

Mohamed Hamouda Elkasaby

MBBCh | International Medical Graduate

+20 102-662-8418
mohamedhamouda2182000@gmail.com
1st Albahr St., Kafr Qata,
Biala, Kafrelshikh 33634, Egypt

PROFESSIONAL SUMMARY

International medical graduate with over four years of research experience, primarily in cardiology. Skilled in coordinating research projects and mentoring teams, fostering effective communication and collaboration. Proficient in biostatistics and statistical software (STATA, R, SPSS, Jamovi), with strong command of study design, literature review, and manuscript development. Experienced in teaching, cross-cultural collaboration, and patient-centered care during clinical internships. Committed to advancing cardiovascular science and promoting inclusion, transparency, and teamwork in research. Experienced in the responsible and ethical use of artificial intelligence in clinical research.

CORE COMPETENCIES

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| ▶ Study Design (RCTs, observational, cohort) | ▶ Statistical Analysis (STATA, R, Jamovi, IBM SPSS) |
| ▶ Systematic Review & Meta-Analysis | ▶ Scientific Writing & Publishing |
| ▶ Data Collection & Database Management (SEER, NIS, TriNetX, REDCap) | ▶ Biostatistics & Data Visualization |
| ▶ Presentation & Scientific Visualization (BioRender) | ▶ Grant Proposal Writing |
| ▶ Microsoft Office Suite | ▶ AI in Clinical Research |

PROFESSIONAL EXPERIENCE

Medical Writer — ResearchMedi

Mar 2026 – Present

- ResearchMedi provides end-to-end research support to clinical and academic teams — medical writing, data validation, biostatistics, and consultation services carried through to publication.
- Draft and edit manuscripts, protocols, abstracts, and peer-review responses across cardiology and other specialties, in line with target-journal and reporting-guideline requirements (CONSORT, PRISMA, STROBE).
- Validate study datasets and run the accompanying statistical analyses (STATA, R, SPSS), reporting results as publication-ready tables and figures.
- Advise authors on study design, target-journal selection, and submission strategy, supporting projects from protocol through to acceptance.

Research Group Coordinator — Medical Research Group of Egypt (MRGE), Negida Academy LLC

Feb 2022 – Present

- Supervise and mentor a multidisciplinary team of researchers across focused systematic reviews and meta-analyses.
- Coordinate project planning, timeline management, and peer-reviewed publication submissions.
- Developed effective communication protocols for team members, ensuring clarity of purpose and goals.
- Provided mentoring and educational webinars.

Clinical Research Course Co-Instructor — Negida Academy LLC

Jan 2023 – Present

- Taught structured modules on clinical research designs, statistics and analysis, scientific writing and publishing, systematic reviews and meta-analysis, to junior researchers.
- Mentored participants through hands-on assignments and delivered live sessions and Q&As.

Clinical Research Counselor & Biostatistician — *UpWork (Freelance)* Jan 2025 – Present

- Provided statistical analysis, literature review, and manuscript editing for medical and public health researchers.
- Supported systematic reviews, meta-analyses, and clinical data interpretation using STATA, R, and SPSS.

Medical Research Instructor — *Al-Azhar Medical Students' Association (AMSA)* Dec 2022 – Present

- Taught fundamentals of clinical research, including study design, literature review, and basic statistics.
- Guided students through research proposal writing and journal submission processes.
- Mentored beginner researchers in developing systematic reviews and meta-analyses.

Research Trainee — *Community Medicine Dept., Faculty of Medicine, Al-Azhar University* Feb 2022 – Oct 2022

- Received training in epidemiology, study design, and SPSS data analysis within community health research projects.
- Assisted senior researchers in literature review, data entry, and descriptive analysis on cardiovascular risk and health behaviors.
- Observed the development of IRB proposals and public health surveys, gaining exposure to ethical research practices.

CLINICAL INTERNSHIPS — Al-Azhar University Hospitals, Nasr City, Cairo

▶ Emergency Medicine & Intensive Care	Jan – Feb 2026	▶ Neurosurgery	May 2025
▶ Pulmonology	Dec 2025	▶ Anesthesia & Intensive Care	Apr 2025
▶ Cardiology	Nov 2025	▶ Pediatrics	Jan – Mar 2025
▶ Psychiatry	Sep – Oct 2025	▶ OB-GYN	Oct – Dec 2024
▶ Family Medicine	Jul – Aug 2025	▶ General Surgery	Jun – Sep 2024
▶ Pediatric Surgery	Jun 2025	▶ Internal Medicine	Mar – May 2024

Key Cardiology Highlights:

- Assisted in managing patients with valvular heart disease, heart failure, arrhythmias, and ischemic disease.
- Interpreted ECGs; observed echocardiograms, cardiac catheterizations, and pacemaker insertions.
- Participated in guideline-based case discussions and multidisciplinary team meetings.
- Managed pediatric patients with cardiac complaints including murmurs, cyanosis, and congenital heart disease.
- Assisted in managing hypertensive disorders and peripartum cardiomyopathy during OB-GYN rotation.

EDUCATION

MBBCh in Medicine

February 2026

Faculty of Medicine, Al-Azhar University, Cairo, Egypt

CERTIFICATIONS & RESEARCH TRAINING

- CITI Program – Good Clinical Practice (U.S. FDA Focus): GCP for Clinical Trials with Investigational Drugs and Medical Devices. SUNY – Buffalo (University at Buffalo). Completed Jul 2026; valid through Jul 2029. Record ID 77843265.
- CITI Program – Good Clinical Practice (ICH E6(R3)): investigator site training meeting the TransCelerate BioPharma minimum criteria for mutual recognition of GCP training among trial sponsors. SUNY – Buffalo (University at Buffalo). Completed Jul 2026; valid through Jul 2030. Record ID 77843260.

- CITI Program – Human Research: Biomedical Research Investigators, Refresher Course (Stage 2). SUNY – Buffalo (University at Buffalo). Completed Jul 2026; valid through Jul 2029. Record ID 77843257.
- CITI Program – Conflicts of Interest, Basic Course. SUNY – Buffalo (University at Buffalo). Completed Jul 2026; valid through Jul 2030. Record ID 77843263.

AWARDS & RECOGNITION

- **Reach-the-World Travel Award, International Society on Thrombosis and Haemostasis (ISTH 2026)**, Paris, **France**, July 2026. Oral presentation: Efficacy and Safety of Direct Oral Anticoagulants in Pediatric Congenital and Acquired Heart Disease: A Systematic Review and Meta-Analysis of Randomized Controlled Trials. <https://www.isthcongress.org/>
- **Travel Grant, The World Federation of Neurology (WFN)**, Seoul, **South Korea**, October 2025. Oral presentation: Cerebral embolic protection devices and transcatheter aortic valve implantation. Could stroke be avoided? A meta-analysis of 4091 patients. <https://wcn-neurology.com/>
- **Travel Grant, Joint Conference of 2025 International Conference Stroke Update and International Conference on Intracranial Atherosclerosis (ICSU & ICAS 2025)**, Busan, **South Korea**, November 2025. Oral presentation: Direct Oral Anticoagulants in Pediatric Congenital and Acquired Heart Disease: Implications for Stroke Prevention - A Systematic Review and Meta-analysis. <https://www.strokeupdate-kss.org/about/welcome.php>
- Winner of the **Dr. Al Mahmeed Travel Grant, 17th Gulf Heart Association Conference (GHA 2025)**, Doha, **Qatar**, November 2025. Poster presentation. <https://gha25.com/>
- **Travel Grant, Asian Pacific Congress of Nephrology 2025 in conjunction with 2025 Annual Meeting of the Taiwan Society of Nephrology**, TaiNEX 2, Taipei, **Taiwan**, December 2025. Oral presentation: Safety and Efficacy of Apixaban Compared to Warfarin for Venous Thromboembolism Treatment in End-Stage Renal Disease: A Meta-Analysis. <https://www.apcn2025.org/index>
- **Travel Grant, International Digestive Endoscopy Network (IDEN)**, Seoul, **South Korea**, June 2025. Poster presentation: Gastric Partitioning vs Gastrojejunostomy for Malignant Gastric Outlet Obstruction: A Patient-Level Meta-Analysis. <https://www.idenworld.org/event/266/>
- **Dean's Honors**, Top-ranked peer-reviewed publications. **Faculty of Medicine, Al-Azhar University**, Cairo, **Egypt**. Mar 2025.
- **Travel Grant, International Atherosclerosis Society**, Muscat, **Oman**, Dec 2024. Plenary presentation: Can antibiotics inhibit the growth of abdominal aortic aneurysm? meta-analysis. <https://isa2024oman.org/>
- **Travel Grant, Asian Pacific Society of Cardiology**, Dubai, **UAE**, May 2024. Oral presentation: Transcatheter tricuspid valve intervention compared to isolated tricuspid valve surgery in tricuspid regurgitation patients. <https://www.apscardio.org/>
- Winner of **19th ME-AOHNS Heinz Stammberger Resident Research Competition, Middle East Academy of Otolaryngology Head & Neck Surgery**, Dubai, **UAE**, April 2024. Oral presentation: Platelet-Rich Plasma Therapy for Chronic Resistant Post-COVID-19 Olfactory Dysfunction: A Systematic Review and Meta-Analysis of Placebo-Controlled Studies. <https://www.entacademy.net/>
- **Best oral presentation, Cardiovascular Research, Education & Prevention Foundation (CVREP)**, Alexandria, **Egypt**, June 2023. Oral presentation: Cerebral Embolic Protection in Transcatheter Aortic Valve Implantation (TAVI), can neurological complications be avoided? <https://cvrep-foundation.org/>
- **Travel grant, Asian Society for Cardiovascular and Thoracic Surgery (ASCVTS)**, Busan, **Korea** May 2023. Oral presentation: Primary Repair Surgery Versus Staged Repair for Neonates with Symptomatic Tetralogy of Fallot: A Systematic Review and Meta-Analysis. <https://test.ascvts.org/>
- **Recognition**: Top-ranked peer-reviewed publications. **Negida Academy LLC**, Arlington, **USA**, Jan 2025. <https://courses.negida.com/>

PUBLICATIONS

Cardiology

- (1) **Elkasaby, M. H.**; Alanazi, A. A.; Frishman, W. H.; Aronow, W. S. Complete Revascularization Versus Culprit-Only Percutaneous Coronary Intervention in Non–ST-Elevation Myocardial Infarction With Multivessel Disease: A Nationwide Propensity Score–Matched Analysis. *Cardiology in Review* 2026. <https://doi.org/10.1097/CRD.0000000000001431>
- (2) **Elkasaby, M. H.**; Alanazi, A. A.; Al Hennawi, H.; Dodson, A.; Frishman, W. H.; Aronow, W. S. Impella Outcomes in Acute Myocardial Infarction Versus Non–Acute Myocardial Infarction Cardiogenic Shock: A United States

Nationwide Propensity-Matched Analysis (2016–2022). *Cardiology in Review* 2026.
<https://doi.org/10.1097/CRD.0000000000001412>

- (3) Hammad, N.; **Elkasaby, M. H.**; Gadelmawla, A. F.; Kamel, O.; Abouzkaly, F.; Nazmy, A.; Saad, O. A.; Basiony, K.; Elmaraezy, A.; Frishman, W. H.; Serruys, P. W.; Aronow, W. S. Efficacy and Safety of Selective Aldosterone Synthase Inhibitors in Uncontrolled Hypertension: A Systematic Review and Dose-Specific Network Meta-Analysis of Randomized Controlled Trials. *Cardiology in Review* 2026. <https://doi.org/10.1097/CRD.0000000000001419>
- (4) **Elkasaby, M. H.**; Alanazi, A. A.; Al Hennawi, H.; Frishman, W. H.; Aronow, W. S. Impact of the 2019 Low-Risk Indication Expansion on Transcatheter Aortic Valve Replacement Utilization, Outcomes, and Disparities: A National Interrupted Time Series Analysis. *Cardiology in Review* 2026. <https://doi.org/10.1097/CRD.0000000000001404>
- (5) Abomohsen, M.; Mohamed, A. E.; **Elkasaby, M. H.**; Alkuwaiti, M. A.; Hamed, B. M.; Alghzawi, H. M.; Rifai, M.; Bakr, H. M.; Almakadma, A. H.; Frishman, W. H.; Aronow, W. S. Transcatheter Versus Surgical Aortic Valve Replacement in Patients With Pre-Existing Permanent Pacemaker or Implantable Cardioverter-Defibrillator: A Nationwide Propensity-Matched Analysis. *Cardiology in Review* 2026.
<https://doi.org/10.1097/CRD.0000000000001336>
- (6) **Elkasaby, M. H.**; Ahmed, M. S. A.; Elmahdi, N.; Balata, M. Oral Anticoagulants for Secondary Prevention in Atrial Fibrillation Patients with Prior Intracranial Hemorrhage. *European Stroke Journal* 2026, 11 (Suppl 1), i482.
<https://doi.org/10.1093/esi/aakag023.845>
- (7) **Elkasaby, M. H.**; Ahmed, M. S. A.; Elmahdi, N.; Balata, M. Direct Oral Anticoagulants in Pediatric Congenital and Acquired Heart Disease. *European Stroke Journal* 2026, 11 (Suppl 1), i544.
<https://doi.org/10.1093/esi/aakag023.960>
- (8) **Elkasaby, M. H.**; Hammad, N.; Gadelmawla, A. F.; Kamel, O.; Abouzkaly, F.; Nazmy, A.; Saad, O. A. Efficacy and Safety of Aldosterone Synthase Inhibitors in Uncontrolled Hypertension: A Systematic Review and Network Meta-Analysis. *Journal of Hypertension* 2026, 43 (Suppl 1), e173. <https://doi.org/10.1097/01.hjh.0001196988.05776.6e>
- (9) Bakry, H. E.-S.; Abdellah, M. I.; Khalaf, H. A.; Assem, A. A.; ElGamal, M. M.; Abdo, M. I.; **Elkasaby, M. H.**; Hassan, A. A. Efficacy and Safety of Direct Oral Anticoagulants in Pediatric Congenital and Acquired Heart Disease: A Systematic Review and Meta-Analysis. *Thrombosis Journal* 2026, 24 (1). <https://doi.org/10.1186/s12959-026-00850-z>
- (10) Hassan, A.; **Elkasaby, M. H.**; Elshahat, M. S.; Elshafey, O. N.; Ebeid, I.; Ali, A. Life-Threatening Pulmonary Embolism in a Patient with Suspected Antiphospholipid Syndrome and Severe Thrombocytopenia: A Case Report. *ASIDE Case Reports* 2026, 3 (2), 16–21. <https://doi.org/10.71079/ASIDE.CR.041026465>
- (11) Elbeny, A. M.; **Elkasaby, M. H.**; Fouad, T. A.; Soltan, M. E.; Abdelaziz, A. S.; Metwally, A. E.; Othman, M. A.; Gebali, M. M.; Muharram, M. A.; Abdo, A. A.; Hassan, A. A. Drug-Coated Balloon Versus Drug-Eluting Stent for Large Coronary Arteries in Patients Presenting With STEMI: A Systematic Review and Meta-Analysis. *Cathet Cardio Intervent* 2026, 107 (1), 439–452. <https://doi.org/10.1002/ccd.70358>
- (12) Elazab, A.; Hageen, A. W.; Elbataa, A.; Mansour, A.; Labeeb, E. E.; Najah, Q.; Elbahloul, M. A.; Elnady, M. I.; Abdelsatar, S. M.; Mansour, A.; **Elkasaby, M. H.**; ...; Hakim, D. The Efficacy and Safety of Cerebral Embolic Protection Devices in Patients Undergoing Transcatheter Aortic Valve Replacement: A Systematic Review and Meta-Analysis with Trial Sequential Analysis of Randomized Controlled Trials. *Expert Review of Cardiovascular Therapy* 2026, 1–19. <https://doi.org/10.1080/14779072.2026.2636590>
- (13) Hassan, A.; Mansour, A.; **Elkasaby, M. H.**; Ramadan, S.; Nabil, A.; Suwannasom, P.; Saad, M.; De Winter, R. J.; Hemetsberger, R.; Abdelghani, M. Drug-Coated Balloon Versus Drug-Eluting Stent for De Novo Lesions of Large Coronary Arteries: A Systematic Review and Meta-Analysis of Angiographic and Clinical Outcomes. *Cathet Cardio Intervent* 2025, 106 (7), 3517–3532. <https://doi.org/10.1002/ccd.70223>
- (14) Gbreel, M. I.; **Elkasaby, M. H.**; Hassan, M.; Becher, M. U.; Balata, M. Optimizing Antithrombotic Therapy Following Mitral Valve Repair: A Comprehensive Network Meta-Analysis. *BMC Cardiovasc Disord* 2025, 25 (1), 628. <https://doi.org/10.1186/s12872-025-04974-4>
- (15) Balata, M.; Gbreel, M. I.; **Elkasaby, M. H.**; Badran, A. S.; Hassan, M.; Westenfeld, R.; Pfister, R.; Zimmer, S.; Becher, M. U.; Nickenig, G.; Sugiura, A. Cerebral Embolic Protection in Transcatheter Aortic Valve Implantation (TAVI): A Pooled Analysis of 4091 Patients. *Cardiovasc Interv and Ther* 2025, 40 (3), 490–505.
<https://doi.org/10.1007/s12928-025-01128-3>
- (16) Balata, M.; Gbreel, M. I.; **Elkasaby, M. H.**; Hassan, M.; Becher, M. U. Meta-Analysis of MitraClip and PASCAL for Transcatheter Mitral Edge-to-Edge Repair. *J Cardiothorac Surg* 2025, 20 (1), 3. <https://doi.org/10.1186/s13019-024-03218-4>
- (17) **Elkasaby, M. H.**; Hassan, A. A.; Ahmed, M. S. A. Safety and Efficacy of Apixaban Compared with Warfarin for Venous Thromboembolism in ESRD: A Meta-Analysis: TH-PO1112. *Journal of the American Society of Nephrology* 2025, 36 (10S), 10–1681.
- (18) **Elkasaby, M. H.**; Hassan, A. A.; Ahmed, M. S. A. Comparative Efficacy and Safety of Higher versus Standard Doses of Heparin-Based Thromboprophylaxis in Bariatric Surgery: A Meta-Analysis of Randomized Controlled Trials. *Korean Surgical Society Conference Abstracts* 2025, 670–670.

- (19) **Elkasaby, M. H.**; Balata, M.; Gbreel, M. Cerebral Embolic Protection Devices and Transcatheter Aortic Valve Implantation. Could Stroke Be Avoided? A Meta-Analysis of 4091 Patients. *Journal of the Neurological Sciences* 2025, 480.
- (20) Elshahat, A.; Ellabban, M.; Amin, A. M.; Diao, A.; Bakr, A.; Rzk, F.; Mansour, A.; Bedak, O.; Eid, M.; Elaraby, A.; **Elkasaby, M. H.**; Abdelaziz, A. The Efficacy and Safety of Alcohol Septal Ablation Stratified by Alcohol Dosage for Patients with Hypertrophic Obstructive Cardiomyopathy: A Systematic Review and Meta-Analysis. *BMC Cardiovasc Disord* 2024, 24 (1), 624. <https://doi.org/10.1186/s12872-024-04194-2>
- (21) Elshahat, A.; Mansour, A.; Ellabban, M.; Diao, A.; Hassan, A.; Fawzy, A.; Saad, O. A.; Abouelmagd, M.; Eid, M.; Elaraby, A.; **Elkasaby, M. H.**; Abdelaziz, A. Comparative Effectiveness and Safety of Eplerenone and Spironolactone in Patients with Heart Failure: A Systematic Review and Meta-Analysis. *BMC Cardiovasc Disord* 2024, 24 (1), 489. <https://doi.org/10.1186/s12872-024-04103-7>
- (22) Hafez, A.; Abdelaziz, A.; Ellabban, M.; Ibrahim, A. A.; Atta, K.; **Elkasaby, M. H.**; Diab, R. A.; Suppah, M.; Abdelaziz, M.; Ali, S.; Abdelazeem, B. Clinical Outcomes of Complete Revascularization in Patients With MVD and ACS Undergoing PCI: An Individual Patient-Level Meta-Analysis From Published KM Curves. *Journal of the American College of Cardiology* 2024, 83 (13), 1015. [https://doi.org/10.1016/S0735-1097\(24\)03005-5](https://doi.org/10.1016/S0735-1097(24)03005-5)
- (23) **Elkasaby, M. H.**; Nouh, A.; Abdelaziz, A.; Altobaishat, O.; Bakr, A.; Husain, M. A.; Diao, A.; Atia, A.; Yassin, M.; Ibrahim, A. A.; Al Hennawi, H.; Ali, S.; Abdelazeem, B. Transcatheter Tricuspid Valve Intervention Versus Guideline-Directed Medical Treatment in Patients With Tricuspid Regurgitation: A Reconstructed Time-to-Event Data and Pairwise Meta-Analysis. *Journal of the American College of Cardiology* 2024, 83 (13), 831. [https://doi.org/10.1016/S0735-1097\(24\)02821-3](https://doi.org/10.1016/S0735-1097(24)02821-3)
- (24) **Elkasaby, M. H.**; Elaraby, A.; Abdelaziz, A.; Nouh, A.; Husain, M. A.; Bakr, A.; Diao, A.; Atia, A.; Yassin, M.; Altobaishat, O.; Al Hennawi, H.; Ali, S.; Abdelazeem, B. Transcatheter Tricuspid Valve Intervention Compared to Isolated Tricuspid Valve Surgery in Tricuspid Regurgitation Patients: A Systematic Review and Meta-Analysis. *Journal of the American College of Cardiology* 2024, 83 (13), 1137. [https://doi.org/10.1016/S0735-1097\(24\)03127-9](https://doi.org/10.1016/S0735-1097(24)03127-9)
- (25) Elaraby, A.; Abdelaziz, A.; Elsayed, H.; Bakr, A.; Atta, K.; **Elkasaby, M. H.**; Ramadan, S. M.; Suppah, M.; Abdelaziz, M.; Ali, S.; Abdelazeem, B. Oral Anticoagulants Versus Vitamin K Antagonists in Patients With an Indication of Anticoagulants After TAVR: A Meta-Analysis of 21,446 Patients. *Journal of the American College of Cardiology* 2024, 83 (13), 986. [https://doi.org/10.1016/S0735-1097\(24\)02976-0](https://doi.org/10.1016/S0735-1097(24)02976-0)
- (26) Elaraby, A.; Abdelaziz, A.; Ellabban, M.; Bakr, A.; Atta, K.; **Elkasaby, M. H.**; Atia, A.; Suppah, M.; Abdelaziz, M.; Ali, S.; Abdelazeem, B. Efficacy and Safety of Esaxerenone for Essential Hypertension: A Systematic Review and Meta-Analysis of Randomized Controlled Trials. *Journal of the American College of Cardiology* 2024, 83 (13), 1771. [https://doi.org/10.1016/S0735-1097\(24\)03761-6](https://doi.org/10.1016/S0735-1097(24)03761-6)
- (27) Yassin, M.; **Elkasaby, M.**; Altobaishat, O.; Rashed, M.; Omar, I.; Mansour, M.; Khalefa, B. B.; Bani-Salameh, A.; Hasan, M.; Al Hennawi, H.; Abdelaziz, A. Balloon-Expandable Versus Self-Expanding Transcatheter Aortic Valve Implantation in Patients with Small Aortic Annuli: A Meta-Analysis of 6984 Patients. *JACC: Cardiovascular Interventions* 2024, 17 (4), S67. <https://doi.org/10.1016/j.jcin.2024.01.232>
- (28) Rashed, M. A.; **Elkasaby, M. H.**; Aly Yassin, M. N.; Abbas, A. W.; Fouad, M. A.; Mohamedy, M. A.; Hassan Seddik, A. M.; Altobaishat, O.; Al Hennawi, H.; Abdelaziz, A. Aggressive Hydration Versus Standard Hydration to Prevent Contrast-Associated Nephropathy After Coronary Angiography, Meta-Analysis. *JACC: Cardiovascular Interventions* 2024, 17 (4), S42. <https://doi.org/10.1016/j.jcin.2024.01.173>
- (29) **Elkasaby, M. H.**; Khalefa, B. B.; Yassin, M. N. A.; El-Hameed, M. M. A.; Elkoumi, O.; Al Hennawi, H. Two-incision versus Three-incision Implantation Technique of Subcutaneous Implantable Cardioverter Defibrillator: Systematic Review and Meta-analysis of 2076 Patients. *Pacing Clinical Electrophys* 2024, 47 (2), 281-291. <https://doi.org/10.1111/pace.14902>
- (30) **Elkasaby, M.**; Belal, M.; Bashir, M.; Saad, L.; Khalefa, B.; Yassin, M.; El-Hameed, M. A.; Almawas, S.; El-Gayar, R. Primary Repair Surgery Versus Staged Repair for Neonates with Symptomatic Tetralogy of Fallot: A Systematic Review and Meta-Analysis. *JACC: Cardiovascular Interventions* 2024, 17 (4), S60-S61. <https://doi.org/10.1016/j.jcin.2024.01.218>
- (31) **Elkasaby, M. H.**; Khalefa, B. B.; Yassin, M. N. A.; Alabdallat, Y. J.; Atia, A.; Altobaishat, O.; Omar, I.; Hussein, A. Transcatheter Aortic Valve Implantation versus Surgical Aortic Valve Replacement for Pure Aortic Regurgitation: A Systematic Review and Meta-Analysis of 33,484 Patients. *BMC Cardiovasc Disord* 2024, 24 (1), 65. <https://doi.org/10.1186/s12872-023-03667-0>
- (32) Khalefa, B. B.; Yassin, M. N. A.; Gonnah, A. R.; **Elkasaby, M. H.**; Hasan, M. T.; Altobaishat, O.; Bani-Salameh, A.; Rashed, M. A.; Mansour, M. A.; Al Hennawi, H. Self-Expandable Versus Balloon-Expandable Transcatheter Aortic Valve Replacement for Treatment of Patients With Small Aortic Annulus: An Updated Meta-Analysis of Reconstructed Individual Patient Data. *Cardiology in Review* 2024, 10-1097.
- (33) Gbreel, M. I.; Balata, M.; **Elkasaby, M. H.**; Hassan, M.; Becher, M. U. Cerebral-Embolic Protection Devices and TAVI. Could Neurological Complications Be Avoided? *Atherosclerosis* 2024, 399, 118689.
- (34) Gbreel, M. I.; Balata, M.; **Elkasaby, M. H.**; Hassan, M.; Becher, M. U. ASA vs. Clopidogrel vs. Anticoagulants Following Mitral Valve Repair: Network-Meta-Analysis. *Atherosclerosis* 2024, 399, 118688.

- (35) **Elkasaby, M. H.**; Elshahat, A. Can Antibiotics Inhibit the Growth of Abdominal Aortic Aneurysm? Meta-Analysis. *Atherosclerosis* 2024, 399, 118699.
- (36) **Elkasaby, M. H.**; Desouki, M. T.; AlQurm, A.; Elzankaly, O.; Elshahat, A.; Keshk, M.; Elkoumi, O. Thyroxine and Heart Transplantation: A Meta-Analysis of 65908 Patients. *Atherosclerosis* 2024, 399, 118756.
- (37) Mohamed Taha, A.; Mohamed, A.; Abdelglel Mohamed, Y.; Hamouda, E.; Ali, F. Y.; **Hamouda Elkasaby, M.**; Soliman, Y.; Nasir, Y.; Jaiswal, V.; Elrosasy, A. Direct Oral Anticoagulants versus Warfarin for Preventing Thromboembolic Events in Valvular Heart Diseases Associated Atrial Fibrillation: A Systematic Review and Network Meta-Analysis of Randomized Controlled Trials. *Circulation* 2023, 148 (Suppl_1). https://doi.org/10.1161/circ.148.suppl_1.12514
- (38) Hasan, M. T.; Hagrass, A. I.; Elkhrahy, M. N.; **Hamouda, M.**; Shada, N. M.; Hashem, S. M.; Al-kafarna, M.; Almadhoon, H. W.; Ragab, K. M.; Nourelden, A. Z.; Elsnhory, A. B. Effectiveness of Active Chest Tube Clearance Versus Conventional Chest Tube in Reducing Postoperative Complications After Cardiac Surgery: A Systematic Review and Meta-Analysis. *SN Compr. Clin. Med.* 2022, 4 (1), 177. <https://doi.org/10.1007/s42399-022-01257-3>
- (39) Bashir, M. N.; **Elkasaby, M. H.**; Belal, M. M.; Saad, L. M.; Khalefa, B. B.; Yassin, M. N. A.; El-Hameed, M. M. A.; Almawas, S. M.; El-Gayar, R. M. Outcomes of Primary Vs. Staged Repair in 4628 Neonates with Symptomatic Tetralogy of Fallot: A Systematic Review and Meta-Analysis. *Pediatr Cardiol* 2026, 47 (4), 1428-1438. <https://doi.org/10.1007/s00246-025-03949-8>

Other Specialties

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LANGUAGES

Arabic (Native) • English (Fluent)

REFERENCES

Dr. Mahmoud Balata, M.D., EECC

University Hospital of Bonn, Germany
Consultant of Internal Medicine and Cardiology |
Mentor
dr.mahmoud.balata@gmail.com

Dr. Ahmed Negida, MD, PhD

Virginia Commonwealth University, USA
Postdoctoral Scholar | Mentor
ahmed.said.negida@gmail.com

Wilbert S. Aronow, M.D., FACC, FAHA, FACP, FCCP, FASPC, AGSF, FGSA

Departments of Medicine, Westchester Medical Center and New York Medical College, Valhalla, NY, USA
Professor of Medicine, Division of Cardiology |
Mentor
wilbert_aronow@nymc.edu | wsaronow@aol.com

VOLUNTEER & COMMUNITY SERVICE

Volunteer — *Al-Azhar Medical Students' Association (AMSA)*

Dec 2019 – Present

- Member of the Standing Committee on Human Rights and Peace (SCORP).

- Participated in advocacy initiatives focused on health equity, refugee health, and patient rights in underserved communities.
- Promoted cultural sensitivity, inclusion, and peace-building through international workshops and collaborative events.

Community Volunteer — *Ramadan Iftar Distribution*

Jan 2017 – Present

- Contribute annually to organizing and distributing Iftar meals to underserved families during Ramadan.
- Support food packaging, logistics, and identifying households most in need.