

Identification

Name: Hussien Heshmat Mohamad Ali Kassem

Gender: Male

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Marital status: Married with children

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Current Position

- **DHA license under processing; consultant cardiology**
- **Director of Cardiac Services, As-Salam International Hospital, Cairo, Alameda Healthcare Group:**

As-salam hospital is the largest private JCI-accredited hospital in Egypt with 300-bed capacity. The cardiology service hosts two cathlabs, a non-invasive suite and a 6-bed chest pain unit. As an interventionist, I perform annually >200 diagnostic and interventional procedures as a primary operator. As a director of cardiac services, I overview the performance of cardiology consultants, specialists and technicians in the clinical, non-invasive and invasive domains. With the help of the quality department, we develop KPIs for the cathlab and the cardiac services. I moderate monthly educational meetings as well as morbidity/mortality meetings. I Work with the CMO and the CFO to prepare budget and capital investments. We also help the business development to boost volumes of procedures and promote new services. I am proud that my team shared actively in getting the hospital JCI accredited in September 2015.

While in charge of the department, we accomplished transforming the service to a team-based approach especially with cardiac surgeons to establish a heart-team. Our cathlabs perform annually>900 diagnostic and interventional procedures. In 2015, my team managed to shift from femoral to radial in the majority of coronary procedures. We managed to develop the service for primary PCI in acute MI to run 24/7 with a door to device time <90 minutes. We started a program for PCI in chronic total occlusions and introduced the FFR for the first time in the

facility. In 2016, we started a program of structural interventions for TAVR, left atrial appendage occlusion and closure of para-valvular leaks.

- **Associate Professor Cardiovascular Medicine, Kasr AlAiny School of Medicine, Cairo University.**

The cardiology department at Cairo university encompasses more than 100 cardiology beds and four cathlabs across three hospitals. The cathlabs perform annually >3000 diagnostic and interventional procedures. I conduct weekly clinical rounds with lecturers, residents and interns. We annually publish abstracts in international conferences. In addition to the weekly volume of diagnostic and interventional coronary procedures, duties include under-graduate lectures and post-graduate teaching. I am currently the supervisor of residents performance and training.

Education and Degrees

- Cairo University, Kasr Al-Aini Faculty of Medicine, Graduated 1995 grade "Excellent with honors".
- United States Medical License Exam and ECFMG certificate, 2000
- Master Degree in Cardiovascular Medicine, Cairo University, 2000, grade Excellent
- Doctorate Degree in Cardiovascular Medicine, Cairo University, 2006

Professional Work Experience

- Senior Specialist interventional cardiology, Sabah Al-Ahmad Cardiac Center, Amiri Hospital, Ministry of health, Kuwait (November 2013-February 2015): I performed 148 diagnostic procedures and 200+ PCI procedures as first operator. I worked on initiating the heart team and developing a database for the primary PCI program in the center. This was done alongside the regular clinical activities as an acting consultant in the CCU, ward and OPD.
- Consultant Cardiovascular Medicine, As-Salam International Hospital, 2008-...
- Consultant Cardiovascular Medicine, New Kasr Al-Aini Teaching Hospital, 2007-...
- Lecturer, Department of Cardiovascular Medicine, Cairo University, 2007- 2012
- Cardiology Registrar, Dar Al-Fouad Hospital, 2001-2004.
- Assistant Lecturer, Department of Cardiovascular Medicine, Cairo University, 2001-2006.
- Resident, Department of Cardiovascular Medicine, Cairo University, 1997-2000.
- Intern, Kasr Al-Aini Medical School, 1996.

Training and Scholarship

- Emergency Medicine and surgery, Hospital Rio Carreon, Palencia, Spain October 1994
- Peripheral vascular intervention course, Flanders Medical Research Center, Antwerp, Belgium, December 2001
- International Scholar in carotid artery stenting, Cleveland Clinic, Ohio, USA, July 2003
- Fellow on interventional neuro-radiology, focus on extracranial and intracranial stenting, Cerrah-Pasha Faculty of Medicine, Istanbul University, Turkey (December 2007-February 2008)
- Left atrial appendage training: St Jude training center, Brussels: 26 May 2016
- Rotational coronary atherectomy Center of Excellence Course Vienna Austria: 27-28 September 2016

Professional/Technical Skills

- Clinical Cardiology
- Critical cardiac care
- Adult transthoracic echocardiography
- Adult Transesophageal echocardiography
- Vascular ultrasound; extremities, carotid, renal and mesenteric
- Diagnostic cardiac catheterization
- Percutaneous coronary intervention
- Coronary fractional flow reserve
- Coronary rotational atherectomy
- Coronary intravascular ultrasound
- Carotid artery stenting
- Renal artery stenting
- Lower extremity percutaneous revascularization
- Percutaneous mitral balloon valvotomy
- Left atrial appendage occlusion

Academic and Research Activities

- Associate editor of The Egyptian Heart Journal: <http://www.egyheartjournal.com/en/>
- Executive editor, Heart Mirror Journal: site; www.heartmirror.com
- Invited Reviewer: Sultan Qaboos Medical University Journal
- Invited Reviewer Medical Science Monitor Journal, 2014
- Supervisor of 14 Master Degree Theses since 2007

- Supervised 10 PhD Theses since 2007
- Collaborator in the Egyptian Registry of carotid stenosis (2007)
- Collaborator in Kasr Al-Ainy Infective endocarditis project (2009-2013)
- Collaborator in the Asymptomatic Carotid Surgery Trial 2 (ACST-2). This trial is a large, simple international randomised trial directed by the Nuffield Department of surgical sciences, University of Oxford, UK.
- Member in the writing committee of the Egyptian Hypertension Guidelines, Egyptian Hypertension Society (2012-2014)
- Moderator of resident's training program, Cardiology Department (2009-2010) and 2016
- The Egyptian Cardiovascular Prevention Program; Delta-C Physician Education Program (2009)
- Examiner in the Egyptian Board of Cardiology 2013 and 2016

Prizes/ Awards

- Junior Cardio-Alex Award, Best intervention case, Egyptian Society of cardiology Summer meeting, Alexandria, Egypt. 2004
- Junior Cardio-Alex Award; best intervention case, Egyptian Society of cardiology Summer meeting Alexandria 2008
- Second prize, Combat MI conference, Cairo June 2009
- Best research abstract, Egyptian Society of Cardiology conference, Cairo 2010
- Junior Cardio-Alex Award; best intervention case, Egyptian Society of cardiology Summer meeting Alexandria 2011

Courses and Certifications

- **Mood Disorders**; accredited by University of Virginia, November 2009
- **Clinical Trial Management**; accredited by the Royal College of Physicians of UK, June 2012
- **Nutrition for Health Promotion and Disease Prevention**. University of California San Francisco. Coursera Verified Certificates, License EM6UYPZYQT. March 2013
<https://www.coursera.org/signature/certificate/EM6UYPZYQT>
- **Social Epidemiology**. University of Minnesota. Coursera Verified Certificates, License 6ZMAJTAABP. July 2013 <https://www.coursera.org/signature/certificate/6ZMAJTAABP>
- **Data Management for clinical research**. Vanderbilt University. Coursera Verified Certificates. November 2013
https://www.coursera.org/maestro/api/certificate/get_certificate?course_id=970271
- **Writing in the Sciences**. Stanford University, License Edx License number 2fac4d77e9fa47e8b55d4ad5fbcd56e8 November 2013.
<https://verify.class.stanford.edu/SOA/2fac4d77e9fa47e8b55d4ad5fbcd56e8/>

- **Fundamentals of Clinical Trials.** HSPH-HMS214x: Harvard University, License d059003b8b1240df836b514eac2eadb5 February 2014
<https://verify.edx.org/cert/d059003b8b1240df836b514eac2eadb5>
- **Statistical Reasoning for Public Health: Estimation, Inference, & Interpretation.** Johns Hopkins Bloomberg School of Public Health. Coursera Verified Certificates, License ZUDNX4MRFV March 2014
<https://www.coursera.org/signature/certificate/ZUDNX4MRFV>
- **Healthcare Innovation and Entrepreneurship:** Duke University. Coursera Verified Certificates. June 2014. <https://www.coursera.org/signature/certificate/HLBBLEL3YC>
- **Learning How to Learn: Powerful mental tools to help you master tough subjects.** University of California, San Diego. September 2014. <https://class.coursera.org/learning-001>
- **Data Analysis and Statistical Inference:** Duke University. Coursera Verified Certificates. License LP5232H7YF. November 2014
<https://www.coursera.org/signature/certificate/LP5232H7YF>
- **Framing: Creating powerful political messages:** SIFE Delft University of Technology. June 2015.
<https://s3.amazonaws.com/verify.edx.org/downloads/ea1bf8501c564ca4bc40f8bcf6d2cfd9/Certificate.pdf>
- **Reinvent yourself: Unleash your creativity:** May 2016. The University of Texas System.
<https://courses.edx.org/certificates/d865bdd107a34c2fa0f4bfbee84c3d8b>

International Published Papers

1. Comparison of early results of percutaneous metallic mitral commissurotome with Inoue balloon technique in patients with high mitral echocardiographic scores. Zaki AM, Kasem HH, Bakhoun S, Mokhtar M, El Nagar W, White CJ, El Guindy M. Catheterization and Cardiovascular Interventions Volume 57, Issue 3, Date: November 2002, Pages: 312-317 <https://www.ncbi.nlm.nih.gov/pubmed/12410505>
2. Value of duplex scanning in differentiating embolic from thrombotic arterial occlusion in acute limb ischemia. Mahmoud Farouk Elmahdy, Soliman Ghareeb Mahdy, Essam Baligh Ewiss, Kareem Said, H.H. Kassem, Waleed Ammar. Cardiovascular Revascularization Medicine 11 (2010) 223–226.
<http://fulltext.study/download/2837195.pdf>
3. Vascular ultrasound guided compression repair of post cardiac catheterization femoral artery pseudoaneurysms. Cardiovascular Revascularization Medicine, Volume 10, Issue 3, July-September 2009, Page 198
4. Delayed diagnosis of familial hypercholesterolemia: A case report of two patients from Egypt. Areej Ahmad Alkhateeb, Hussien Heshmat Kassem, Wasseem Amin Wahba, Magdy Ibrahim Algowhary. Journal of Clinical Lipidology 1 November 2013 (volume 7 issue 6 Pages 683-688 DOI: 10.1016/j.jacl.2013.08.002)
<https://www.ncbi.nlm.nih.gov/pubmed/24314368>

5. Comparison Between Ultrasound-Guided Compression and Para-Aneurysmal Saline Injection in the Treatment of Post Catheterization Femoral Artery Pseudoaneurysms Mahmoud Farouk ElMahdy, Hussien Heshmat Kassem, Essam Baligh Ewis, Soliman Gharieb Mahdy. The American journal of cardiology. 1 March 2014 (volume 113 issue 5 Pages 871-876 DOI: 10.1016/j.amjcard.2013.11.042)
<https://www.ncbi.nlm.nih.gov/pubmed/24411286>
6. Prevalence of Intracranial Atherosclerosis among Patients with Coronary Artery Disease: One-year Hospital Based Study. Abd-Allah F., Heshmat H., Hashad A., Shamloul R., Zaki A. Karger Eur Neurol 2014;71:326-330 (DOI:10.1159/000358055)
<https://www.ncbi.nlm.nih.gov/pubmed/24776926>
7. Real-Time Three-Dimensional Transthoracic Echocardiography for Predicting Mitral Annuloplasty Ring Size. Dina O. Labib, Hussien Heshmat, Ahmed H. Gaafar, Maged Salah, and Soliman G. Mahdy. Journal of Heart Valve Disease (<https://www.icr-heart.com/?cid=3904&g=3>)
8. Impact of Routine Cerebral CT Angiography on Treatment Decisions in Infective Endocarditis. Meshaal MS, Kassem HH, Samir A, Zakaria A, Baghdady Y, Rizk HH. PLoS ONE 10(3): e0118616. doi:10.1371/journal.pone.0118616
<http://journals.plos.org/plosone/article?id=10.1371/journal.pone.0118616>
9. Status Update and Interim Results from the Asymptomatic Carotid Surgery Trial-2 (ACST-2) DOI: <http://dx.doi.org/10.1016/j.ejvs.2013.07.020> European Journal of Vascular and Endovascular Surgery, November 2013 Volume 46, Issue 5, Pages 510–518
[http://www.ejves.com/article/S1078-5884\(13\)00502-9/abstract](http://www.ejves.com/article/S1078-5884(13)00502-9/abstract)
10. Anabolic Steroids and Testosterone Abuse; A Possible Cause Of Myocardial Infarction In Young Age. Hussien Heshmat, Rajaa Dashti, and Mohammed Aljarallah. Experimental & Clinical Cardiology journal (9 August 2014).
11. Development of tertiary cardiac care centre in Kuwait: Sabah Al-Ahmad cardiac centre model. Hussien Heshmat, Mohamad Al-Jarallah, Rajaa Dashti. DOI: <http://dx.doi.org/10.1093/eurheartj/suv047> E6-E7 First published online: 14 September 2015
12. Percutaneous mitral commissurotomy in a calcific valve with moderate incompetence. Hussien Heshmat, Mohamad Aljarallah, Rajaa Dashti and Hossam Mostafa. European Society of Cardiology, June 6th 2015. <http://www.escardio.org/Guidelines-&-Education/E%E2%80%93learning/Clinical-cases>
13. Impact of renal transplantation on cardiac morphological and functional characteristics in children and adults. World J Nephrol 2016 November 6; 5(6): 517-523. Sahier Omar El-Khashab, Eman El-Sayed Mohamed, Mahmoud A Soliman, Hussein Heshmat Kassem, Amin Roshdy Soliman.
https://www.ncbi.nlm.nih.gov/pmc/articles/PMC5099597/#_ffn_sectitle
14. The effect of ivabradine on functional capacity in patients with chronic obstructive pulmonary disease. Clinical Medicine 2016 Vol 16, No 5: 419–22 Kareem Mahmoud , Hussien Heshmat Kassem , Essam Baligh , Usama ElGameel , Yosri Akl and Hossam Kandil <http://www.clinmed.rcpjjournal.org/content/16/5/419.full>

15. Comparison of Safety and Effectiveness Between Right Versus Left Radial Arterial Access in Primary Percutaneous Coronary Intervention for Acute ST Segment Elevation Myocardial Infarction. Mahmoud Farouk Elmahdy, Mohamed ElMaghawry, Mohamed Hassan, Hussien Heshmat Kassem, Karim Said, Amr AbdelAziz Elfaramawy. Heart, Lung and Circulation (2017) 26, 35–40 <http://dx.doi.org/10.1016/j.hlc.2016.04.021>
[http://www.heartlungcirc.org/article/S1443-9506\(16\)30231-1/abstract](http://www.heartlungcirc.org/article/S1443-9506(16)30231-1/abstract)
16. Protective effect of Nebivolol on Doxorubicin-induced Cardiotoxicity in Rats. Enas Mohamad and Hussien Heshmat. Archives of internal medicine. 2017 (In-press)

Book Chapter

1. Yasser Baghdady, Hussein Hishmat and Heba Farook (2012). Role of Transthoracic Echocardiography in Visualization of the Coronary Arteries and Assessment of Coronary Flow Reserve, Echocardiography - New Techniques, Gani Bajraktari (Ed.), ISBN: 978-953-307-762-8, InTech, Available from:
<http://www.intechopen.com/books/echocardiography-new-techniques/role-of-transthoracic-echocardiography-in-visualization-of-the-coronary-arteries-and-assessment-of-coronary-Flow-Reserve>
2. Hussien Heshmat Kassem, FoadAbd-Allah and Mohammad Wasay (2014). Update on Carotid Revascularization: Evidence from Large Clinical Trials, Carotid Artery Disease - From Bench to Bedside and Beyond, Prof. Rita Rezzani (Ed.), ISBN: 978-953-51-1214-3, InTech, DOI: 10.5772/57153. Available from:
<http://www.intechopen.com/books/carotid-artery-disease-from-bench-to-bedside-and-beyond/update-on-carotid-revascularization-evidence-from-large-clinical-trials>
3. Femoral Artery Pseudoaneurysm; Current Diagnosis and Treatment. 3 December 2014. Hussien Heshmat and Mahmoud Farouq. Lambert Academic Publishing
<https://www.morebooks.de/store/gb/book/femoral-artery-pseudoaneurysms/isbn/978-3-8484-2100-8>

National Published Papers

1. E- Selection Gene Polymorphism and Coronary Artery Disease: A Genetic Association Study. Mona Ahmed Amin, Magdy Abdel Hamid, Hussien H.Kassem, Hanan Hosni Ahmed, Amal Mohamed Rashad, Sherif Abd El-Fattah Ibrahim. Heart Mirror J 2007; 1(2):57-62
2. Oxidized low density lipoprotein and carotid intima-media thickness in systemic lupus erythematosus patients; involvement of metabolic syndrome in insulin resistance and atherosclerosis. Tamer Gheita, Amal R. ElShehaby, Hussien H. Kassem, Mohamed Nasralla, Heba Hamdy and Mona Gamil. Egypt. Rheumatologist Vol. 30, No. 1, 2008;85-89
3. Prevalence of Endothelial Dysfunction in Uncomplicated Obesity versus Non-obese Persons. Vascular ultrasound study. Mohamed Z El Ramly, Yasser M K Baghdady,

Hussien H.Kassem, Wael K Mostafa, and M Mohsen Ibrahim. Heart Mirror J 2008; 2(1):18-23

4. High Gradient across the Aortic Prosthesis. Causes and Differentiation. Hussien Heshmat. Heart Mirror J 2009; 3(2)
5. Disease Outcome and Functional Capacity in Arthritic Patients and Heart Disease Patients. Yasser Ezzat, Wael Sadek, Safaa Sayed and Hussein Heshmat. Egypt. Rheumatologist Vol. 32, No. 1, Jan.-Jun. 2010: 1-19
6. Accuracy of Transthoracic Echo-Doppler in Identifying Patency of the LAD in Patients with Acute Anterior Myocardial Infarction. Hussien Heshmat, MD; Heba Farouk, MD; Yasser Baghdady, MD and Khaled Sorour, MD. Heart Mirror J 2012; 6(1) :27-32
7. Embolization During Carotid Artery Stenting. Hussien Heshmat. Heart Mirror J 2011; 5(3):368-373neuro
8. Atherosclerotic Risk Factors, Metabolic Syndrome and Subclinical Atherosclerosis In Patients With Suspected Obstructive Sleep Apnea. Hussien H. Kassem, MD, Noha Hassanein, MD, Ahmad E. Eltaweel, MD and Soliman Gharieb, MD. The Egyptian Journal of Hypertension and Cardiovascular Risk, April 2012.
9. Clinical and Echocardiographic Predictors of In-hospital Mortality in Patients with Infective Endocarditis. Hussien Heshmat, MD, Ahmad H Abdou, Mervat G Anany and Hussien H. Rizk. Heart Mirror Journal, June 2012.
10. Incidence and predictors of post-catheterization femoral artery pseudo-aneurysms. Hussien Heshmat, MD, Mahmoud Farouk Elmahdy, Essam Baligh Ewiss and Soliman Ghareeb Mahdy. Egyptian Heart Journal, Accepted July 2012, in press. Available online at <http://dx.doi.org/10.1016/j.ehj.2012.07.003>
11. Angiotensinogen Gene (M235T) Polymorphism and Coronary Artery Disease in the Egyptian Population. A genetic Association Study. Olfat Gamil Shaker, Heba Hamdy Eldemellawy, Hussien Heshmat Kassem. Heart Mirror J 2009; 3(2) :86-91
12. Detection of right sided heart changes and pulmonary hypertension in COPD patients. Medhat Soliman, Hussien Heshmat, Yousif Amen, Usama Elgameel Aboelhassan, Karim Mahmod. Egyptian Journal of Chest Diseases and Tuberculosis (2015) 64, 335–341. <http://dx.doi.org/10.1016/j.ejcdt.2014.12.004>
13. Quality of cardiopulmonary resuscitation of in-hospital cardiac arrest and its relation to clinical outcome: An Egyptian University Hospital Experience. Hesham S. Taha, Sameh W.G. Bakhoun, Hussein H. Kasem, Mera A.S.Fahim. The Egyptian Heart Journal (2015) 67, 137–143 <http://dx.doi.org/10.1016/j.ehj.2014.11.001>

International Conference Abstracts

1. Comparison between the metal valvulotome and Inoue balloon in mitral stenosis of different echocardiographic scores. European Society of cardiology. Amsterdam. August 2000.
2. The value of vascular ultrasound in management of acute limb ischemia. M. Elmahdy, S. Ghareeb, E. Baligh, H.Kamal, H.H.Kassem, K.Said, W.Ammar. European Society of vascular Surgery ESVS Madrid, 2007

3. New important parameters in differentiating embolic from thrombotic arterial occlusion in acute lower limb ischemia using duplex ultrasound arterial mapping. M. Elmahdy, S. Ghareeb, E. Baligh, H.Kamal, H.H.Kassem, K.Said, W.Ammar. British Society of interventional radiology (BSIR), 2007, Bournemouth, UK
4. Value of duplex scanning in differentiating embolic from thrombotic arterial occlusion in acute limb ischemia. Accepted in ESC congress 2007 (Vienna, Austria) and the 21st International Symposium on Endovascular Therapy 2009 (Florida-USA). Abstract Published in European Heart Journal 2007; 28 (Abstract Supplement): 72Abstract published in Journal of vascular and interventional radiology; JVIR 2009;20(12): 1651-1662
5. Correlation between Clinical Parameters, Blood Pressure Dipping, Highly Sensitive CRP Plasma Level and Carotid Intima-Media Thickness in Patients with Obstructive Sleep Apnea.N. Hassanein, H. Heshmat, A. ElTaweel, S. Ghareeb. Accepted European Respiratory Society congress, Barcelona (September 2010) Published Eur Respir J 2010; 36: Suppl. 54
6. Incremental value of the transthoracic Echocardiographic evaluation of the distal LAD flow over clinical markers in the diagnosis of reperfusion in patients with acute anterior STEMI.H. Farouk, H. Heshmat, A. Adel, K. El Chilali, Y. Baghdady, K. Sorour. European Society of Echocardiography conference, Copenhagen, Denmark (2010) Abstract accepted in European Society of Echocardiography Annual Meeting, Copenhagen, 2010. Abstract Published in the European Journal of Echocardiography, Abstracts Supplement, December 2010, ii152-ii153 doi:10.1093/ejechocard/jeq146
7. Agreement between 64 multislice computed tomography and conventional coronary angiography in the follow-up of left main coronary stenting using drug eluting stents. Ebeid H, Kasem H, Elkhashab K, Ghareeb S, Garot P, Lefèvre T, Morice M- CPCRC Asia Pacific, Singapore, 2011. Published in Eurointervention Journal, Volume 7 Supplement M on May 17, 2011
8. Fungal Endocarditis Clinical Characteristics and Risk Factors; A Prospective Cohort. Meshaal M S, Kassem Hussien H, Chu V H, ElAmragy A A , ElArousy W A, ElKholy A A, and Rizk H H. Accepted in the 11th International Symposium on Modern Concepts in Endocarditis and Cardiovascular Infections ISCVID, July 2011, Queensland, Australia
9. Routine Brain CT Angiography in Infective Endocarditis: Findings and Impact on Treatment Decisions. Meshaal M S, Kassem Hussien H, ElAmragy A A , Arousy W A, Elguindy M S, Saeed A S, and Rizk H H. Accepted in the 11th International Symposium on Modern Concepts in Endocarditis and Cardiovascular Infections ISCVID, July 2011, Queensland, Australia
10. First Report of Zoonotic Endocarditis in Egypt: High Prevalence of Brucella in Culture-Negative Endocarditis. M. Enany, H. Rizk, A. El-Kholy, E. Abdulrahman, H. Heshmat, K. Sorour, and S. Gharieb. International Congress of Infectious Diseases, Bangkok, Thailand, June, 2012. Int J Infect Dis 2012;16S1: 55.012

11. Correlation between Intra Renal Resistance Index and Target Organ Damage in Patients with Essential Hypertension, World Hypertension Congress, Istanbul June 2013
12. Cutoff values of procalcitonin and C-reactive protein to differentiate acute heart failure from pneumonia in patients with acute dyspnea. European Heart Failure Conference, June 2013
13. Routine Brain CT Angiography in Infective Endocarditis: Findings and Impact on Treatment Decisions. European Society of Cardiology August 2103
14. Pre-hospital and hospital delay in patients with non-ST elevation myocardial infarction/ unstable angina in a tertiary care center G Youssef, HH Kassem, HS Al Taaban and HH Rizk. European Heart Journal: Acute Cardiovascular Care 2014 3: 1 DOI: 0.1177/2048872614549721
15. Variations in the door to balloon time in a newly initiated primary PCI service. H Kasem, R Dashti and M A Aljarallah. European Heart Journal: Acute Cardiovascular Care 2014 3: 1 DOI: 0.1177/2048872614549721
16. Radial versus femoral access in a newly initiated primary PCI service H Kasem, I Elteby, R Dashti and MA Aljarallah. European Heart Journal: Acute Cardiovascular Care 2014 3: 1 DOI: 0.1177/2048872614549721
17. Quality of cardiopulmonary resuscitation and its relation to outcome during in hospital cardiac arrest in university hospital cardiology departments: The Egyptian experience. H S Taha, S W G Bakhoun, H H Kasem and M A Sabet. European Heart Journal: Acute Cardiovascular Care 2014 3: 1 DOI: 0.1177/2048872614549721
18. First diagnosis of cardiac morbidity in chronic obstructive pulmonary disease patients during exacerbation of their disease. K Mahmoud, H Kandil, E Baligh, H Heshmat, Y Akl and U Elgameel. European Heart Journal: Acute Cardiovascular Care 2014 3: 1 DOI: 0.1177/2048872614549721
19. Comparison between Kuwaitis and expatriates in clinical features and outcome of primary PCI for acute ST elevation MI. Eur Heart J Suppl (2015) 17 (suppl E): E8-E24 DOI: <http://dx.doi.org/10.1093/eurheartj/suv043>
http://eurheartjsupp.oxfordjournals.org/content/17/suppl_E/E8
20. Gender-related differences in the presentation, performance and outcome of primary PCI in a tertiary center in Kuwait. Eur Heart J Suppl (2015) 17 (suppl E): E8-E24 DOI: <http://dx.doi.org/10.1093/eurheartj/suv043>
http://eurheartjsupp.oxfordjournals.org/content/17/suppl_E/E8
21. Analysis of in-hospital delay components in patients with STEMI going for primary PCI in a single center. Eur Heart J Suppl (2015) 17 (suppl E): E8-E24 DOI: <http://dx.doi.org/10.1093/eurheartj/suv043>
http://eurheartjsupp.oxfordjournals.org/content/17/suppl_E/E8
22. The effect of ivabradine on improving exercise tolerance in chronic obstructive pulmonary disease patients. K Kareem Mahmoud; H Kandil; E Baligh; H Heshmat; Y Akl; U Elgameel. European Journal of Heart Failure (2015) 17 (Suppl. 1) 5–441 doi:10.1002/ehf.277

Conference Proceedings

Speaker

	Conference	Date	Title
	The Third Annual Peripheral Endovascular Course	November 2007	Carotid Stenting, the ideal scenario
	The 12th Annual Scientific Meeting of the Egyptian Echocardiographic working Group (EEWG)	October 2008	Complications of Endocarditis. Role of TEE
	CardioAlex 2008	June 2008	Junior CardioAlex Award
	The Egyptian Society Of Cardiology: the 5th Upper Egypt Meeting Of the WGTH	January 2009	Pericarditis; Diagnosis and Differential diagnosis
	The 13th Annual Scientific Meeting of the Egyptian Echocardiographic working Group (EEWG)	October 2009	Diastolic Dilemma. What to do with mitral valve disease.
	36th Annual Conference of the Egyptian Society of Cardiology	February 2009	Neuro-imaging in infective endocarditis
	Joint Annual Peripheral Vascular Conference	March 2009	Stenting in global cerebral ischemia
	Clinical Research: Design and conduction	April 2009	-Quality Control -Choosing Study Subjects And Sampling Procedures
	CardioAlex 2009	June 2009	Anatomy of the tricuspid valve
	Nightmares in the cathlab	June 2009	Aftermath nightmare. Migrating left main stent
	Egypt Combat MI 2010	April 2010	Best case award
	CardioAlex 2010	June 2010	Management of mitral incompetence with LV dysfunction
	Summer meeting of the Egyptian Hypertension Society	July 2010	Case presentation
	15 th Annual meeting of the working group of interventional cardiology	December 2010	The TIMI program, Risk Scores
	CME course, advances in CV medicine	May 2011	Supraventricular tachycardia
	CardioAlex 2011	June 2011	Junior CardioAlex Award
	Nightmares in the cathlab	June 2011	Good is the enemy of perfect. PCI in cardiogenic shock.
	ECTAS	February 2012	Echocardiography in the ICU
	CardioAlex 2012	June 2012	Echocardiography case presentation

	Egyptian society of cardiology	February 2013	Vascular Ultrasound clinical applications
	Primary PCI in Kuwait, Dar ElShefa Hospital	March 2014	Primary PCI in Sabah Al-Ahmad Cardiac Center

Chairman

	Conference	Date	Session Title
1	CardioAlex	June 2008	Peripheral Vascular intervention
2	Aswan Heart Center Science and Practice Series	January 2009	Neurological complications of Endocarditis
3	CardioAlex	June 2012	Peripheral vascular intervention