

Dr. Hend Magdy Mohamed Gomaa, MD, MPH

Lecturer of Public Health and Preventive Medicine
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Personal Data:

Name: Hend Magdy Mohamed Gomaa.

Current job: Assistant lecturer of Public Health and Preventive Medicine at Faculty of Medicine, Mansoura University.

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Scientific Progression:

➤ **M.B.B.Ch** in 2009 with excellent rating and honour degree at Faculty of Medicine, Mansoura University.

➤ **Master Degree** in Public Health and Preventive Medicine in 2015. An essay titled “Health Awareness about breast cancer and early detection among female employee in Mansoura university”

➤ **MD Degree** in Public Health and Preventive Medicine in 2017. Thesis titled “**Self-reported health profile of adolescents’ school students in an Egyptian village**”

Career Progression:

- **Demonstrator** at Public Health and Community Medicine department, Faculty of Medicine, Mansoura University (may, 2011).
- **Assistant lecturer** at Public Health and Community Medicine department, Faculty of Medicine, Mansoura University (March, 2015).
- **Lecturer** at Public Health and Community Medicine department, Faculty of Medicine, Mansoura University (October, 2018 till now).
- **Lecturer** at Public Health and Community Medicine department, Faculty of Medicine, Horus University, New Damietta.

Teaching Experiences:

- Coordinator and head of examination board for evidence based Medicine module in credit hour program.
 - Teaching Public Health and Community Medicine for 4th year medical students at conventional program.
 - Coordinating all academic activities related to research and biostatistics in the credit hour teaching program, Mansoura faculty of medicine (Course specification, organizing timetables, monitoring lectures and practical sessions and preparing exams).
- Main Coordinator for medical statistics (Elective course) for credit hour student
- Main Coordinator for epidemiology (Elective course) for Manchester program
- Teaching public health for medical students at credit hours program.
- Teaching Public Health and Community Medicine for medical students at Mansoura Manchester program.

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- Teaching Public health and toxicology for biomedical engineering students, Faculty of engineering Mansoura university from 2018 to 2023.
- Teaching research & medical statistic's for students in faculty of dentistry and physical therapy, hours university
- Teaching behavioral science of students in in faculty of pharmacy
- Teaching and one of team responsible for preparing new undergraduate program in Mansoura faculty of medicine from 2018 till now
- Research courses for postgraduate master and MD students, Faculty of medicine, Mansoura University from 2017 till now
- Trainers for many courses in medical statistics for undergraduate, postgraduate medical students, non-medical students and doctors in research centers.

Administrative experience:

- ♣ One of members of Research support office, Mansoura University.
- ♣ Head of evidence based medicine module (semester 9)

Epidemiologic experience

- Member of COVID surveillance team among COVID 19 contacts in Mansoura university hospital.
- Member of Occupational Health and Safety Committee

Computer skills:

- Microsoft office (word, excel, power point)
- SPSS version 16,21,22,26 (data entry and analysis)
- ♣ Epi info program
- ♣ G power sample size calculator
- ♣ Medcalc stat. program
- ♣ Graph prism program

Conferences and workshops

- In Public health & community Medicine department; “How to get research published in high-rank journal?” July 2023
- In Public health & community Medicine department; accelerate the action together .SAVE LIVES.clean your hands (may 2022)
- In Public health & community Medicine department Antibiotic resistance awareness day (2020).
- Giving statistics workshops in m3aarf Mansoura university (2021).
- Medical problem based learning training course held by the Mansoura Manchester Program for medical education (September, 2019)
- At Statistics Unit –FLDP – Mansoura university: Basics for research program (July, 2017)
- The academy on Systematic reviews workshop, Mansoura University, in collaboration with Egyptian knowledge bank 6th November, 2017
- The second workshop of infection control in Mansoura university children hospital (technical aspects of sterilization and disinfection in operation rooms and endoscopy units) 31 December 2015.
- Continuous medical education workshop in (Emergence of novel fatal viruses (MERS-COV). Monitoring, diagnosis, prevention and treatment Egyptian health authority plan. June, 2014.
- At Information and Communication Technology Project (ICTP) at Mansoura University: SPSS course
- ICDL certificate (2011)
- Toefl.ITP(2018)
- BASIC LIFE SUPPORT (2010)
- Teacher preparation (2017)
- Certified trainer of trainee (2017)
- COVID-19 Era: Public Health and Clinical Concerns, 10 – 11 November 2021, Zagazig University
- Annual conference of community, Environmental and occupational medicine department- faculty of medicine- Zagazig university (Alliance for better health: Global perspective and local challenges). Zagazig university coral beach hotel,Ain elsokna, april 2016.
- The third international public health and community medicine conference (crossing the gaps to practice) Al-Kaser Al-Ainy university 21-22 Dec 2016
- The eighth annual conference in Immunology unit 21-22 oct.2015
- The second international public health conference (health promotion integrated life cycle approach) Al-Kaser Al-Ainy university Jun 2015.

Courses:

- Medical ethics (2013)
- Scientific research (2013)
- Financial and legal aspects of university business(2016)
- Credit hours disciplines (2017)
- Writing scientific research paper(2017)
- Local and international competitive research projects(2016)
- Using technology in teaching (2018)
- Statistical analysis skills
- ICDL certificate (2011)
- Toefl.ITP(2018)
- BASIC LIFE SUPPORT (2010)
- Teacher preparation (2017)
- Certified trainer of trainee (2017)
- Scientific search engines and universities classification methods from (2020).
- Quality of performance in scientific departments from (2020)
- Design and production of electronic courses(2022)
- Cyber security(2022)
- Management of excellence in higher education institutions(2023)
- Examination systems and student assessment methods(2020)

Publications:

- Elmagid, D.S.A., Abdelsalam, M., Magdy, H. *et al.* The association between *MDR1 C3435T* genetic polymorphism and the risk of multidrug-resistant epilepsy in Egyptian children. *Egypt J Med Hum Genet* **22**, 31 (2021). <https://doi.org/10.1186/s43042-021-00152-1>
- Abdelsalam, M., Abd Elmagid, D., Magdy, H. *et al.* The association between toll-like receptor 4 (TLR4) genotyping and the risk of epilepsy in children. *Egypt J Med Hum Genet* **21**, 61 (2020). <https://doi.org/10.1186/s43042-020-00102-3>
- Megahed, Abirfarouk & Elbahnasawi, Menatalla & Tobar, Salwa & Magdy, Hend & Hassan, Lamiaa & Sayed-Ahmed, Nagy. (2021). Quality of Life Determinants in Egyptian Hemodialysis Patients. 10.13140/RG.2.2.34082.76484.
- Gomaa, H.M., El-Masry, R., Abdel-Wahab, F. and Ali, M.E., 2018. Self-reported health profile of adolescents' school students in an Egyptian village. *Progress in Medical Sciences*, 3(1), pp.1-8.
- El-Eshmawy¹, M.M., Sabri, G., Magdy, H., Nasr¹, A.A. and Mahsoub, N., 2022. Sociodemographic and clinical risk factors associated with suboptimal glycemic control among patients with type 2 diabetes attending Mansoura Specialized Medical Hospital, Egypt. Current trends in endocrinology.
- Elmagid, D.S.A., Abdelsalam, M., Magdy, H. and Tharwat, N., 2021. The association between *MDR1 C3435T* genetic polymorphism and the risk of multidrug-resistant epilepsy in Egyptian children. *Egyptian Journal of Medical Human Genetics*, 22(1), pp.1-7.
- A Niazy, N., M Mohamed, H., A Montasser, N., Farouk, O.A. and Abdel-Hady El-Gilany, A.H., 2017. Health Awareness and Practice of Early Breast Cancer Detection: An Intervention Study in a Group of Working Egyptian Women. *The Egyptian Family Medicine Journal*, 1(2), pp.1-13.
- Sherehan Adel Abdelsalam, Nesreen Elsayed Morsy, et al. Knowledge, Attitude and Practice of Antibiotic Use among University Students: A Cross Sectional Study in Mansoura University - Egypt. *Archives of Community and Family Medicine*. 2021; 4(1): 01-07. DOI: <https://doi.org/10.22259/2638-4787.0401001>
- Megahed FA, et al. Frequency and Correlates of Depression in Hemodialysis Patients versus Apparently Healthy Population in Egypt. *Ann Adv Biomed Sci* 2023, 6(1): 000205.

- Abd Elmagid, D.S. and Magdy, H., 2021. Evaluation of risk factors for cerebral palsy. *The Egyptian Journal of Neurology, Psychiatry and Neurosurgery*, 57, pp.1-9.
- Abdelsalam, M., Allam, S.H., Zohdy, M., Magdy, H. and Mostafa, M., 2021. TLR4 gene polymorphisms in Egyptian vitiligo patients: insights into emerging association with clinical activity, family history, and response to therapy. *Journal of Genetic Engineering and Biotechnology*, 19, pp.1-13.
- Magdy, hend & El-masry, Ragaa & Alwerdani, Mariam & Sa, Abd-Elhamid & Nafei, Ahmad. (2021). Learning Styles of Undergraduate Medical Students: Effect of Socio-Demographic and Educational Background Characteristics. 2021.
- El-Hegawy, M.M., Al-Haggar, M.S. and Zidan, M.M., 2023. Burnout syndrome and its predictors among nurses in primary health care facilities during COVID-19. *Egyptian Journal of Occupational Medicine*, 47(2), pp.17-32.
- Gomaa, H. and Abdu, S., 2023. Pediatric COVID-19 Vaccine Refusal among Egyptian Parents: An Online Survey Study. *The Egyptian Journal of Hospital Medicine*, 90(1), pp.393-400.
- Gomaa H., Warda R., Khafagy M. Health Problems Among Preschool Children Attending Two Health Centers In Mansoura, Egypt. *Egyptian Journal of Community Medicine*, 2022;41(1): 42-50. DOI: 10.21608/ejcm.2022.139586.1221.
- Hend Magdy Mohamed Gomaa, et al. Satisfaction of Diabetic Patients Regarding Health Care Services Provided In Some Egyptian Family Health Care Units. *Egyptian Journal of Community Medicine*, 2023;41(3):186-192.

Accepted for publication

- Physical activity among pregnant women during the last trimester and its associated factors *The Egyptian journal of community medicine*
Accepted 03 July 2023.