



FACULTY FULL NAME: Ghada Mahmoud Basiony Soltan

POSITION: Associated pro of cardiovascular medicine in cardiac technology
department

Personal Data

Nationality | Egyptian

Date of Birth | 9/12/1965

Department | Cardiac technology

Official IAU Email | gmsultan@iau.edu.sa

Office Phone No. | 31230

Language Proficiency

Language	Read	Write	Speak
Arabic	Very good	Very good	Very good
English	Very good	Very good	good
Others	-----	-----	-----

Academic Qualifications (Beginning with the most recent)

Date	Academic Degree	Place of Issue	Address
2002	M.D	Menofiya university	EGYPT
1996	MS	Menofiya university	EGYPT
1991	Bachelor of medicine & surgery	Menofiya university	EGYPT

PhD, Master or Fellowship Research Title: (Academic Honors or Distinctions)

PhD	Risk stratification of acute myocardial infarction comparative study between invasive and non invasive study
Master	Prevalence of ischemic heart disease in diabetic patients
Fellowship	



Professional Record: (Beginning with the most recent)

Job Rank	Place and Address of Work		Date
Associate prof of cardiovascular medicine		Cardiac technology department applied medical science IAU in Damman	From 4/9/2024
Prof of cardiology		In Cardiology department in Menofiya University Egypt	2019
Assistant prof of cardiology		In Cardiology department in Menofiya University Egypt	2014-2019

Administrative Positions Held: (Beginning with the most recent)

Administrative Position	Office	Date
Head of cardiology department	Cardiology department Menofiya university	Feb 2024

Scientific Achievements

Published Refereed Scientific Researches

(In Chronological Order Beginning with the Most Recent)

#	Name of Investigator(s)	Research Title	Publisher and Date of Publication
	Morad B. Mina, Ghada M. Soltan, Ehab R.M. Farahat* , Suzy S. Lasheen	Correlation between HbA1C and Coronary Artery Disease Severity in Prediabetic Patients Using SYNTAX Score	Received 12 October 2023; revised 15 February 2024; accepted 18 February 2024. Available online 5 October 2024. Menofiya Medical Journal .
	Neven Samy Ibrahim, MD, Ghada Mahmoud Soltan, MD. Mohamed Gamal Saadallah, MB BCh.	CAN PREOPERATIVE LEFT ATRIAL MECHANICAL FUNCTION PREDICT THE RISK OF ATRIAL FIBRILLATION AFTER CARDIAC SURGERY?	Journal of Cardiovascular Disease Research ISSN: 0975-3583, 0976-2833 VOL14, ISSUE02, 2023
	Mohamed El noamany, Tarek Khalil, Ghada Soltan, Naglaa Fahim, Mohamed Omran	Assessment of Right Ventricular Function in Patients with Cor Pulmonale: Strain Imaging Study	Cardiology and Cardiovascular Research 9/2021



Abdalla Mostafa Kamal, Mona Fikry Fathy, Ghada Mahmoud Soltan	Platelet to Lymphocyte Ratio as a Predictor of Infarct-Related Artery Patency in Patients Undergoing Primary Percutaneous Coronary Intervention	Published in Cardiology and Cardiovascular Research (Volume 5, Issue 2) Received: 15 April 2021 Accepted: 3 May 2021 Published: 14 May 2021
Hala Mahfouz Badran, Ghada Soltan, Eslam Eltahan, Magdi H Yacoub, Naglaa Faheem	Relation of atrial electromechanical delay to P-wave dispersion on surface ECG using vector velocity imaging in patients with hypertrophic cardiomyopathy	Annals of Noninvasive Electrocardiology 1/2021
Hala Mahfouz Badran, Naglaa Faheem, Amr Zidan, Magdi H Yacoub, Ghada Soltan	Effect of short-term l- thyroxine therapy on left ventricular mechanics in idiopathic dilated cardiomyopathy	Journal of the American Society of Echocardiography 1/10/2020
Mohamed Fahmy El- Noamany, Ghada Mahmoud Soltan, Naglaa Fahim Ahmed, Haitham Mohamed Omar El-Ahwal	Assessment of Right Atrial Function in Patients with First Inferior Myocardial Infarction with & Without Right Ventricular Involvement by 2D Speckle Tracking Echocardiography	Cardiology and Cardiovascular Research 7/2020
Hala Mahfouz Badran 1,* Ahmed Abdel Fatah 2, Ghada Soltan 1	Platelet/lymphocyte ratio for prediction of no-reflow phenomenon in ST- elevation myocardial infarction managed with primary percutaneous coronary intervention	J Clin Transl Res. 2020 Jul 8;6(1):20–26.
MF Elnoamany, GM Soltan, NF Ahmed, MF Elsebaiey	Echocardiographic Assessment of Right Ventricular Function in Haemodialysis Patients	SunText Review of Medical & Clinical Research 2020
Hala Mahfouz Badran, Waleed Abdou Ibrahim, Tamer Alaksher & Ghada Soltan	Impact of the left anterior descending artery wrapping around the left ventricular apex on cardiac mechanics in patients with normal coronary angiography	Egyptian heart journal June 2020



Hala Mahfouz Badran, Mohamed Fahmy Elnoamany, Ghada Soltan, Mohamed Ezat, Mohamed Elsedi, Raed Ahmed Abdelfatah, Magdi Yacoub	Relationship of mechanical dyssynchrony to QT interval prolongation in hypertrophic cardiomyopathy	European Heart Journal– Cardiovascular Imaging. 2012
Hala Mahfouz Badran1*, Waleed Abdou Ibrahim1, Tamer Alaksher2and Ghada Soltan	European Journal of Echocardiography Advance Access published December 20, 2011	December 2020The Egyptian Heart Journal 72(1)
Ghada Mahmoud Soltan, Niveen Ibrahim Samy, Aly Nasr Aly Mashal	Galectin 3 Level in Patients with Acute Coronary Syndrome and its Relation to Severity of Coronary Artery Disease	World Journal of Cardiovascular Diseases Vol.10 No.12, December 10, 2020
Mohamed Elsayed Shuman, Ahmed Abdallah Mostafa, Ghada Mahmoud Soltan, Abdalla Mostafa Kamal	Short Term Follow up for Diabetic Patients Presented with Acute STEMI Undergoing Preventive Versus Culprit Lesion in Primary Percutaneous Coronary Intervention	Published in Cardiology and Cardiovascular Research (Volume 3, Issue 4) Received: 2 November 2019 Accepted: 23 November 2019 Published: 4 December 2019
Hala Mahfouz Badran MD, FESC, Ghada Soltan MD, Reda Almeleigi MSc, Naglaa Faheem MD, Magdi H. Yacoub MD	Prognostic significance of left ventricular end diastolic pressure using E/E' in patients with hypertrophic cardiomyopathy	Echocardiography. A journal of multimodality of cardiovascular imaging -First published: 19 November 2019
Ghada Mahmoud Soltan, Neveen I. Samy, Safwat Essam Ahmed, Wassam EIDin Hadad ELShafey	Association of the Monocyte to HDL Cholesterol Ratio with Thrombus Burden in Patients with Acute Coronary Syndrome	World Journal of Cardiovascular Diseases Vol.9 No.10, October 23, 2019
H Badran, G Soltan, A Belal	Relation of thyroid hormones level to the extent of myocardial injury in patients with acute coronary	EUROPEAN HEART JOURNAL, 10/2019
Hala Mahfouz Badran, Ghada Soltan, Naglaa Faheem, Mohamed Ezzat Enait, Magdi H. Yacoub	Right Ventricular Mechanical Changes after Septal Myectomy for Obstructive Hypertrophic Cardiomyopathy: Vector Velocity Imaging Study	World Journal of Cardiovascular Diseases Vol.9 No.7, July 31, 2019



Hala Mahfouz Badran, Ghada Soltan, Walid Abdou, Tamer Alakshar	Impact of Left Anterior Descending Artery Wrapping Around the Left Ventricular Apex on Cardiac Mechanics in Patients with Normal Coronary Angiography	EUROPEAN JOURNAL OF HEART FAILURE 5/2019
MF Elnoamany, HM Badran, GM Soltan, M Yacoub	Relationship of mechanical dyssynchrony to QT interval prolongation in hypertrophic cardiomyopathy	European Heart Journal 8/2018
Alaa M. Yassera Hala M. Badrana , Ghada M. Sultana , Naglaa F. Ahmeda	Left ventricular deformation in idiopathic- dilated cardiomyopathy: a two-dimensional strain imaging	Menoufia Medical Journal 2018, 31:372–377
Ahmed Y. Salemb Hala Mahfouza , Ghada M. Soltana	Hala Mahfouz Badran Factors affecting the prognosis of hypertrophic cardiomyopathy disease	Menoufia Medical Journal, 2018
Alaa A labeeb Dalia A. Nofal, Ghada M. Soltan Samar G. Soliman, Menoufia Universit	Intima media thickness measurement as a marker of subclinical atherosclerosis in systemic lupus erythematosus patients	Menoufia Medical Journal 2018
alaa F Abd Alaziz, Mohamed F El Noamany, Ghada M Soltan, Mohamed O Taha, Ahmed H Al Sayed Soliman	Assessment of left ventricular performance in patients with aortic regurgitation: a strain rate imaging study	Menoufia Medical Journal 2017
Hala Mahfouz Badran1, Ahmed Magdy kamal Eldin2, Ghada Mahmoud Sultan1, Mohamed Osama Said El-Alem1	Acute Coronary Syndrome Registries	Stem cell .2017
Alaa Solaiman Algazzar a. M.A. Moharram b, Azza Ali Katta a, Ghada Mohamed Soltan b, Walaa Farid Abd ElAziz b	Early effects of right ventricular pacing on the left ventricle in single-chamber and dual- chamber pacemakers	Menoufia Medical Journal 2016



Hala Mahfouz Badran, Ghada Soltan, Nagla Faheem, Mohamed Fahmy Elnoamany, Mohamed Tawfik, Magdi Yacoub	Aortic biomechanics in hypertrophic cardiomyopathy	Global Cardiology Science and Practice 2015
Alaa Solaiman Algazzar a. M.A. Moharram b, Azza Ali Katta a, Ghada Mohamed Soltan b, Walaa Farid Abd ElAziz b	Comparison of early effects of right ventricular apical pacing on left ventricular functions in single and dual chamber pacemakers	The Egyptian Heart Journal Volume 67, Issue 2, June 2015, Pages 129-135
Soltan, Ghada M.; Badran, Hala M.; and Alrefaey Atwa, Mohammed A	Atrial septal def trial septal defects: clinical pr ects: clinical presentation and r esentation and recent appr eent approach in oach in its diagnosis and treatment	Menoufia Medical Journal 2014
H Badran, MF Elnoamany, G Soltan, M Ezzat, M Elsedi, R Abdelfattah, M Yacoub	Relationship of mechanical dyssynchrony to QT interval prolongation in hypertrophic cardiomyopathy	EUROPEAN JOURNAL OF HEART FAILUE..., 2013
Hala Mahfouz Badran ^{1,2} , Ghada Soltan ¹ , Hesham Hassan ¹ , Ahmed Nazmy ¹ , Naglaa Faheem ^{1,2} , Haythem Saadan ¹ and Magdi H. Yacoub ^{2,3}	Changes in left atrial deformation in hypertrophic cardiomyopathy: Evaluation by vector velocity imaging	Global Cardiology Science and Practice 2013
Hala Mahfouz Badran ^{1*} , Mohamed Fahmy Elnoamany ¹ , Ghada Soltan ¹ , Mohamed Ezat ¹ , Mohamed Elsedi ¹ , Raed Ahmed Abdelfatah ¹ , and Magdi Yacoub ²	Relationship of mechanical dyssynchrony to QT interval prolongation in hypertrophic cardiomyopathy	European Journal of Echocardiography Advance Access published December 20, 2011
H Badran, M Elnoamany, G Soltan, M Ezat, M Elsed, M RAED Abdelfatah, MH Yacoub	Relationship of QT prolongation to mechanical dyssynchrony in hypertrophic cardiomyopathy	European Heart Journal 8/2011



#	Name of Investigator(s)	Research Title	Journal	Acceptance Date
	Ghada Soltan M.D. Asmaa Kenawy M.D. Asmaa atef Mohammadi MBBCH	Predictive value of non – high density lipoprotein cholesterol to high density lipoprotein cholesterol ratio for coronary collateral circulation in chronic coronary total occlusion	Menofiya Medical Journal	14/9/2024

Scientific Research Papers Presented to Refereed Specialized Scientific Conferences

#	Name of Investigator(s)	Research Title	Conference and Publication Date

Completed Research Projects

#	Name of Investigator(s) (Supported by)	Research Title	Report Date

Current Researches

#	Research Title	Name of Investigator(s)
	Characteristics of angiographic finding in patients with coronary artery disease	Ghada Soltan, Hala Badran , Awni Shalaby ,Sara Sad
	Role of Hb A1c in prediction of high risk plaque and plaque extent by MSCT	Ghada Soltan, Neven Samy Mohamed Gaber

Contribution to Scientific Conferences and Symposia

#	Conference Title	Place and Date of the Conference	Extent of Contribution
	Cardio delta	In EGYPT	CHIRE PERSON
	CARDIO ALEX	IN ALEX	CHAIRE PERSON



MONTHLY SCIENTIFIC DAY IN CARDIOLOGY DEPARTMENT IN MENOFIYA UNIVERSITY	LEARNING STUDIO IN FACULTY OF MEDICINE	CHAIRE BORD, COORDENATOR AND SPEAKER
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Membership of Scientific and Professional Societies and Organizations

- Egyptian society of cardiology
- European society of echo cardiography

Teaching Activities

Undergraduate

#	Course/Rotation Title	No./Code	Extent of Contribution (no. of lectures/Tutorials. Or labs, Clinics)
	Cardiology for under graduate		10 Lectures and 10 clinics
	Cardiology for post graduate		15 lectures

Brief Description of Undergraduate Courses Taught: (Course Title – Code: Description)

Cardiovascular diseases (valvular heart disease , ischemic heart disease,cardiomyopathy Pulmonary disease, hypertensive heart disease, pericardial disaes

Postgraduate

#	Course/Rotation Title	No./Code	Extent of Contribution (no. of lectures/Tutorials. Or labs, Clinics)
1	Guide lines and advanced management of cardiovascular disease		15 lectures, 5 tetorial , 10 labs
2	Advanced Echo & cath		15 labs , 5 lectures

Brief Description of Postgraduate Courses Taught: (Course Title – Code: Description)

1	The update in cardiovascular medicine
2	New guide lines new therapy for cardiac disease

Course Coordination

#	Course Title and Code	Coordinati on	Co-coordination	Under grad.	Postgrad .	From	To
	Cardiovascular disaes				Post	2012	2022



Echo course		Co coordination				

Guest/Invited Lectures for Undergraduate Students

#	Activity/Course Title and Code	Subject	College and University or Program	Date

Student Academic Supervision and Mentoring

#	Level	Number of Students	From	To
	under	5	2002	2024
	Post grad	5	2002	2024

Supervision of Master and/or PhD Thesis

#	Degree Type	Title	Institution	Date
	MS	Prediction of high risk plaque & plaque extend by MSCT	Faculty of medicine Menofia university	2019
	MD	Impact of wachman Device in occlusion of LA Appendage in prevention of AF	Faculty of medicine Menofia university	2019

Ongoing Research Supervision

#	Degree Type	Title	Institution	Date
	Master degree	Predictive value of left bundle branch block on Electro-cardio-gram for severity of coronary artery disease in patient undergoing coronary angiography	Faculty of medicine Menofia university	2023
	M.D.	Impact of dapagliflozin on left ventricular mechanics in patient with idiopathic dilated cardiomyopathy	Faculty of medicine Menofia university	2021



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Administrative Responsibilities, Committee and Community Service (Beginning with the most recent)

Administrative Responsibilities

#	From	To	Position	Organization

Committee Membership

#	From	To	Position	Organization

Scientific Consultations

#	From	To	Institute	Full-time or Part-time

Volunteer Work

#	From	To	Type of Volunteer	Organization
	2020	2024	Trainer of echo cardiography in echo work shop	
	2010	2022	Lecturer to non medical subject in defferent forum	



Personal Key Competencies and Skills: (Computer, Information technology, technical, etc.)

1	Computer skills
2	Courses in leadership

Last Update

.....22../...10../2024