

Curriculum vitae

Personal Information	
Name	Associate Professor Ahmed Mahmoud Zaki
Surname	El-Malky
Date of birth	28 th August 1983
Nationality	Egyptian
Office address	King Saud University, Riyadh, KSA King Khalid University Hospital Po Box 7805 Riyadh 11472 code 94 Tel 4670011 Fax 4672439, ext. 9-2737 Fac.ksu.edu.sa/aelmalky/home
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Profile	<p>Dr. Ahmed M. El-Malky is a public health professional with a wealth of experience in patient safety, epidemiology, biostatistics, environmental health, and international health policies. His extensive background in academia and research is complemented by his strategic leadership roles within King Saud University Medical City. With fluency in English, French, and conversational German, he has successfully led diverse teams across multiple institutions, enhancing healthcare quality and fostering collaborations with government and international organizations.</p> <p>As CEO and Co-director of the Foundation of Research Experts and Statistical Consultations Association, Dr. El-Malky has demonstrated his strategic leadership capabilities by overseeing high-impact projects and driving academic excellence. His membership in international methodology review teams, including WHO national clinical practice guidelines (CPGs) in Afghanistan, showcases his ability to influence healthcare policies at a global level.</p>
Education and Qualifications accomplished	
Aug 2016	<p>Ph.D. (Doctor of Philosophy Degree) in Educational Management Ph.D.EM American University in Cairo (AUC), Cairo, Egypt <u>Concentration:</u> focuses on developing leadership and administrative skills for managing educational institutions and shaping policies. The program covers areas such as leadership, policy analysis, curriculum planning, financial oversight, and human resource management, preparing graduates to address challenges in the education sector. <u>Course work:</u> Coursework includes research methods, organizational management, and educational policy, with a focus on practical applications and strategic planning. Graduates are equipped for leadership roles in education administration, policymaking, and institutional development, contributing to improved educational outcomes and efficient management. (4 years on campus, studied in English language)</p>
Oct 2012	<p>M.Sc. (Master of Science Degree) in Public Health (MPH) Kasr Alaini School of Medicine and Surgery, Cairo University, Cairo, Egypt <u>Concentration:</u> patient safety, healthcare management and clinical disease epidemiology <u>Course work:</u> epidemiology, child, adolescent and maternal health, school and occupational health, geriatric medicine, environmental sanitation, human nutrition and statistics (4 years on campus , studied in English language) <u>Honors:</u> Grade Very Good, GPA 4.00 <u>Thesis:</u> Assessment of Blood Sampling Errors in Chronic Liver Disease Patients in Theodor Bilharz Research Institute. Published on Research Gate https://www.researchgate.net/publication/332342960</p>
March 2012	<p>American Board in Healthcare Quality (CPHQ), National Agency of Healthcare Quality (NAHQ), Washington D.C., United States of America (USA) Accredited by the National Commission for Certifying Agencies a Division of the National Organization for Competency Assurance (internet based MCQs test)</p>



April 2010	Post Graduate Diploma in Healthcare Quality, Cambridge Training College, United Kingdom (on line modules)
Dec 2009	Professional Post Graduate Diploma in Total Quality Management for Healthcare reform, American University in Cairo (AUC), Cairo, Egypt (1 year on campus, studied in English language)
Nov 2006	Bachelor Degree (MBBCH) in Medicine and Surgery (Medicinae Baccalaureus, Baccalaureus Chirurgiae) Kasr Alaini School of Medicine, Cairo University, Cairo, Egypt Grade Excellent with Honors (6 years on campus, studied in English language)

Experience and Post graduate Appointments and posts assigned

March 2007-March 08	Intern in Cairo University Hospitals , Cairo, Egypt
June 2008- March 11	Resident and instructor Public Health and Clinical Research Department (full time) Theodor Bilharz Research Institute (TBRI) Regional Location of World Health Organization Scientific Research Academy Ministry of Higher Education and Scientific Research Cairo- Egypt
Dec 2010- March 2011	Lecturer Clinical Disease Epidemiology, Public Health and Clinical Research Department, Kasr Alaini School of Medicine, Cairo University, Cairo, Egypt
April 2011- May 15	Lecturer Clinical Disease Epidemiology, Public Health and Clinical Research Department, King Saud University Medical City, King Khalid University Hospital Riyadh, Kingdom of Saudi Arabia
June 2015-April 18	Assistant Professor Clinical Disease Epidemiology, Public Health and Clinical Research Department, King Saud University Medical City, King Khalid University Hospital Riyadh, Kingdom of Saudi Arabia
May 2018-Current Post	Associate Professor Clinical Disease Epidemiology, Public Health and Clinical Research Department, King Saud University Medical City, King Khalid University Hospital Riyadh, Kingdom of Saudi Arabia

Honorary Positions

- 1- Advisor for Research Affairs to the University President at King Abdelaziz University in Jeddah from 2016 to 2019.
- 2- Advisor for Educational Affairs to the Dean of the College of Medicine at King Saud University in Riyadh from 2021 to 2023.

Professional memberships and societies involved in

2010	Full member in American Society for Quality (ASQ)
2009	Full member in Egyptian Society for Quality (ESQ)

Awards and Appreciation letters

2011	Silver shield , of changing agents from the 1 st class, from QMD, KKHU, KSU.
2012	Appreciation letter from Vice Dean of Healthcare Quality of King Saud University
2013	Appreciation letter from Dean of College, Faculty of Medicine of King Saud University

Languages and Computer Skills accomplished

Arabic Mother language
English Fluent (TOEFL, score 568 in 2008)
Française Spoken and Written
Deutsch Spoken and Written

Computer skills including:

Hardware and software management, Statistical Analysis of Data, STATA, SPSS, internet browsing, Adobe, Photo shop, Biostatistics computing software; Microsoft Office products (Word, Excel, and PowerPoint); Film maker Pro; ArcGIS Epi Data, research search engines including LexisNexis and PubMedetc.

Publications and selected presentations (First Author, Principle investigator)

Research items

1- Evidence-Based Clinical Practice Guidelines for the Management of Psoriasis: Systematic Review, Critical Appraisal, and Quality Assessment with the AGREE II Instrument
 Article
 Jun 2022

2- AGREEing on Clinical Practice Guidelines for Autism Spectrum Disorders in Children: A Systematic Review and Quality Assessment
 Article
 July 2022
 Children
 Yasser Sami H. Abdel Dayem Amer Shuliweeh Alenezi Fahad Bashiri[...] Ahmed M. El-Malky

3- Evidence-Based Clinical Practice Guidelines for the Management of Psoriasis: Systematic Review, Critical Appraisal, and Quality Assessment with the AGREE II Instrument
 Literature Review
 June 2022
 Journal of Dermatological Treatment
 Mohamed Ali Babiker Mohamed Ahmed M. El-Malky Wael Ahmed Abdelwahab Abdelkarim[...] Abdulmajeed Alajlan

4- Evidence-based clinical practice guidelines for the management of perioperative hypothermia: Systematic review, critical appraisal, and quality assessment with the AGREE II instrument
 Literature Review
 Full-text available
 May 2022
 Annals of Medicine and Surgery
 Mohamed Ali Babiker Mohamed Wael Ahmed Abdelwahab Abdelkarim Mohamed Abdulmonem Salih Aabdeen[...] Rakan I. Nazer

5- Post covid-19 syndrome among recovered cohort during the convalescence: prospective study
 Article
 Full-text available
 April 2022
 Omer Quayid Kh Alanazi Ibrahim Turki[...] Ghada Metwally Elgohary

6- How to manage the IVF during COVID-19 pandemic among diabetic females: a scientific perspective
 Article
 Full-text available
 December 2020
 Clinical Diabetology
 Mahdya Bukhari Sarah Saud Sibai Ahmed M. El-Malky

7- Staggering Sugammadex for Reduction of Postoperative Complications: A Randomized Controlled Trial
 Article
 December 2020
 Zagazig University Medical Journal

Noura AhmedSamia El-WakelAhmed M. El-MalkyMohamed El-Sayed

8- COVID-19 specialized diabetes clinic model for excellence in diabetes care: scientific perspective
Article

Full-text available

August 2020Clinical Diabetology

Ahmed M. El-MalkyAbdulsalam S. AlharbiMustapha Abdulkarim[...]Mohammed A. Ashour

9- Risk of General Anesthesia in Pediatric Skin Procedures with Projection on Tumescant Anesthesia
Article

Full-text available

May 2020Dermatology Research and Practice

Abdulmajeed AlajlanBader M. AlhabeebAli M. Alhazmi[...]Ahmed M. El-Malky

10- Sugary beverages consumption and latent autoimmune diabetes in adults: systematic review and meta-analysis

Article

Full-text available

May 2020Clinical Diabetology

Ahmed M. El-MalkyRamachandra G NaikAzza A Elnouman

11- When Shall Coronavirus Disease-19 Stop? Review of Literature
Article

May 2020Open Access Macedonian Journal of Medical Sciences

Ahmed M. El-MalkyWaad AlkathiriAzza A. El Nouman

12- Risk of general anesthesia in pediatric skin procedures: A retrospective cohort study
Article

Full-text available

January 2020

BaderMoustafa AlhabeebAliMohammed Nasser AlhazmiOsamaAbdulaziz Alobaid[...]AbdulmajeedM Alajlan

13- Risk Evaluation of General Anesthesia in Pediatric Skin Surgeries: A Retrospective Cohort Study in Saudi Arabia

Article

Full-text available

November 2019

Alhabeeb BMAlharthi AANasser Alhazmi AM[...]Ahmed M. El-Malky

14- A systematic critical appraisal of evidence-based clinical practice guidelines for the management of sickle cell disease in pregnancy using the Appraisal of Guidelines for REsearch and Evaluation II (AGREE II) instrument

Preprint

File available

November 2019

Yasser Sami H. Abdel Dayem AmerYasser SabrGhada Metwally Elgohary[...]Musa F Alzahrani

15- Sugary Beverages Consumption and Latent Autoimmune Diabetes in Adults: Systematic Review and Meta-Analysis

Research

May 2019

Ahmed M. El-Malkyazza alnouman

16- Hospital acquired blood stream infection as an adverse outcome for patients admitted to hospital with other principle diagnosis

Article

Full-text available
November 2014
Ahmed M. El-Malky

- 17- Hospital acquired blood stream infection as an adverse outcome for patients admitted to hospital with other principle diagnosis

Article

Full-text available
November 2014 Saudi Journal of Anaesthesia
Hamzi Hamdan Tariq Al-Zahrani Ahmed M. El-Malky

- 18- ASSESSMENT OF BLOOD SAMPLING ERRORS IN CHRONIC LIVER DISEASE PATIENTS IN THEODOR BILHARZ RESEARCH INSTITUTE

Thesis

Full-text available
April 2013

- 19- Post covid-19 syndrome among recovered cohort during the convalescence: prospective study
Omer Quayid Kh Alanazi, Turki Ibrahim Al-khalaf, Saif Abdullah A AlQahtani, Saif Marzouq Alanazi, Ahmed M El-Malky, Munirah Mohammed Mosa, Ghada El Gohary
Background: Hospitalization is not normally necessary in all COVID patients, nor is lab tests and PCR. There is subjective evidence that patients with "slight" COVID-19 may complain of persistent symptoms weeks after the infection
Medical Science, 2022, 26, ms133e2156

- 20- Public knowledge, attitudes and practice toward bystander cardiopulmonary resuscitation in Saudi Arabia, a cross-sectional study
Sami Alamri, Meaad Khan, Mada Jarad, Ahmed Almalki, Talal Alotaibi, Alhassan Ahmed, Muath Alraddadi, Ziad Albalwi, Omniah Altemani, Sarah Alswayed
The "out-of-hospital cardiac arrest" is a term used to describe the event of heart activity cessation that occurs in a setting that is outside of a healthcare center.
Medical Science, 2021, 25(118), 3392-3399

- 21- Use of atypical antipsychotics in the treatment of patients with schizophrenia and drug addiction: A randomized control trial
Mohammed A Alotaibi, Ahmed M Elmalky
Objectives: Aim is to study of the therapeutic efficacy of atypical antipsychotics (aripiprazole and quetiapine) in comparison with haloperidol in cases of comorbidity of low-grade forms of schizophrenia and addiction
Medical Science, 2021, 25(115), 2152-2162

- 22- Independently associated variables with higher morbidity and mortality: A scientific perspective of a cohort of orthopedic patients with Covid-19
Ahmed M El-Malky, Yazeed A Albalawi, Razan K Albalawi, Abdulrahim O Albalawi, Waad A Alkaabneh, Raghad A Aljohani, Marwan S Albalawi, Shahad S Aljuhani, Wejdan M Alhujayri
Background & aims: Riyadh, Saudi Arabia latest center for the 2019 pandemic of Coronavirus (COVID-19). The ethnic populations with a higher incidence of obesity tend to be particularly impacted
Medical Science, 2021, 25(110), 930-945

- 23- Social stigma associated with COVID-19 infection in Saudi Arabia: A population based study
Ahmed M. El-Malky, Haya J. Albalawi, Talal A. Alotaibi, Abdullah I. Alamoudi, Dhari A. Aldhafeeri, Khlood A. Alshammari, Afnan A. Alshammari, Turki I. Al-khalaf, Fayeze El Shaer
Background: Saudi Arabia is one of the nations impacted by the epidemic of COVID-19. Objectives: To address psycho-behavioral problems to the pandemic of COVID-19 in the whole population of Saudi Arabia, namely: 1)

obstacles to infection control measures against COVID infections; 2) adverse responses to COVID-19; and 3) fear among the general population in Saudi Arabia

Medical Science, 2020, 24(105), 3427-3437

Training Courses assigned in OSHA (Occupational Safety and Health Academy)	
	<ul style="list-style-type: none"> • Occupational Safety and Health Trainer (Train-The-Trainer) • <u>Introduction to Safety Management</u> • <u>Introduction to OSH Training</u> • <u>Hazard Analysis and Control</u> • <u>Conducting a Job Hazard Analysis</u> • <u>Introduction to Ergonomics</u> • <u>Developing OSH Training</u> • <u>Conducting OSH Training</u>

Training courses attended	
2008	The 4 th International Infection Control Conference of TBRI
2009	The 5 th International Infection Control Conference of TBRI
2012	Recent Advances in Pulmonary Medicine Symposium Day at King Saud University, College of Medicine, Riyadh, Saudi Arabia
2012	Internal Medicine Research Day at King Saud University, College of Medicine, Riyadh, Saudi Arabia
2012	Quality and Patient Safety Symposium at King Saud University, College of Medicine, Riyadh, Saudi Arabia
2012	3 rd Annual Anesthesia Quality day at King Saud University, College of Medicine, Riyadh, Saudi Arabia
2002	Emergency First Aid, General Organization of Teaching Hospitals & Institute, Ahmed Maher Teaching Hospital
2007	ILS (Immediate life support), The European resuscitation council in conjunction with Learning Resource Center, Kasr Al Ainy Hospital, Faculty of Medicine , Cairo University. Basic Surgical Skills course, The Royal College of Surgeon of England in conjunction with Learning Resource Center, Kasr Al Ainy Hospital, Faculty of Medicine, Cairo University.
2007	Communication Skills in health care Course, Kasr Al Ainy Hospital, and Cairo University.
2009	Environmental impact assessment training course, ESQ
2011	Basic life support, CPR, King Khalid University Hospital, King Saud University, Riyadh, KSA
Other Qualifications achieved	
2008	1 st step of MRCS from Royal college of Surgeons in England

Leadership and Administrative Experience

Dr. El-Malky has held pivotal leadership positions, such as Deputy Supervisor of the Hospital Morbidity and Mortality Review Unit at King Saud University Medical City. In these roles, he has led strategic initiatives aimed at improving patient care, streamlining hospital operations, and fostering an environment of continuous improvement. His administrative acumen extends to budget management, faculty recruitment, curriculum development, and accreditation processes, ensuring compliance with international standards.

Throughout his career, he has played a crucial role in policy formulation and institutional reforms that have contributed to improved healthcare outcomes and academic excellence. His

leadership experience spans across various medical disciplines, highlighting his ability to drive interdisciplinary collaboration and innovation.

Vision and Strategic Planning

Dr. El-Malky envisions a future where medical education is revolutionized through research-driven innovation and technological advancements. His strategic initiatives aim to align institutional goals with global healthcare trends, ensuring the College of Medicine remains at the forefront of academic and clinical excellence.

By fostering an environment of innovation and interdisciplinary research, he seeks to enhance student learning experiences, faculty development, and healthcare service delivery. His strategic planning efforts have resulted in successful accreditation renewals and improved institutional rankings.

Academic Achievements and Teaching Excellence

Dr. El-Malky has a robust academic portfolio, having contributed significantly to curriculum development, mentorship programs, and student success initiatives. He has designed and implemented innovative teaching methodologies, integrating evidence-based practices and technology to enhance learning outcomes.

His mentorship of medical students and junior faculty has led to numerous successful research projects and publications. Dr. El-Malky's contributions to medical education have been recognized through teaching excellence awards and invitations to speak at international conferences.

Research Leadership

As a principal investigator and lead researcher on multiple projects, Dr. El-Malky has secured research grants and published extensively in high-impact journals. His research focuses on patient safety, healthcare quality, and epidemiology, with a particular emphasis on systematic reviews and meta-analyses.

His leadership in research extends to mentoring junior researchers, fostering international collaborations, and contributing to policy development through evidence-based findings.

Stakeholder Engagement and Collaboration

Dr. El-Malky has successfully built partnerships with governmental bodies, non-governmental organizations, and international agencies such as the WHO. His ability to navigate complex stakeholder environments and foster collaborations has led to the implementation of impactful healthcare initiatives and academic partnerships.

His involvement in policy advocacy and healthcare reform has positioned him as a key influencer in shaping the future of medical education and healthcare delivery.

Accreditation and Quality Assurance

With a deep understanding of accreditation processes, Dr. El-Malky has led multiple successful accreditation initiatives, ensuring compliance with standards such as LCME, ACGME, and WFME. He has implemented robust quality assurance frameworks and spearheaded initiatives to enhance institutional credibility and academic rigor.

His contributions have been instrumental in achieving and maintaining high institutional rankings and accreditation status.

Student and Faculty Development

Dr. El-Malky is committed to fostering an environment conducive to student success and faculty development. He has introduced various programs aimed at enhancing student well-being, academic performance, and career progression.

His initiatives include faculty training workshops, mentorship programs, and research support services, all designed to empower faculty members and enhance the overall academic environment.

Innovation and Digital Transformation

Embracing the future of medical education, Dr. El-Malky has been at the forefront of integrating digital transformation initiatives within the curriculum. He has championed the use of simulation technologies, e-learning platforms, and artificial intelligence-driven analytics to enhance teaching methodologies and student engagement.

His forward-thinking approach has positioned the institution as a leader in digital healthcare education.

Community and Outreach Initiatives

Dr. El-Malky has been actively involved in community outreach programs aimed at improving public health outcomes. His initiatives include organizing health awareness campaigns, conducting epidemiological studies, and collaborating with local health authorities to address pressing healthcare challenges.

Through these efforts, he has strengthened the relationship between the institution and the wider community, enhancing the college's reputation and social impact.

Governance and Decision-Making Skills

Dr. El-Malky's experience in institutional governance includes serving on various academic and administrative committees, where he has played a pivotal role in decision-making processes. His ability to analyze complex challenges and develop strategic solutions has contributed to the efficient functioning of the institution.

His leadership in governance is characterized by a collaborative approach, ensuring the inclusion of diverse perspectives in institutional decision-making.

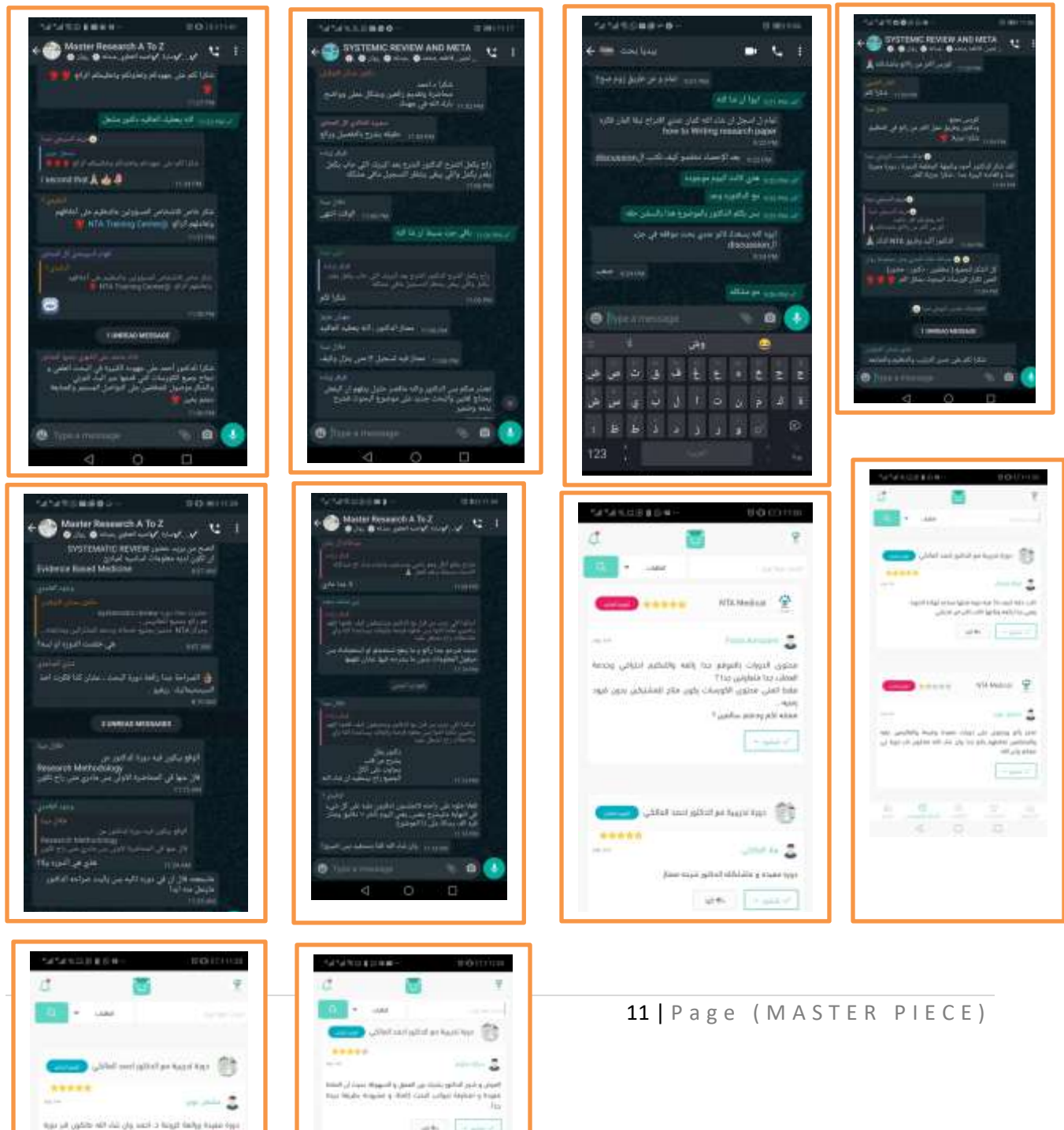
Awards and Recognitions

Dr. El-Malky has received numerous awards and recognition for his contributions to medical education and healthcare quality. His accolades include appreciation letters from university deans, faculty awards for excellence in teaching, and recognition from healthcare quality organizations.

Teaching Experience and Courses



Review of my students



Clinical disease epidemiology which is the basic science of public health, is classified in to communicable diseases and non-communicable diseases (morbidity). The latter is responsible for 65% of total mortalities in the communities (mortality). M&M is considered the data source of public health physician through which health assessment done by surveys and clinical research to reach a community diagnosis of the health problems. These problems will be mass solved by health programs using available health related services.

Public health Experience	(Theodor Bilharz)
<ol style="list-style-type: none"> 1. Held focus group discussions and awareness classes for HCV infected patients about Folk medicine and alternative medicine and superstition (2011) 2. Internal team coordinator (2010-2011) All these activities were held in Giza suburban, Cairo, Alexandria, Ameriyah, Gazeret Mohammed. For infected and exposed populations with limited resources. Focusing on HCV and Shistosomiasis. <ul style="list-style-type: none"> ▪ Administer HCV testing ▪ Counsel participants on health issues and help navigation of the public health system ▪ Provide health and legal information and psychic support ▪ Oversaw group preparations for a trip to work with Ministry of Health ▪ Exchanged health related information with counterparts ▪ Cultivated a number of research skills including project design, data collection through questionnaire administration, behavioral assessments, and data entry ▪ Assisted in the implementation of focused mobile medical units to serve 2000+ vulnerable groups, including the training, development of operational plans, provision of logistical support, and development and implementation of a monitoring and evaluation system ▪ Conducted research examining risk factors in pregnant women in rural villages ▪ Developed the protocol and questionnaire for study ▪ Managed, collected and analyzed data which will assist in future research at the project site 3. Assisted in teaching course for nurses in TBRI 2009 <ul style="list-style-type: none"> ✓ Principles of Epidemiology ✓ Epidemiology in preventive medicine and disease investigation ✓ Applied concepts, theories and methods from the field of social epidemiology to a research problem 4. Assisted in the following programs in TBRI 2009 with large medical teams: in Giza suberbans and gazeret Mohammad <ul style="list-style-type: none"> ✓ Implementation of National Bilharziasis Program treatment and prevention policies ✓ Consoled and entertained hospitalized children and infants to provide relief and comfort during traumatic and stressful times in their lives ✓ Assisted in providing medical care, primarily Bilharzia, pre-natal and wound care for people with limited resources and also conduction of an assessment of Hepatitis C Virus screening and treatment practices of providers serving individuals with limited resources ✓ Analyzed barriers in villagers rural face in accessing adequate health care ✓ Administered initial and follow-up surveys to eligible patients ✓ Monitored patient appointments and clinic attendance for HCV infected groups ✓ Assisted with data entry and analysis on study related to establishing new intervention and safety planning 	

program

5. Teaching/Training (TBRI 2008)

- Facilitator
 - Developed and presented lesson plans for life skills, family planning and HCV prevention for host-country national students at a local secondary school
 - Developed the children's social, language, hygiene skills

Experience in Healthcare Quality and Management (TBRI, Cairo University and KKHU) in collaboration with other medical teams

Instructor in the following topics, for medical staff (Teaching Experience):

- CPHQ and healthcare quality management
- Patient safety
- Morbidity indicators
- Statistical analysis
- Research methodology
- Utilization management
- People management
- Improvement of organizational performance
- Six sigma projects
- Quality planning projects

Review of

- Medical files, occurrence variance reports, hospital annual statistics of different department, morbidity capture forms, flow charts for different medical and administrative processes according to CPGs
- Third party reviewer in Utilization review committee and denials management committee
- Review of patients' complaints and malpractice related to medical errors
- Executions of root cause analysis, failure mode and effect analysis focus PDCA.....
- Statistical analysis, data collection and other steps of medical research, studies and improvement projects and undertaking studies of communicable disease SPSS Statistical Analysis of Data, Excel, Hardware, software management, Office 2010-2011, internet browsing, Adobe, Photo shop etc.
- Calculation of mortality and morbidity rates, case fatality rates

Member in

- Risk management committee
- Performance improvement committee
- Accreditation committee
- Coordinates and collaborates with Chief of Staff and CEO regarding medical staff credentialing
- Preparation of quarter and annual reports analysis of hospital admission and case-fatality rates using record linkage data
- Leadership skills with the ability to direct activities of others both individually and within a project team setting
- Strong communication skills, including the abilities to effectively communicate verbally and in writing, internally and externally, and at all levels of the organization
- Health care regulatory requirements
- Applied knowledge in a business healthcare setting of quality improvement theory, research design and statistics
- Strong experience in managing large, complex projects
- Proved analytical ability in identifying problems, developing solutions and implementing effective courses of action
- Demonstrated success in leading organizations through accreditation reviews
- Experience with NCQA or URAC accreditation
- Experience in designing a vendor/organization audit process for delegation of medical management and regulatory required functions
- Experience in managing a sizeable budget
- Knowledge of medical risk management preferred
- Lead condition specific work groups and present findings to senior leadership, medical directors and various committees.
- Perform ongoing analysis of gaps in clinical care and barriers to care; ensuring alignment of all interventions with the HEDIS and Stars strategic plan.
- Assess care opportunities, designing and implementing member and provider specific actions or interventions.
- Develop strong working relationships with all departments and divisions, physicians, and non-physician providers and allied health care organizations.
- Coordinate and lead functional areas to achieve national accreditation (URAC)
- Oversee, coordinate and implement other regulatory activities and site reviews as required, including CMS, Medicaid,

Medicare and Medicare STARS report, NCQA, and others

- Implement quality improvement activities based upon outcomes for internal and external Quality Management within the HealthCare Services clinical division
- Manage the clinical quality management program and staff, ensuring all areas comply with and understand the quality program, reporting elements, and regulatory requirements to demonstrate compliance
- Advisor of students' projects:
 - Patient safety in emergency medical services
 - Occupational health and safety in intensive care unit
 - Activation of code blue team
 - Compliance of the emergency room to the JCI standards: Importance of the ER design in staff and patient safety
 - Implementation of emergency triage system (Emergency severity Index ESI)
 - Implementation of Canadian triage acuity scale (CTAS)
 - Implementation of weaning protocol from mechanical ventilator
 - Implementation of protocol for the management of pneumothorax and chest tube
 - Implementation of protocol for the management of violence in emergency department
 - Implementation of the American Heart association guidelines for the management of Acute chest pain
 - Implementation of the European guidelines for the management of burns
 - ACLS
 - BLS
 - Neonatal resuscitation
- I structured the patient safety department: Elaboration of patient incident reporting system, Designing and implementation of patient safety database, Designing and implementation of automated reporting system, Elaboration and implementation of patient safety policies and procedures, Conduction of root cause analysis, Conduction of Failure mode effect analysis, Determination and analysis of Key performance indicators (KPI), Elaboration and implementation of quality improvement plan (QIP), Conduction of workshop and training activities regarding patient safety, Conduction of safety rounds, clinical audits and risk assessment activities.
- Implementation of guidelines and best practices concerning safe surgery, safe patient's transfer, fall down, pressure ulcer, indications of coronary angiography, patient identification, medication safety, prevention of deep vein thrombosis, indications of C/section, blood transfusion, etc...
- I participated in the activities of all hospital committees as member and secretary: patient safety. Occupational health and safety, data management, scientific drug committee, OR committee, EPP, etc....