, No1(2013).
- 23- Islam M. Massad, Tareq M. Mahafza, Sami A. Abu-Halaweh, Bashir A. Attyat, Subhi M. al-ghanem, **Mahmoud M. Almustafa**, Abdelkarim S. Al-Owaidi. Post operative pain is under treated: Results from a local survey at Jordan University Hospital . Eastern Mediterranean Health Journal EMHJ • Vol.19 No.5 • 2013
- 24- Ghazi Mohammad Al Edwan, **Mahmoud Mustafa**. Laparoscopic Assisted Percutaneous Nephrolithotomy for Renal Pelvis Stone in a Crossed Fused ectopic Kidney: A Case Report. Jordan medical journal [Vol 47, No 2 \(2013\)](#)

25- Hashem Al- Momani, Ayman Mismar, Raed Al-Taher, Tareq Mahafzah, Khaled Al-Zaben and **Mahmoud Mustafa**. Recurrent Thyroid Abscess Secondary to Pyriform Sinus Fistula: An Underlying Pathology for an Uncommon Disease. SciTechnol, **J Otol Rhinol** 3:6

26- Al-Zaben KR, Qudaisat IY, Abu-Halaweh SA, Al-Ghanem SM, **Al-Mustafa MM**, Alja'bari AN, Al-Momani HM. Comparison of caudal bupivacaine alone with bupivacaine plus two doses of dexmedetomidine for postoperative analgesia in pediatric patients undergoing infra-umbilical surgery: a randomized controlled double-blinded study. Paediatr Anaesth. 2015 Sep;25(9):883-90.

27- **Mahmoud Al-mustafa**, Firas Obeidat, et al. Role of peroperative dexamethasone nebulization in reducing bougie complications encountered after sleeve gastrectomy: a prospective double blind control interventional study. Obesity Surgery, Accepted for publication.

28- Subhi M Alghanem, Islam M Massad, **Mahmoud M Almustafa**, Luma H Al-Shwiat, Mohammad K El-Masri, Omar Q Samarah, Osama A Khalil, Muayyad Ahmad. Relationship between intra-operative hypotension and post-operative complications in traumatic hip surgery. Indian journal of anaesthesia. Accepted for publication.

Postgraduate work

-July 1999- June 2003- Residency program in anesthesia and intensive care - Jordan university hospital-Amman, Jordan.

-July 2003- Dec 2004- Specialist in anesthesia and intensive care - Jordan university hospital-Amman, Jordan.

-Jan 2005- Jan 2007- Fellowship in anesthesia and intensive care -Justus Liebig University-Giessen University hospital – Germany.

-Jan 2007 - Now : Consultant anesthesiologist in Jordan university hospital-Amman, Jordan. Associate Professor In department of Anesthesia /Faculty of medicine / The University of Jordan.

- **Locum consultant anesthesiologist, Department of anesthesia, King Faisal Specialist Hospital and Research Center (KFSH&RC) , Riyadh, Saudi Arabia during the following dates:**

1 - **1/8/2008 - 27/8/2008**

2- **12/2/2010 - 24/3/2010**

3- **12/3/2011 - 30/3/2011**

4- **2/11/2012 - 28/11/2012**

5- **15/3/2013 - 17/4/2013**

6- **27/7/2019 - 22/8/2019**

-Locum consultant anesthesiologist, Department of anesthesia, KING ABDUL AZIZ MEDICAL CITY (King Fahad National Guard Hospital) Riyadh, Saudi Arabia. 4/7/2009-15/8/2009-

-Visiting physician to Emory University school-Department of anesthesia and ICU (8th march- 19th march 2009).

Teaching

- Co- Director of medical students in anesthesia department at Alfaisal University. Riyadh / KSA

- Examiner of Anesthesia Residents at Saudi commission for Health Specialist 2016 and 2018.

-Teaching undergraduate medical and dental students in anesthesia and intensive care at The University of Jordan

- Examiner final year medical student in surgery

- Examiner Of the postgraduate resident in department of Emergency Medicine

-Teaching and training postgraduate residents in anesthesia and intensive care

- Faculty staff at the Faculty of Medicine (Associate professor), Jordan University.

- Faculty staff at the Faculty of Medicine (Adjunct Associate Professor), Alfaisal University, Riyadh/ KSA 2016-2018.

- Postgraduate teaching program director in department of Anesthesia and Intensive care
– The University of Jordan (2008-2011)

-Examiner for the 5th year medical student, Mu'tah University -Jordan, in Emergency and Intensive care (2007 and 2008)

-Lecturer in Mu'tah University-Faculty of medicine for 5th year medical student (2008)

Training, Work Experience and employment:

I started my training in anesthesia in the oldest teaching hospital in Jordan (**Jordan University Hospital**), with a residency scheduled program that extended for four years (1999-2003). After I got the Jordan Board in anesthesia 2003, I worked as specialist in

Jordan university hospital (1/10/2003 – 31/12/2004) and during this time I got the Arab Board in anesthesia and intensive care.

I had scholarship in anesthesia and intensive care from **University of Jordan** which started in **Giessen university hospital** in Germany. During my training in Germany I was exposed to all fields of anesthesia and mainly the regional anesthesia. In August 2006 while I was in Germany I got the German board in Anesthesia and after that I worked as **specialist** in Giessen University hospital. I back to my Hospital (Jordan University hospital) in 1/1/2007 and work as **a consultant** in anesthesia till today. In 2007 I finished the final exam in anesthesia and intensive care and I got the European Diploma in anesthesia and intensive care. During my training I had a lot of skills that qualified me to work as consultant in anesthesia, of these skills:

- Insertion of different sizes of canulas for adult, pediatric and neonates.
- Insertion of central lines and arterial lines catheters.
- Peripheral nerves blocks as Interscaline , Infraclavicular , Axillary , Femoral, and Sciatic blocks, using the nerve stimulator or using the Ultrasound machine for single shot or catheter tichniqe.
- Using the fibroptice device for difficult intubation cases and bronchoscopy procedures.
- Double lumen tube intubation and one lung ventilation.
- Epidural, Spinal and combined spinal epidural anesthesia.
- Trans Esophageal Echo in cardiac surgeries and in Intensive care.
- others...

Congresses and courses

1- Attendant the first international multidisciplinary cancer care. Anesthesiology, perioperative care and pain management. With intense participation of MD Anderson cancer center. Amman 12th – 14th September 2019

2- Speaker : 4th Annual Jordanian Surgical Clinical congress, American College of Surgeons Jordan Chapter , 12th- 13th September 2019.

3- Speaker : The 12th National and 6th international congress of Jordanian Society of Anesthesia , Intensive Care and Pain management November 2018.

- 4-Advanced cardiac life support provider course (ACLS)** conducted by life support training center (KFSH&RC),Certified from American Heart Association.
- 5-Basic life support provider course (BLS)** conducted by life support training center (KFSH&RC),Certified from American Heart Association, August 2019-August 2021.
- 6- Speaker:** 8th International Difficult Airway Management Workshop in Collaboration with the Society for Airway Management(SAM) , USA. KFSHRC / Riyadh.
- 7-** Completion of Physician Medication Safety Module, May 2017, KFSHRC/ Riyadh.
- 8-** Attended the Advanced Ultrasound Guided Regional Anesthesia course. Dubai 24th and 25th September 2017.
- 9-** Attended the 3ed NYSORA International Symposium of Regional Anesthesia, Pain and perioperative Medicine, Dubai 23-25 March 2017.
- 10-** Attended The blocks for Knee surgery workshop. Dubai 22 March 2017
- 11-** Speaker at the 6th Orthopedic Basic Science Course / King Faisal Specialist Hospital , Ryiadhl KSA. 3-5 December 2016 .
- 12-**Speaker and Attendant of 11th Jordanian and 5th international conference of Jordan society of anesthesia and intensive care, 29 Sep- 1 Oct. 2016 Amman Jordan
- 13-**Attended the 2nd International symposium in Regional Anesthesia Pain and Perioperative Medicine, UAE, Abu Dhabi, March 2016
- 14-**Attended the 6th international airway workshop , KFSHRC, 5-6 March 2016, Riyadh/ KSA.
- 15-**Completion of training in Magnet Resonance Imaging Education , KFSHRC/KSA.
- 16-** Attendant of the 9th Annual Residents research day, King Faisal Hospital, KSA.
- 17-** Speaker in the Obstetric Anesthesia workshop, 7-8 November 2015.
- 18-** Attendant of 3ed pain management and neuromodulation workshop, 2-4 May 2015 Ryiadh,KSA.

19- Attendance of first patient experience awareness day , 1st of April 2015.KFSHRC, KSA

20- Attendant the 3ed pain management and neuromodulation workshop. Riyadh/KSA/KFSHRC. 2-4 May 2015 .

21-Attendant the Middle East Forum on Quality and Safety in Healthcare 2015. Qatar , Hamad medical city, 29-31 May 2015

23-Attendant the 5th international airway management workshop , KFSH&RC , 21-22 March 2015

24-Attendant the EuroAnaesthesia 2014, 31 May – 3 June 2014,Stockholm, Sweden

25-Attendant the 3ed London society of regional anesthesia workshop (Ultrasound guided regional anesthesia) 5th of July 2013, London

26-Attendant *EBPOM (Evidence Based Perioperative Medicine)* 12th World Congress - 3rd & 4th July 2013, London

27- Speaker: The 9th National and 4th international congress of Jordanian Society of Anesthesia , Intensive Care and Pain management,Amman, Jordan 25-28 September 2013.

28- Organizer of Ultrasound Guided Regional Anesthesia workshop , Amman/Jordan. September 2013

29- Attendant of management of difficult airway, Amman / Jordan September 2013.

30-Attendant The 15th World Congress of Pain Clinicians, WSPC 2012, Granada, Spain, from 27-30 June, 2012.

31-Speaker : 30th annual congress or the European Society of Of Regional Anesthesia (ESRA). Dresden / Germany. 7th-10th September 2011.

32- Attendant of the cadaveric workshop and regional anesthesia, 8th September 2011. Dresden / Germany

33-Attendant course (Problem – Based Learning from design to practice). 24th- 25th April 2011, The University of Jordan, Faculty of Medicine, Center for education development.

34-Attendant of the 4th International cadaveric workshop and regional anesthesia , 27th-28th June 2010, Innsbruck, Austria.

35-Speaker and Attendant of 7th Jordanian and 2nd international conference of Jordan society of anesthesia and intensive care, 2009 Amman Jordan.

36-Attendant of the Ultrasound guided regional anesthesia workshop: Technology and techniques 6th and 7th March 2009. Emory University School, Atlanta, GA, USA. Visiting physician to Emory university hospital in the department of anesthesia & ICU and the Emory orthopedic and spine center to learn methods of real ultrasound guided regional anesthesia technique (8th march- 19th march 2009).

37-Attendant of the 14th world congress in anesthesia and intensive care, 3/2008 Cape- Town South Africa.

38-Attendant of regional anesthesia workshop in Amman-Jordan (Royal Medical Services) 2008

39-Attendant of the European pediatric anesthesia congress (FEPA), 2007 Amsterdam- Netherlands.

40-Speaker and Attendant of 6th Jordanian and 1st international conference of Jordan society of anesthesia and intensive care, 2007 Amman Jordan.

41-Attendant of regional anesthesia workshop in Frankfurt- Germany 2006.

42-Attendant of ultrasound and regional anesthesia workshop in Bochum – Germany 2006.

43-Attendant of Fibroptic intubation course in Giessen University – Germany, 2005

44-Attendant of 5th international conference of Jordan society of anesthesia and intensive care, 2005 Amman Jordan.

45-Attendant of 4th international conference of Jordan society of anesthesia and intensive care, 2003 Amman Jordan.

46- Attendant of 3ed international conference of Jordan society of anesthesia and intensive care, 2001, Amman Jordan.

47- Completion of certificate (Good Clinical Practice practice), The university of Jordan October 2018.

48- Completion of Certificate NIH web based training course (Protecting Humen Research Participants).No. 2046632.

Societies and Committees

- Member of Jordan society of anesthesia and intensive care (**JSAIC**)
- Member of Saudi Commission for Health Specialization.
- Member of European Society of Regional Anesthesia (**ESRA**)
- Member of European Society of Anesthesia (**ESA**)
- Member of German Society of Anesthesiology and Intensive Care Medicine (Deutsche Gesellschaft für Anästhesiologie und Intensivmedizin, (**DGAI**).
- Member of the scientific committee of the Jordan society of anesthesia and intensive care
- Member of the Pain committee of the Jordan society of anesthesia and intensive care.
- Member of IRB committee at Jordan University hospital
- Member Mortality morbidity committee at Jordan University Hospital
- Member of Teaching committee at King Faisal hospital and research center
- Member of residents committee at King Faisal hospital and research center
- Member of Mortality Morbidity committee at King Faisal hospital and research center

References

Prof. Dr. Dr. h.c. Gunter Hempelmann , Previous Head of Anesthesia and intensive care and pain management department, Giessen University hospital.
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