

Dr.Amal El-Sayed C.V.

PhD. Microbiology and Infection Control Specialist

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Mailing Address: 54 El Mekkiass Street, El Manial, Cairo.

Personal Info:

Gender: Female.

Marital Status: Widow

Education:

December 1983: MB BCH Cairo University Faculty of Medicine.

November 1987: Masters Degree in Microbiology and Chemical Pathology Cairo University.

June 1993: PhD. in microbiology from El Azhar University Faculty of Medicine, Egypt.

July 2003: The Professional Certificate in Nosocomial Infection Control from the Institute of Quality Management of the American University in Cairo, with the Egyptian Society of Infection Control.

June 2008: IFIC international degree (professional diploma) in Infection Prevention & control presented by Arab Medical Union (AICPD).

Mars 2012: Health Care Management Diploma- New Trends & Practical Applications in Laboratory Management (professional diploma) Egyptian Ministry of Health with co-operation of Medical Training Department of International Culture Centre "ICC".

Experience:

- **April 2010 - 24 Mars 2011** : Consultant Microbiology and ***Infection Control Director*** in K.S.A Ministry of Health , Maternity and Children Hospital, Qassim, Buraidah, KSA;

I provided an expert and effective leadership in promotion of medical asepsis and overseas proper safeguards against the transmission of infection within the Hospital.

- I was a member of Infection Control Committee, Quality Manager Committee and the head of Medical Waste Management Committee.
 - I established The " Infection Control Manual "of the hospital according to the requirements of CBAHI Standards of KSA
 - I established with cooperation of I.C. coordinator and the medical director; an employee health clinic with employee health nurse.
 - Me and infection control Practitioner prepared infection control monthly report. and discuss it in the committee.
 - I prepared the yearly plan of the Infection Control Service; submit it to the Infection Control Committee.
 - Employment orientation infection control lectures and continued education infection control lectures were served to all hospital personnel.
 - I recommended the appropriate general control measures for endemic and epidemic problems e.g. swine flu, R.S.V. infections and isolation measures in the Hospital. Routine HBV-screening of pregnant females were done as an antenatal care and a program for babies of HBV positive mothers were carried out including giving immunoglobulin and HBV vaccine to them.
 - As a representative of the Hospital, I cooperated with local CBAHI- accredited hospitals in the study and compliance of infection prevention and control measures.
- 2003 till present: work as Infection control doctor & a member of Infection Control Committee and The Committee of Occupational Health & Safety; Research Institute of Ophthalmology RIO, Cairo.
- I established The " Infection Prevention and Control Manual "of RIO according to the international and national guidelines, 1st Edition and 2nd Edition to be distributed to all departments and followed by all employee.
 - I organized the infection control committee to be approved by the head of institute.
 - Monthly meetings of the I.C committee have been carried out; minutes and other documents are kept.
 - Continuous active and passive surveillance is done and health care associated infection rate, control chart, MDR and sharp injuries are measured per month and year and results are notified to the staff.
 - I supervise day to day work of IC practitioner and when necessary submit reports to the head of institute. Outbreak management is one of my responsibilities.
 - I am responsible for establishing the scientific features in purchase of all hospital disinfectants and requirements of sterilization, hand sanitation and personal protective equipment.
 - IC orientation lectures and workshops are made to all hospital personnel. IC team members

have been attending frequent training courses and IC conferences.

- 28th November 2019 till present: have worked as Assistant Professor Microbiology at the Research Institute of Ophthalmology.
- 1993 - 1998 : Microbiology researcher and a Lecturer
- November 1987- July 1993: Senior Registrar Microbiology El Azhar University Hospital
- March 1985- November 1987: Chemical Pathology and Microbiology Resident Cairo University Hosp.
- March 1984 – February 1985: Worked as House Officer - Cairo University Hospital.

Recent Participation in training courses & international conferences:

- **9th May 2023:** I celebrated the WHO Hand Hygiene Day as speaker in a scheduled zoom meeting.
- **17th and 18th September 2022:** has organized the training orientation course in Infection Prevention and Control RIO.
- **23rd October 2021:** Has attended the 28th international conference of the Egyptian Society of Medical Microbiology (ESMM) Covid-19 Pandemic: The Egyptian Versus Global Experience.
- **29th August-23rd September 2021:** has participated in the course of Basic Infection Control Principles and Work Shop as course coordinator and lecturer. RIO.
- **31st March 2018:** has participated in the scientific activities of the 24th conference of the Egyptian Society for Medical Microbiology in association with Microbiology Department, Faculty of Medicine, Cairo University, by “Oral Presentation” about; A Study of Microbial Air Quality before and after Hydrogen Peroxide Fumigation of Ophthalmic Operative Theatre in RIO in Egypt.
- **10-15th March 2018:** Has been accredited by the European Accreditation council for Continuing Medical Education (EACCME) 6 European CME credits in attending the 1st Annual Conference of Medical Microbiology& Immunology Department. 39th Annual Ain Shams Medical Congress
- **24-26th January 2018:** Has attended in the 12th International Conference of the Research Institute of Ophthalmology RIO.
- **1,2nd January 2018:** Has participated as course organizer and lecturer in the

Standard Precaution Part-1 infection control course.

- **21- 22nd October 2018:** Has attended the 8th International Congress of SPIC- Egypt, Member Society of IFIC in collaboration with ICAN “Infection Prevention and Control, a Dynamic process”.
- **17th Sep 2017:** Has participated as speaker in 1st Scientific Day of Microbiology and Parasitology Department “To Magnify Our Knowledge in the Field of Microbiology and Parasitology.
- **July 2017:** has successful completion of EPI Intensive Course of The Fundamentals of Infection Prevention and Control. The Association for Professionals in Infection Control and Epidemiology (APIC) Consulting Services
- **16-17 May 2017:** Has participated as a speaker in “the Applied Microbiology in Clinical Research” continuing education course, Research Institute of Ophthalmology.
- **9th April 2017:** Has attended the work shop “Fighting of Parasitic Diseases with Innovative Therapeutic Techniques”, Research Institute of Ophthalmology.
- **1st April 2017:** Has participated in the scientific activity of the 23rd Conference of the Egyptian Society for Medical Microbiology (ESMM), “New Era of Microbiology.
- **5th May 2016 and 2017:** Has attended the WHO Hand Hygiene Day celebrated by the Arab Institute for Continuing Professional Development and Egyptian Society of Infection Control.
- **16th April 2016:** Has actively participated with “Oral Presentation” about: Conjunctival Bacterial Flora and Their Antibiotic Sensitivity in Undergoing Ophthalmic Surgery, at the 22nd Conference of the Egyptian Society for Medical Microbiology in collaboration with Microbiology Department, Faculty of Medicine, Zagazig University; Clinical Microbiology and Infections.
- **8-16 February 2016:** Has participated as organizer and lecturer of “Infection Control Orientation course”, Research Institute of Ophthalmology, IC Unit.
- **29-30 Mars 2015:** Has attended the 3rd annual conference of Occupational Health and Infection Control Inside Hospitals; Kasr Alainy and SHMIC.
- **22-23 Mars 2014:** Has attended the 2nd annual conference of Occupational Health and Infection Control Inside Hospitals; Cairo University Faculty of Medicine and the Egyptian Medical Syndicate.
The workshops: “Safe use of PPE”, “Pit faults in hand hygiene”, “Methods of air purification” and “Microclave and CRBSI”.

List of Publications:

- 1) البكتيريا المستوطنة الملتحمة و حساسيتها للمضادات الحيوية فى جراحة العيون
Conjunctival Bacterial Flora and Their Antibiotic Sensitivity in Undergoing Ophthalmic Surgery.
Middle-East Journal of Scientific Research 23 (12): 2987-2992, 2015
<http://www.idosi.org/mejsr/mejsr23%2812%2915/26.pdf>
- 2) الفعالية العلاجية لموكسيفلوكساسين و الأمفوتيريسين ب مجتمعين فى التهاب العين الداخلى التجريبي بميكروب الكانديدا
Therapeutic Efficacy of Moxifloxacin and Amphotericin B Combination in Experimental Candida Endophthalmitis
International Journal of Microbiological Research 7 (3): 120-125, 2016
[http://idosi.org/ijmr/ijmr7\(3\)16/7.pdf](http://idosi.org/ijmr/ijmr7(3)16/7.pdf)
- 3) دراسة جودة الهواء من حيث وجود الميكروبات قبل وبعد التبخير لغرف العمليات بأكسيد الهيدروجين فى معهد بحوث أمراض العيون بجمهورية مصر العربية
A Study of Microbial Air Quality Before and After Hydrogen Peroxide Fumigation of Ophthalmic Operative Theatre in the Research Institute of Ophthalmology in Egypt.
Journal of Ophthalmology and related Sciences, 2017, 1(2):51-61
<http://jors.journals.ekb.eg/>
- 4) المراقبة الميكروبيولوجية لجودة الهواء: دراسة مقارنة باستخدام طريقة فعالة وأخرى كامنة فى غرف العمليات
Microbiological Surveillance of Air Quality: A comparative Study Using Active and Passive Methods in Operative Theater.
International Journal of Pharmaceutical and Phytopharmacological Research, 2018; 8(1):33-38
<http://eijppr.com/upload/eIJPPR-2018-ISS1/eIJPPR-2018-8-1-33-38.pdf>
- 5) مشروع لتحسين جودة إعادة معالجة الأدوات الجراحية فى مركز لأبحاث طب و جراحة العيون بجمهورية مصر العربية
Surgical Instrument Reprocessing Improving Project at Ophthalmology Research Center in Egypt.
International Journal of Microbiological Research 9 (2): 26-35, 2018
[https://idosi.org/ijmr/ijmr9\(2\)2018.htm](https://idosi.org/ijmr/ijmr9(2)2018.htm)
- 6) تفشى التهاب باطن المقلة الحاد بميكروب سودوموناس ايريجنوزا بعد جراحة استئصال العدسة فى مصر
An outbreak of post cataract *Pseudomonas aeruginosa* acute endophthalmitis in Egypt
Bulletin of the National Research Centre (2019) 43:13
<https://doi.org/10.1186/s42269-019-0055-4>
- 7) زيادة الالتزام بسياسة ادارة النفايات الصحية فى مرفق للرعاية الصحية بجمهورية مصر العربية
Increase Adherence to Waste Management Policy at Healthcare Facility in Egypt

Bulletin of the National Research Centre (2019) 43:29
<https://doi.org/10.1186/s42269-019-0065-2>

8) دراسة اكلينيكية بكتيرية لالتهاب كيس الدمع المزمن في مصر

Clinico-Bacteriological Study of Chronic Dacryocystitis in Egypt.

Bulletin of the National Research Centre (2019) 43:35
<https://doi.org/10.1186/s42269-019-0074-1>

9) MRSA screening and spa gene detection in isolates from healthcare workers at ophthalmology hospital in Egypt

Bulletin of the National Research Centre (2019) 43:207
<https://doi.org/10.1186/s42269-019-0253-0>

10) Bacterial and fungal causes of infectious keratitis among patients attending Research Institute of Ophthalmology

Bulletin of the National Research Centre (2020) 44:72
<https://doi.org/10.1186/s42269-020-00330-y>

11) Adverse effects of Oxford–AstraZeneca COVID-19 vaccine among Egyptian healthcare workers

Microbes and Infectious Diseases 2022; 3(4): 860-868

Books:

1. INFECTION PREVENTION AND CONTROL MANUAL 2015. (رقم 10165 / 2015)
(الايذاع :
2. طبعة ثمانية 2023 (باللغة العربية) 2015 دليل منع و مكافحة العدوى فى المستشفيات

Memberships:

- Member of the Egyptian Society for Medical Microbiology. ESMM.
- Member of the Egyptian Society for Ophthalmology. ESO.