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Nationality: **Canadian/Palestinian**

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ABDULKARIM S. ALMAKADMA, MD, ABP, DCH, MHPE.

OBJECTIVE To bring world **standard** quality measures to the health sector as well as medical **education** and to aid **global humanitarian** health and non-health causes

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- SKILLS & ABILITIES**
- **Administrative positions (clinical and management)** - meticulous revision of the **latest, up to date**, guidelines is done in a state of the art fashion to achieve **quality policy** implementation at the level of communities, and institutions, as well as bring decisions makers up to speed (such as those in the ministry of health offices. These qualities are evident with the increment of **efficiency** and **productivity** in the latest departmental positions, renewed guidelines and new **accreditations** that the institutions received under Dr AlMakdma's **leadership**
 - **Educator**, and **clinical** supervisor, with long experiences in the fields of medicine, medical education, **curricular** standards, **quality** implementation and supervision, research, and institutional leadership

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- CURRENT POSITIONS**
- **CHAIRMAN OF PEDIATRICS, KING FAHAD MEDICAL CITY (KFMC)**
[September 2012 - now]
 - **Chairman**, Pediatrics and Adolescent Medicine Department Consultant, Adolescent Medicine & General Pediatrics Director of the Core Clinical Teaching Unit (CCTU)
 - **ASSISTANT PROFESSOR, ALFAISAL UNIVERSITY, COLLEGE OF MEDICINE**
[2014 - now]

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- EXPERIENCE**
- **MEMBER CONSULTANT, MINISTRY OF HEALTH, SAUDI ARABIA**
[February 2013 - May 2013]
Member consultant on the School Health Services board, Ministry of Health
 - **CHAIRMAN OF THE CHILDREN HOSITAL ACCREDITATION TEAM, KING FAHAD MEDICAL CITY (KFMC)**
[October 2009 - August 2012]
Accredited by the Joint Commission International Accreditation (**JCIA**) and The Central Board of Accreditation for Healthcare Institutions (**CBAHI**) -

the official body authorized to **grant quality certification** for all government and private healthcare institutions operating in Saudi Arabia

- **HEAD OF ADOLESCENT MEDICINE DIVISION, KING FAHAD MEDICAL CITY (KFMC)**
[January 2009 – August 2012]
Consultant Adolescent Medicine & General Pediatrics
- **HEAD OF GENERAL PEDIATRICS & ADOLESCENT MEDICINE DIVISIONS, KFMC**
[August 2007 – January 2009]
Consultant Adolescent Medicine & General Pediatrics
- **ADOLESCENT MEDICINE AND GENERAL PEDIATRICS AT IWK HEALTH CENTER, DALHOUSIE UNIVERSITY – FACULTY OF MEDICINE), CANADA**
[October 2006 – July 2007]
- **HEAD OF OUT PATIENT DEPARTMENT, HEAD OF GENERAL PEDIATRICS DEVISION, CHILDREN'S HOSPITAL, KFMC**
[November 2004 – October 2006]
- **ASSISTANT CONSULTANT PEDIATRIC NEPHROLOGIST, KING FAISAL SPECIALIST HOSPITAL & RESEARCH CENTER (KFSH&RC)**
[February 1999 – December 2002]
- **MEDICAL DIRECTOR OF KING FAHAD SUBURB PRIMARY HEALTH CARE CENTER**
[January 1987 – march 1989]
Under the umbrella of ministry of health, Riyadh, Saudi Arabia
- **FAMILY MEDICINE PHYSICIAN**
[August 1984 – January 1987]
Ministry of Health, Riyadh, Saudi Arabia

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- QUALIFICATIONS**
- **IWK HEALTH CENTER, DALHOUSIE UNIVERSITY – HALIFAX, CANADA**
[July 2007] Certificate of training in **adolescent medicine**
 - **ICS – CANADA**
[June 2007] Diploma of **child psychology**
 - **MAASTRICHT UNIVERSITY – NETHERLAND**
[March 2007] **Masters of health professions education with honor**
Diploma of child psychology
 - **DEFINED LISCENCE FROM THE ROYAL COLLEGE OF NOVA SCOTIA, CANADA**
[October 2006]
 - **CERTIFICATE OF THE ARAB BOARD OF PEDIATRICS**
[March 1996]

- **SAUDI COUNCIL OF HEALTH SPECIALTIES – SAUDI ARABIA**
[September 1995] obtained the **highest qualification (Saudi Board)** in Pediatrics
- **JORDIAN BOARD – AMMAN, JORDAN**
[August 1995] received the Jordanian **board** of pediatrics certificate
- **SECURITY FORCES HOSPITAL (SFH) – RIYADH, SAUDI ARABIA**
[1991 - 1995] completed the SFH pediatric **residency** program
- **ROYAL COLLEGE OF PHYSICIANS AND SURGEONS – DUBLIN, IRELAND**
[September 1991] received the DCH: the **Irish diploma of child health**

**ROLE IN
EDUCATION**

- **ASSISTANT PROFESSOR, KING FAHAD MEDICAL CITY, FACULTY OF MEDICINE**
[2004 – 2014] A member of the teaching faculty, Faculty of Medicine, KFMC
- **ASSISTANT PROFESSOR OF CLINICAL PEDIATRICS, KING SAUD UNIVERSITY**
[January 2006 – January 2010]
- **THE ARAB BOARD OF PEDIATRICS - FINAL EXAMINATIONS**
Accredited examiner. Furthermore, organized numerous post-graduate and pre-examination pediatric courses
- **HEAD – CMD TASK FORCE, KFMC**
[July 2005 - 2006]
- **CONTINUOUS MEDICAL EDUCATION (CME) REPRESENTATIVE, CHILDREN’S HOSPITAL, KFMC**
[2004-2006]
- **SAUDI CENTER FOR HEALTH TRAINING (SCHT) – DIPLOMATIC QUARTER, RIYADH, SAUDI ARABIA**
[August 2001 - present] as a **lecturer**

FURTHERMORE:

- Organized and orchestrated **teaching sessions**, **MCQ seminars**, **bedside clinical teaching**, and training **workshops**, for medical **students**, pediatric **residents/ fellows/** nephrology fellows in Security Forces Hospital (SFH), King Faisal Specialist Hospital and Research Center (**KFSH&RC**) and King Fahad Medical City (**KFMC**) over the years.
- **Examiner** in **resident promotion examinations** between 2003 and 2013 in multiple hospitals
- Multiple guest lectures and conference participations, as well as conference organization, such as the “young people’s health conference”, 2013.
- Finally, Dr AlMakadma, is well known for his published books in pediatrics board examination reviews amongst pediatric residents: *Just Before M.C.Q’s & Clinical examinations -1998*

- RESEARCH**
- A Typical presentations of propionic acidemia **AbdulKarim S. Al-Makadma**, Ali M. Al-Asmari, **Health Journal** 27 July 2012 vol., 4 No. 9 629-633(2012)
 - HI ADOLESCENTS": Revised psychosocial interview areas for adolescents **Abdulkarim S. Al-Makadma**, Bara AlMakadma, DOI: 10.4236/ojped.2012.24049
 - The Perception of Adolescent Medicine Among Health Care Professionals in Saudi Arabia **Abdulkarim S. Al-Makadma**, Mohamad Al Tannir, Journal of Adolescent Health, 2010. 47 (6), 608-609
 - Case Report: Infantile Systemic Hyalinosis; A Rare Cause of Infantile Intractable Diarrhea .Luluah Al-Mubarak , **Abdulkarim Al-Makadma**, Sultan Al-Khenaizan. Eur J Pediatrics 2008; DOI 10.1007/s00431-008-0760-8
 - Safety of Percutaneous Renal Biopsy as an Out-Patient Procedure in Pediatric Patients **Abdulkarim S. Al-Makadma**, Samhar I. Al-Akash, Ann Saudi Med 2006
 - Mycophenolate Mofetil in Children with Steroid-Dependent and/or Frequently Relapsing Nephrotic Syndrome.Samhar I. Al-Akash, **Abdulkarim S. Al-Makadma**. Ann Saudi Med 2005 ;25(5): 380-384
 - An Unusual Case of Pyelonephritis in a Pediatric Renal Transplant Patient: A Case Report **Abdulkarim S. Al-Makadma** and S I Al-Akash. Pediatr Transplantation 2005;9: 258-260.DOI:10.1111/j.1399-3046.2004.00276.x
 - Rapid Response to Rituximab in a Pediatric Liver Transplant Recipient With Post-transplant Lymphoproliferative Disease and Maintenance With Sirolimus Monotherapy .S I Al-Akash, **Abdulkarim S. Al Makadma**, M G Al Omari, Pediatric Transplantation 2005; 9:249-253. DOI:10.1111/j1399-3046.2005.00253.x
 - Congenital Sodium Diarrhea in a Neonate Presenting as Acute Renal Failure **Abdulkarim S. Al Makadma**, Samhar I Al-Akash, Ibtissam Al Dalaan, Muath Al Turaiki, Soheil Shabib. Pediatr Nephrol (2004)19:905-607– DOI 10.1007/s00467-004-1523-z, published online first June 4, 2004)
 - Efficacy of Rapamycin as a Rescue Agent in Pediatric Renal Transplant Recipients Samhar I. Al-Akash, **Abdulkarim S. Al-Makadma**. JASN 2003, 14(11): 647A
 - Case Report: Two Sisters with Familial Hypomagnesemia – Hypercalciurea **Abdulkarim S. Al-Makadma**. Curr Paediatric Res 2000; 4(1); 23-28
 - Effect of High Environmental Temperature on the Management of Febrile Infants Less than 3 Months. 01 July 2010 Availablefrom: <http://www.pediatriconcall.com/fordocitors/casereports>
 - Management of Febrile Infants Below Three Months of Age at Security Forces Hospital **Abdulkarim S. Al-Makadma**, A.M. Abumelha, M.A. Abdullah. Curr Pediatric Res 1998; 2 (2):17-21
 - Familial Hypomagnesemia-Hypercalciuria with Nephrocalcinosis – Severe Myopia and Horse Shoe Kidney can be Associations. Pediatric Oncall. [Serial

online] 2009 [Cited 2009, September 1]; Vol6, Art # 48. Available from:
<http://www.pediatriconcall.com/fordocor/casereports/hypomagnesemia.asp>

WORK IN PROGRESS:

- *Principal Investigator*- Study Title: **A Phase 3, Open-Label, Randomized, Parallel-Group, Multi-Center Study to Evaluate the Safety of Novartis Men ACWY Conjugate Vaccine when Administered with Routine Infant Vaccinations to Healthy Infants, Study Number: V59P23**
- *Principal Investigator* – **Adolescents In Saudi Arabia; Their health and Free time**
- *Principal investigator* – **Impact of Vitamin D3 deficiency on bronchial asthma and myocardial function; A prospective study**
- *Principal Investigator* - **Urine Analysis Abnormalities among School-Age Children in Saudi Arabia - A Community-Based Screening Study**

PRESENTATIONS

- Efficacy of Rapamycin as a Rescue Agent in Pediatric Renal Transplant Recipients. Poster Presentation – The American Society of Nephrology Annual Meeting (Renal week) – San Diego, California. *November 17, 2003*. Samhar I Al-Akash, **Abdulkarim S. Al Makadma**.
- Mycophenolate Mofetil is Effective in Steroid-Dependent or Frequently Relapsing Nephrotic Children. Poster Presentation - The 13th Congress of The International Pediatric Nephrology Association. Adelaide, Australia. *August 29 – September 2, 2004*. Samhar I Al Akash, **Abdulkarim S. Al Makadma**.
- Sirolimus is Effective as a Rescue Agent in Pediatric Renal Transplant Recipients With Allograft Dysfunction. Poster presentation - The 13th Congress of The International Pediatric Nephrology Association. Adelaide, Australia. *August 29 – September 2, 2004*. Samhar I Al Akash, **Abdulkarim S. Al Makadma**.
- Rapid Response to Rituximab in a Pediatric Liver Transplant Recipient With Posttransplant Lymphoproliferative Disease and Maintenance With Sirolimus Monotherapy. Oral & Poster Presentation. The 13th Congress of The International Pediatric Nephrology Association. Adelaide, Australia. *August 29 – September 2, 2004*. Samhar I Al Akash, **Abdulkarim S. Al Makadma**.
- An Unusual Case of Acute Renal Failure in a Pre-term Infant. Oral presentation - The 5th Annual Neonatology Meeting, KFSH&RC. Riyadh – Kingdom of Saudi Arabia. *11-13 April 2005*. **Abdulkarim S. Al Makadma**, Samhar I Al-Akash.
- Sirolimus is Effective as a Rescue Agent in Pediatric Renal Transplant Recipients With Allograft Dysfunction. Oral and Poster presentation - The 3rd World Congress of The International Pediatric Transplant Association. Innsbruck, Austria, *August 6 – 9, 2005*. Samhar I Al Akash, **Abdulkarim S. Al Makadma**.
- Neonatal Presentation of Congenital Sodium Diarrhoea. Poster Presentation- The 2nd Congress of the European Academy of Pediatrics EAP.

- Nice, France, *October 24-28, 2008*. Arch Dis Child 2008 : 93 (Suppl II):A116-A118. **Abdulkarim S. Al Makadma**, Samhar I Al-Akash.
- Efficacy of Mycophenolate Mofetil in Steroid-Dependent or Frequently Relapsing Nephrotic Children Management. Poster & Oral Presentation- The 2rd Congress of the European Academy of Pediatrics EAP. Nice, France, *October 24-28, 2008*. Arch Dis Child 2008 : 93(Suppl II):A116-A118. **Abdulkarim S. Al Makadma**, Samhar I Al-Akash.
 - Would High Environmental Temperature Affect The Management of Febrile Infants Less Than Three Months?. Fourth Europediatrics 2009, Moscow. *3-6 July 2009*. **Abdulkarim S. Al Makadma**.
 - The Perception of Adolescent Health Care in Middle East, Do We Need To Invest More?? Both oral and poster presentation at the KFMC Annual Research Conference, *April 20-22* and Fourth Europediatrics 2009, Moscow *3-6 July 2009*. **Abdulkarim S. Al Makadma**
 - Atypical Presentation of Propionic Acidemia, Case Series. Poster Presentation. Thrid Congress of the European Academy of Pediatric Societies. Copenhagen, Denmark, *October 23-26, 2010*. **Abdulkarim S. Al Makadma**.
 - Acidemia without Acidosis. Presentation. KFMC Research Day. Riyadh, Saudi Arabia, *November 2010*.
 - Safety of of percutaneous renal biopsy as ou patient procedure in pediatric patients. KFMC Research Day. Riyadh, Saudi Arabia, *November 2010*. **Abdulkarim S. Al Makadma**.
 - Unusual but Curable cause for Dilated Cardiomyopathy in Children. A case report. KFMC Research Day. Riyadh, Saudi Arabia, *November 2011*. **Abdulkarim S. Al Makadma**.
 - Unusual Extra-intestinal Manifestation of the rotavirus Infection. A case report. KFMC Research Day. Riyadh, Saudi Arabia, *November 2011*. **Abdulkarim S. Al Makadma**.
 - Successful Treatment of Hypersplenism 2ry to Visceral Leishmaniasis by Partial Splenic Embolization. A case report. KFMC Research Day. Riyadh, Saudi Arabia, *November 2011*. **Abdulkarim S. Al Makadma**.
 - The Role of Spirituality-Religiosity in Eating Disorders Management, The Eating Disorder International Conference (EDIC), Institute of Education, London, UK. *March 15-17 March 2012*
 - Unusual Extra-intestinal Manifestation of the rotavirus Infection. A case report. ESPID 2012. Thessaloniki, Greece, *May 2012*. **Abdulkarim S. Al Makadma**, Kamel Alenezi
 - Successful Treatment of Hypersplenism 2ry to Visceral Leishmaniasis by Partial Splenic Embolization. A case report. ESPID 2012. Thessaloniki, Greece, *May 2012*. **Abdulkarim S. Al Makadma**, May Albarrak
 - **Saudi Adolescents Free Time”**
 - International Symposium” Young People health: the prospect in GCC”. *19-21 March 2013* Riyadh, Saudi Arabia
 - **“The Health Care Transition In Saudi Arabia; Children to Adults”**
 - International Symposium” Young People health: the prospect in GCC”. *19-21 March 2013* Riyadh, Saudi Arabia
 - **“Adolescent Medicine *between Today's needs & Tomorrow's challenges.*”**

- International Symposium” Young People health: the prospect in GCC”.19-21 March 2013 Riyadh, Saudi Arabia
- **“Why do we need Adolescent Medicine Services?”**
- Pediatric update; International conference. Riyadh Military Hospital. Saudi Arabia. March 2012
- **“Metabolic acidosis is a feature of Rotaviral infection” Poster presentation;** The 6th Asian Congress of Pediatric Infectious Diseases (ACPID 2012). 28 November-1December 2012, Colombo Sri Lanka
- **“Superior vena Cava thrombosis as a presentation of Brucellosis”, poster presentation.** Asian Congress of Pediatric Infectious Diseases (ACPID 2012). 28 November-1 December 2012, Colombo Sri Lanka
- **“Towards better understanding of eating disorders,” a keynote lecture**
- The first international symposium, Developmental and behavioral pediatrics. October 16-17 2012. KFMC, Riyadh Saudi Arabia

- BOOKS**
- **Al Habeeb Medical Series – *Editor In-Chief***
 - Pediatrics: **“Just Before M.C.Q’s & Clinical examinations -1998” - *Author***
 - Pediatrics: **“Diagnostic Pictures & Procedures - 1999” - *Author***
 - **“CPR & FIRST AID MANAGEMENT” - 2001 (ARABIC) - *Author***
 - **“HEALTHY CHILD” (Question & Answer) - 2001 (ARABIC) – *Author***
 - **Saudi School Health Services Guidelines; A comprehensive manual-*In Press***
 - **Strategy for the Saudi School Health Services – *In Press***
 - **Memoir Novel; Holy Hearts – *In progress***

- LEADERSHIP**
- **HEAD OF THE HUMANITARIAN AID HEALTH COMMISSION TO SUMALIA**
[October-November 2011]

CLINICAL AND ACCREDITATION LEADERSHIP POSITIONS – SUMMARY:

- [2009- now] **Chairman** of pediatrics and adolescent medicine, KFMC. Previously holding the position of head adolescent sections.
- [May 2011- January 2013] **Chairman** of the hospital **national and international accreditation** team. Was also in charge of the hospital website development team.
- [Since October 2012] Lead and continues to lead the **child friendly hospital** initiative
- [January 2010- September 2012] **Co-chairman** of the **“Regulatory Documents & Policy and Procedures Implementation Committee”** in the Children’s hospital, KFMC

- PROFESSIONAL MEMBERSHIPS**
- Member of Doctors of Nova Scotia-Canada "defined license" No:014292
 - Member of Canadian Medical Association ID No. 140770
 - Member of the Saudi Pediatric Association, **1995** – Present
 - Member of The Arab Medical Association, **1983** - Present
 - Registered Member with the Saudi Council for Health Specialties, **1996** – Present
 - Member of the Saudi Society of Adolescent Health & Medicine **2013**-present
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- PRIZES AND AWARDS**
- Society of Adolescent Health & Medicine (**SAHM's**) **International Chapter Recognition Award** for **2014**. Dr AlMakadma is the **first individual** to receive this award outside of the United States of America
The International Chapter Recognition **Award** was established in **1997** with the first award given in **1998**. The intent of the award is for SAHM's Regional Chapters to recognize individuals that work tirelessly, diligently and creatively to improve the health and well-being of adolescents and young adults.
 - Listed in the international **Who's Who** for professional figures **2010**
 - Listed in the Asian **Who's Who** for professional figures **2012**
 - **Best Research Paper** among the Research Projects in King Fahad Medical City, **2010**
 - Passed Pediatrics with **Distinction** in the Final **MB.BCH**
 - Tanta University (Egypt) Award of Academic Achievement for the **Best Medical Students**, **1982**
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REMARKS/ INTERESTS/ HOBBIES First Adolescent Medicine physician in the gulf. **Established first adolescent health service**, King Fahad Medical City, in **October 2007**. Promoted and continued to campaign regarding the awareness about the specialty of adolescent medicine amongst public and professionals.

Active Researcher, awarded several **grants** to pursue his projects. His research interests include the different aspects of adolescent health, pediatrics in general and medical ethics.

He takes Reading, Racquet ball, Basketball, Travelling, Writing and Music as hobbies.

Very interested in the **humanitarian** work where he participated in the **relief work of refugees** like in: Somalia, Jordan, Syria and Palestine

REFERENCES REFERENCES AVAILABLE UPON REQUEST