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PERSONAL INFORMATION

Date of Birth July 27th, 1960
Place of Birth Beirut, Lebanon
Citizenship Lebanese, French

Order of Physicians N°132/gh NSSF N° 85/2001

Social Status Married Nassima Zahar, 1986

Children Joe, 1988; Tatiana, 1991; Paola, 1995

Languages Fluent in written and oral Arabic, French & English

Activities Master in Martial Arts, Hiking, Skiing, Car Racing, Running,

Cycling, Tennis, Swimming, Writing

EDUCATION

1978 Lebanese Baccalaureate – College La Sagesse, Ashrafieh, Beirut

1985 M.D. St. Joseph University, Beirut, Lebanon

POST DOCTORAL DIPLOMAS

1987 Foreign Medical Graduate Examination in the Medical Sciences

(FMGEMS) "Clinical Component"

1988 Diplôme Interuniversitaire de Spécialisation (DIS) in Cardiology

(with distinction), University Paris V University Diploma in Cardiac Echo Doppler, University Paris VI

1989 University Diploma in Congenital Heart disease, University

Paris XII

OTHER RRELEVANT DIPLOMAS

1992	Formation sur les Endoprotheses Coronaires, June 1992
1998 2000	Course in Advanced Endovascular Therapies, Lenox Hill, NY, May 1998 Course-on Finance and Markets, Ecole Supérieure des Affaires (ESA), Beirut, Lebanon
2001	Course on Cardiovascular Radiation Therapy, Washington Hospital Center, February 2001
2004	Golden Belt Award - Master in Martial Art (TaeKwon-Do)
2010	Certificate of Completion the NIH Web-based training course Human Research Participants". Certification Number 457939, 06/06/2010
2011	Certificate of completion of the ACC Cath Self Assessment Program 3
2012	Certificate of Completion Transcatheter Heart Valve Training Program, Edwards Lifesciences, Geneva-Nyon, June 201
2014	Certificate of Completion the NIH Web-based training course "Protecting Human Research Participants". CertificationNumber 1436421, 03/26/2014
2015	Certificate of Attendance for LOTUS Valve System, Face to Face Training Institute for Advancing Science, May 2015
RESIDENCY	
1985-1986	Department of Cardiology, Pr. Acar, Tenon Hospital, Paris, France Cardiac Surgery Unit, Pr. Guilmet, Foch Hospital, Paris, France
1986-1987	Department of Cardiology, Pr. Acar, Tenon Hospital, Paris, France Department of Cardiology, Drs. Lenormand-Lancelin, Mignot Hospital, Versailles, France
1987-1988	Department of Cardiology, Pr. Acar, Tenon Hospital, Paris, France Department of Cardiology, Pr. Grosgogeat, Jean Rostand Hospital, Ivry, France
1988-1989	Cardiac Echo Doppler and Cardiac Catheterization Labs,

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Department of Cardiology, Pr. Acar, Tenon Hospital, Paris, France Department of Congenital Heart Disease, Pr. Kachaner, Necker Hospital, Paris, France Division of Cardiology, American Hospital of Paris, France

FELLOWSHIP

1989–1992 Attending, Haemodynamic and Interventional Cardiology Unit, Pr. Vahanian, Tenon Hospital, Paris, France

1992 Visitor Attending, Interventional Cardiology, Pr Marco, Toulouse, France

DIAGNOSTIC & INTERVENTIONAL CATHETERIZATION TRAINING

Coronary angiogram (femoral & humeral)	1500
Percutaneous coronary angioplasty	400
Percutaneous mitral commissurotomy	340
Aortic dilatations	28
Pulmonary dilatations in adults	4
Intra-aortic balloon counter-pulsation	N/A

Active participant in several international trials in acute myocardial infarction; such as, European cooperative study group in angioplasty post-thrombolysis – RESCUE, GUSTO I

Cardiac Echo Doppler

Trans-thoracic echocardiography 7000 Trans-esophageal echocardiography 800

CLINICAL PRACTICE

1978	Para-military medical experience (During the Lebanese war)
1993	First percutaneous mitral commissurotomy in Lebanon
1994	First intra-coronary stent in Lebanon
1998	First carotid stent in Lebanon
1999	First program of atrial septal defect closure with percutaneous devices
2000	First Intra-vascular ultra sound program in Lebanon
2001	Introducing a brachytherapy program at Rizk Hospital, Beirut, Lebanon
2011	Team coordinator for the $1^{\rm st}$ implantation of a Left Ventricular Assist Device (HeartMate II) in Clemenceau Medical Center, Beirut.
2012	National Coordinator for the Trans-Catheter Aortic Valve Implantation (TAVI) program for Edwards Lifesciences

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2012	First Trans-catheter Aortic Valve Implantation in Lebanon, July $17^{\rm th}$ @ UMCRH-Rizk Hospital
2012	First Lebanese Post-Marketing Bioresorbable Stent Program (BVS ABBOTT Vascular). UMCRH-Rizk hospital, November 20.
2012	First Chronic Total Occlusion Angioplasty by Retrograde Technique Program in Lebanon. December 2012
2013	Launching a Rotational Atherectomy program @ UMCRH. July 4.
2015	First MitraClip Program in Lebanon, January 27th @ LAUMC-Rizk Hospital

INTERVENTIONAL CARDIOLOGY PRACTICE (January 1993 → December 2017)

Percutaneous coronary angioplasty	>6000
Coronary stenting	>12 000
IVUS procedures	>300
Percutaneous mitral commissurotomy	350
Pulmonary dilatations	85
Aortic/Coaractation dilatations & stenting	22
Carotid stenting	25
Percutaneous patent ductus arteriosis closure	35
Percutaneous ASD & PFO closure	75
TAVI	50
Mitra Clip	5
Alcohol Ablation	10

MEDICAL SOCIETIES

1990	Associate member of the French Society of Cardiology
1991	Member of European Society of Cardiology
1992	Member of the Lebanese Society of Cardiology
1996	Founding member of the Pan-Arab Society of Interventional Cardiology
1997	Member of the International Society of Cardiovascular Interventionist
2006	Member of the American College of Cardiology
2003-2005	President Elect of the Lebanese Society of Cardiology
2005-2007	President of the Lebanese Society of Cardiology
2006	Fellow of the European Society of Cardiology
2007	Fellow of the American College of Cardiology

ADMINISTRATIVE, ACADEMIC & PROFESSIONAL APPOINTMENTS

1993-2010	Chief of Interventional Cardiology Unit - Rizk Hospital, Beirut, Lebanon
1993- 2000	Voluntary Work as a Cardiologist at the "Ordre De Malte Community Health Center – Roum, Jezzine".
1997	Member of the executive committee of the Lebanese Society of Cardiology
1999	Re-elected member of the executive committee of the Lebanese Society of Cardiology (LSC)
1999	Founding member / secretary of the Association Franco-Libanaise de Cardiologie
2001	National coordinator of the working group of Interventional Cardiology–Lebanese Society of Cardiology
2001	Coordinator of the 1st Lebanese Interventional Coronary Registry (LICOR)
2002-2008	Chairman of Medical Committee - Rizk Hospital, Beirut, Lebanon
2002-2005	Chairman of Internal Medicine Department – Rizk Hospital, Beirut, Lebanon
2004-2007	Member of the Board of Governors – Rizk Hospital, Beirut, Lebanon
2004-2009	Board Member of Toufic Rizk Foundation, Beirut, Lebanon
2004-2010	Member of many expert committee for medico-legal cases review to the Lebanese Order of Physicians and other legal instances
2005-2010	Chief of Cardiology Division – Rizk Hospital, Beirut, Lebanon
2008- 2009	Chief of executive medical committee – Rizk Hospital, Beirut, Lebanon
2009-2010	Member of the Assessment Committee for UMCRH
2009	Lebanese-American University (LAU) Founding Faculty
2009	Cardio-Vascular Research Group Member – LAU
2011-now	Associate Professor, Chief of Cardiology at the University Medical Center Rizk Hospital
2011	Strategic Plan for a HEART CENTER at UMCRH
2012	Coordinator of the Grand Round Program, UMC-RH
2012	Strategic Plan for "The Heart & Vascular Institute" at UMCRH

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2016	Appointed as Chief Medical Officer LAUMC-RH
2016-17	Member of the Steering Committee for the Strategic Plan Development: LAU SOM & LAUMC-RH.
2016-17	Chair of the Steering Committee for the Medical Practice Plan Development: LAU SOM & LAUMC-RH.
2017	Promoted Full Professor in Clinical Cardiology, LAU SOM. September 16
TEACHING A	PPOINTMENTS
1995-2009	Lecturer, Clinical and Bedside Teacher for Interns, Residents and Fellows Rizk Hospital – Lebanese University
1998-2009	Mentoring the Invasive Cardiology Training Program for Cardiology Fellows, Rizk Hospital – Lebanese University
1996-2009	Mentoring many Doctorate (4), thesis and articles for medical students – Lebanese University & Saint-Joseph University
2010	Appointment as Associate Professor of Clinical Medicine & Head of Cardiology at the Lebanese American University/University Medical Center Rizk Hospital
2010	Consultant & Coordinator of the Cardiology Module for Med 2 students at LAU-SOM
2011	Faculty Member at International Cardiology Meetings: EuroPCR (Europe), Complex Cardiovacsular Catheter Therapeutics C3 (USA), GulfPCR (Gulf), TCT (USA)
2011-2012	National Trainer for the American College of Cardiology Self Assessment Program 7
2012	Clerkship Director for Med. III & IV Students, LAUSOM. Cardiology Cycle of conferences for Med III & Med IV students, LAU
2012	Partnership with Boston Scientific who choose the Cardiology Division at UMCRH, as a center of excellence for physicians training in Middle East & North Africa region.
2014	Director of the Cardiology Rotation in the LAUMC Residency Program
2014	Workshop Leader on Complex coronary interventions with IVUS & Roatablator Hands-on, Group of 20 Iraqi cardiologists sponsored by BS, LAUMC-RH, Nov28
2017	Establishing a Cardiology Fellowship Program at LAU Medical Center – Rizk Hospital; September 2017

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SPONSORED TRAINEES

1995-2011	Guiding many Doctorate thesis for Lebanese University & Saint Joseph University students
2003	Akl Maya, Dr. Maalouf J., Mayo-Clinic, Rochester, Minnesota, USA
2006	Antoine Helou, Fellow in cardiology,American University Hospital, Beirut, Lebanon
2007	Adel Dimassi, Pr. Bourlon JM., Centre Cardio-Thoracique de Monaco, Monaco, France
2008	Allam Bashir, Pr Lafont, EAPCI fellowship, Centre Georges Pompidou, Paris,
2009	Joseph Abdo, Pr Lafont, EAPCI fellowship, Centre Georges Pompidou, Paris,
2011	Maroun Soueidy, Hopital Bichat, DFMS-Cardiologie, Paris, France
2011	Clinical Mentor for Continuity Experience Clerkship – Med 2/Med 3 Students. LAU-SOM
2012	Mohammad Baba, AUBMC, Fellowship in Cardiology
2012	Sabine Keyrouz, fellow at AUBMC, DFMS Interventional cardiology training in France
2012	Doctorat Thesis Guidance: "Long Term Result after a Percutaneous Mitral Commissurotomy"Ali Serhal, Dany Mouarbes & Ahmad Hajjar, LU
2012	Elective training in Cardiology at United Health Service, NY. Nabil Braiteh & other Med 4 LAU Student

ORGANIZATIONAL ACTIVITIES & BOARD COMMITTEES

1994	Member of the scientific committee of the IInd International Congress of the Lebanese Society of Cardiology
1996	Member of the scientific committee of the IIIrd International Congress of the Lebanese Society of Cardiology
1998	Member of the scientific committee of the IVth International Congress of the Lebanese Society of Cardiology
2000	Chairman of the scientific committee of the Vth International Congress of the Lebanese Society of Cardiology

2001	Chairman of the scientific committee of the Vth Meeting of the Pan Arab Society of Interventional Cardiology
2001	Member of the organizing committee des "Premières Journées Francophones de Prévention Cardio-vasculaires"
2002	Advisory Board member for scientific activities – Aventis, Lebanon
2003	Member of the organizing committee of the Middle East Cardio-Stim, Beirut
2003	Advisory Board member for scientific activities – Sanofi Synthelabo, Beirut 2006 Advisory Board member for practice evaluation in interventional cardiology, Mednet insurance group
2006	Advisory Board member for scientific activities – Sanofi Aventis, Beirut
2007	Middle East Advisory Board member for business development- Abbott Vascular
2007	Organizing and Chairing the LSC WG of Interventional Cardiology-GACI Session at Euro-PCR 2007, Barcelona, Spain
2009	National Coordinator for LSC National Registries
2009	Advisory Board member for scientific activities – Astra-Zeneca, Beirut
2009	Advisory Board member for scientific activities – Novartis, Beirut
2009	Organizing and Lecturing in the LSC WG of Interventional Cardiology Session at the Euro-PCR 2009: "Dealing with critical situations in the cathlab", Barcelona, Spain
2009	Scientific Committee member of the 3rd LCR, Beirut, Lebanon
2009	Advisory Board member for Prasugrel, Elly-Lilli, Beirut, Lebanon
2009	1st Intercontinental Advisory Board for Multag, Sanofi-Aventis, Rio De Janeiro
2010	Grader for Clinical Case Submission for Euro-PCR 2010
2010	Organizing and Chairing the LSC WG of Interventional Cardiology- Indian WG of Interventional Cardiology Joint Session at Euro-PCR 2010: "Drug-eluting stent: very late catch up of events?" Barcelona, Spain
2010	Member of the SPEAK Academy for Dabigatran, Bohringer.
2011	Grader for Clinical Case selection at Euro-PCR 2011
2011	Advisory Board member for Ticagrelor, AstraZeneca, May 2011, Beirut

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2011	Organizing and Lecturing: the LSC WG of Interventional Cardiology- Danish WG of Interventional Cardiology Joint Session at the Euro-PCR 2011: "Complex Multi-Vessels Disease Management", Paris, France
2011	Advisory Board + Writing committee + Press Conference: Centralized Pan Levant Survey on the Under treatment of Hypercholesterolemia (CEPHEUS), Amman, July 2011
2011	Member of the organizing committee of the Lebanese Course on Revascularization 2011
2011	Third Middle-East & Africa Expert CV Group Board Meeting for Merck. Rome.
2012	Grader for Clinical Case selection at Euro-PCR 2012
2012	General Secretary of the "Association Franco-Libano-Belge de Cardiologie"
2012	2nd Advisory Board meeting for Ticagrelor, Astra-Zeneca, Beirut, February
2012	Advisory Board meeting for Twynsta – Bohringer, Beirut, March
2012	Advisory Board Member for ORIGIN Trial Launch (Outcome Reduction with Initial Glargine Intervention in high risk CV patients), Sanofi, Beirut, April
2012	Organizing and Lecturing: the LSC WG of Interventional Cardiology- Danish WG of Interventional Cardiology Joint Session at the Euro-PCR "Special Issues in Left Main Stenting", Paris, May 2012
2012	Advisory Board Member for Ticagrelor Launching Event, Beirut, June 21
2012	SPEAK ACADEMY Member, Dabigatran-Bohringer, Beirut June 23.
2013	SPEAK ACADEMY Member, Dabigatran-Bohringer, Beirut March 2013.
2013	Grader for Clinical Case selection at Euro-PCR 2013
2013	Organizing and Lecturing: the LSC WG of Interventional Cardiology Egyptian WG of Interventional Cardiology Joint Session at the Euro PCR "TAVI & CAD", Paris, May 2013
2013	Chairing Sessions & Jury Member for the best Poster & Challenging Cases C3 meeting, Orlando June 2013
2013	Advisory Board Member for Rivaroxaban-Bayer, Beirut, June 27
2013	Advisory Board Member for Acute Heart Failure, Novartis, Beirut July 4
2013	Abstract Reviewer for the TCT, San-Francisco, November 2013

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2013	Abstract Reviewer for the American College of Cardiology meeting,
2013	Advisory Board Member for Bellapharma Group, Beirut, Sep. 2013
2013	Advisory Board Meeting for Ticagrelol, AZ, Beirut, Nov. 2013
2013	Council Committee Member, Human Rights Watch, Beirut office
2013	Advisory Board Member for Acute Heart Failure, Novartis, Beirut Nov.28
2013	IVth Middle-East & Africa Expert CV Group Board Meeting for Merck. Istanbul December 8
2014	Mednet/MedGlobe Cardiovascular Advisory Board Member, since 2009
2014	Advisory Board for Hypertension, Sanofi, Beirut March 2014
2014	Grader for Clinical Case selection at Euro-PCR 2014
2014	Certificate of Appreciation for Continuous Support & Involvement C3 Meeting, Orlando USA June 23-27 Advisory Poord for Hypothesian, Sanofi, Poirut October 2014
2014	Advisory Board for Hypertension, Sanofi, Beirut October 2014
2014	Advisory Board Member for Acute Heart Failure, Novartis, Beirut Oct.2014
2014	Advisory Board for ACS Management, Astra-Zeneca, Beirut, Oct. 2014
2014	Abstract Reviewer for the American College of Cardiology meeting 2015
2015	Grader for Clinical Case selection at Euro-PCR 2015
2015	Advisory Board Committee for Hypertension, Takeda, April 18
2015	EEMEA Cardiovascular Advisory Board-MSD.
2015	Advisory Board Meeting for Ticagrelol, AZ. May 2015
2015	Advisory Board Meeting, Xarelto, Bayer, November 2015
2015	Abstract Reviewer for the American College of Cardiology meeting 2016
2016	Grader for Clinical Case selection at Euro-PCR 2016
2016	MEA ACS Treatment Approaches & Options, Advisory Board Meeting AZ, Dubai, February 18.
2016	NOAC Update and Impact; Advisory Board Meeting Bayer, Beirut, June 3.
2016	TAKEDA Advisory Board Meeting for DPP4 & Glitazone on Cardio Vascular Outcome. Beirut, June 5.

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2010	Article Reviewer for the Lebanese Medical Journal.
2017	Advisory Board Meeting for AZ Diabetes Line, April
2017	Advisory Board Meeting for Boehringer Diabetes Line, June
2017	Advisory Board Meeting for Bayer, Atrial Fibrillation Speakers Meeting, July
2017	Advisory Board Meeting for Bohringer, "REDUAL PCI" Analysis, December 4
EDITORIAL P	<u>OSITIONS</u>
1996-2000	Co-director of the "Newsletter", the bulletin of the Lebanese Society of Cardiology
2009	Editorial Board Member of the European Heart Journal Middle East Edition
2011	Editorial Board Member of the Change your Practice Journal (Local Cardiology Journal)
NATIONAL GU	JIDELINES, SURVEY REPORTS AND CLINICAL RESEARCH PROJECTS
2004	Founding Member, Ad-Hoc and writing committee: Lebanese Interventional Coronary Registry (LICOR) National Report
2005	Chairman, Ad-Hoc and writing committee: Lebanese Interventional Coronary Registry (LICOR) National Report 2005
2006	Co-chairman, writing committee: Lebanese Guidelines for Acute Coronary Syndromes in NSTEMI patients
2004	Investigator and Survey Group Member: Assessing and Reducing the Risk of Stroke in Hypertension (The ACTION Survey) – Manuscript N16
2004	Co-chairman and Survey Group Member: Survey of Management and Assessment of Coronary Heart Disease Patients (The SMART Registry – Abstract N 36
2008	Member of the Ad-Hoc and writing committee: Lebanese Interventional Coronary Registry (LICOR) National Report 2006-2007
2008	Acute Coronary Events, a Multi-national Survey of Current Management Strategies Registry. ACCESS
2008	Patient Education Impact on Treatment Adherence in Patients with ACS. PEITA Survey
2009	Efficacy and Safety of Irbesartan/Hydrochlorothiazide Combination, ACTUAL. Randomized, open label, multicentre, phase IIIb/IV Study – Manuscript N 21

2009	Identification of Patients with Heart Failure and Preserved Systolic Function: An Epidemiologic Regional Study. I PREFER – Manuscript N22
2009	The Middle East Diabetic Study with Xience V Stent. MEDIX - Abstract N 39
2009	Patient Awareness Care and Treatment (PACT Program) - Member of the Steering Committee
2010	Realise AF, International, Observational, Cross Sectional Survey, Evaluating the Atrial Fibrillation Management and the Cardio-vascular Risk Profile of AF Patients
2010	National Coordinator, CEPHEUS (Centralized Pan-Levant Survey on the Under treatment of Hypercholesterolemia) –Abstracts n 40 & 41. Article in press
2011	Investigator, COMPLIANCE: An Observational Study of Treatment Compliance and Quality of Life in Patients on Antihypertensive Medications
2013	Primary Investigator, Dyslipidemia International Study (DYSIS) II: Lipid target achievement in high risk patients with Coronary Heart Disease (DYSIS II ACS/CHD)
2014	QUALIFY survey: Quality of adherence to guideline recommendations for life-saving treatment in heart failure: international survey.
2016	Evaluation of Medical Non-Surgical VTE Prophylaxis Dosing Strategies: Enoxaparin 20mg versus 30mg Subcutaneously Once Daily in Elderly Patients with Impaired Renal Function. Ongoing trial at LAUMC-RH
PROFESSION	IAL APPOINTMENT HIGHLIGHTS: "President of the LSC"
2005	Investiture Address, "The Lebanese Society of Cardiology, a Clock Builder Institution"
2005	Symposium Leader, Symposium on" National Cardiology Registries", Faraya-Mzaar, Lebanon. July 9th 05
2005	Coordinator, Memorandum of Understanding with PhRMA. Aug 05
2005	Invited Lecturer, "The LSC Address". Opening Ceremony of Middle East Cardio-Stim. Beit Merry, Lebanon. Sept 05
2005	Welcome Address, VIIIth International Congress of the LSC, 1st Announcement
2005	Welcome Address, IInd Lebanese Course on Revascularization, $2^{\rm nd}$ Announcement
2005	Marathon Partnership & "Healthy Heart" Awareness Campaign (Public

campaign, Press conferences...) Beirut, Lebanon. Nov 05

2005	Leader, National Symposium of the LSC, Organization & Closing Remarks. Tripoli, Lebanon. Nov 05
2005	Invited Lecturer. "The LSC Address", 5th meeting of the French-Lebanese Association. Nov 05
2005	Invited Participant, Representing the LSC at the Italian Society of Cardiology Annual Meeting , Rome, Italy
2005	Press Conference joint with MOPH & WHO: LICOR Registry 2004 data
2006	Editorial for the 1st Heart News bulletin. Jan 14th 06
2006	Symposium Leader, "Hypertension & Diabetes: Targeting Organs, Preventing Damage". Beirut, Lebanon. Jan 14th 06
2006	Symposium Leader, "Risk Management Approach in CV Diseases: What Really Counts?" Dbayeh, Lebanon. Feb 18th 06
2006	Invited Participant, Representing the LSC at the DAIS convocation ceremony for the American College of Cardiology, Mar 06
2006	2nd Lebanese Course on Revascularization, Faraya-Mzaar, Lebanon. Mar 29th 06 Opening Address. Non coronary interventions by Trans septal technique, conference Live Transmissions from Rizk Hospital Cath Lab Chairing Emory Satellite Session Workshop Leader, "National Registries & National Guidelines: LSC, MOPH & WHO", Beirut, Lebanon. Apr 8th 06
2006	Invited Interviewee. "Cardiology in a War Zone". Interview Circulation, Aug 8, 2006
2006	Invited Participant, Representing the LCS & CS at the 27th Annual Congress of the Hellenic Cardiological Society, Athens, Greece. Nov 2-4, 06
2006	Workshop Leader, "From National Registries to LSC Guidelines" Broumana, Lebanon December 8-9, 2006 Lebanese Interventional Cardiology Registry (LICOR), Report 2005 1st National Guidelines on Acute Coronary Syndromes. Pocket format
2007	Invited Participant, Representing the LSC at the XVIIth European Days of the French Society of Cardiology. Chairman, session on "Hypertension and the Kidney". Paris, France. Jan 07
2007	Symposium Leader, "From Hypertension to Heart Failure" Beirut, Lebanon. Mar 07
2007	Invited Participant, Representing the LSC at the DAIS convocation ceremony for the American College of Cardiology, New Orleans, USA. Mar 07
2007	Leading & Organizing the 8th International Congress of the LSC. Beirut Apr 07

President of the congress Opening address

2007 Organizing and Chairing the LSC-GACI Session at Euro-PCR 2007,

Barcelona, Spain

INTERNATIONAL CONGRESSES, COURSES & WORKSHOPS PARTICIPATION

European Society of Cardiology (ESC) Congress

1989 Nice, 1992 Barcelona, 1993 Nice, 1998 Vienna, 1999 Barcelona, 2001 Stockholm, 2004 Munich, 2005 Stockholm, 2006 Barcelona, 2009 Barcelona, 2010 Stockholm, Paris 2011, Amsterdam 2013

ESC PCI Guidelines Meeting - European Heart House

2005 Nice

American College of Cardiology (ACC) Congress

1994 Atlanta , 1995 New Orleans, 1996 Orlando, 1998 New Orleans, 2000 Anaheim, 2006 Atlanta, 2007 New Orleans

American Heart Association (AHA) Meeting

2002 Chicago

Advanced Endovascular Therapies: Workshop on Carotid Stenting

1998 New York, 2000 New York

2nd Cardiovascular Summit, the 3rd International Radiation Therapy Course and the 5th Heart Center Course on Coronary Stenting of Rotterdam.

1998 Netherlands

Transcatheter Cardiovascular Therapeutics (TCT)

1993, 1997, 2005, 2008 Washington, 2011 San-Francisco, 2012 Miami, 2013 San Francisco, 2014 Washington, 2015 San-Francisco, 2016 Washington DC. 2017 Denver.

Transcatheter Cardiovascular Therapeutics - Mediterranean (TCT Mediterranean)

2011 Istanbul, 2012 Limassol

"Hands on" work-shop on Rotablator

1997 St-Martin Clinic, Caên, France 2012 Boston Scientific Center of Excellence Training, Vienna

Complex Coronary Angioplasty Course/Paris Course on Revascularization (PCR)

1992, 1994, 1995, 1996, 1997, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2009, 2010, 2011, 2012, 2013, 2014, 2015

New York Cardiovascular Symposium. *Directed by: Valentin Fuster, MD, PhD, FACC* 1996, 2000, 2007, 2008, 2009, 2010 New York

Coronary Interventions New Devices, Live Cases and Workshop - Scripps Clinic & Washington Hospital Center 1993 Washington

High Tech

2002, 2004 Marseille

Italian Society of Cardiology Annual Meeting

2005 Rome

Journées Européennes de Cardiologie (French Society of Cardiology)

1997, 1998, 1999, 2000, 2001, 2002, 2004, 2006, 2007, 2008, 2009 Paris

EP Smoking Cessation, ESC Educational Programme,

EHH, France June 2008

Course on Vascular Restoration Therapy- Bioresorbable Eluting Stent, Crossroads Institute, Abbott, Brussels, Pr P. Serruys. October 2010

Journée de La Clinique Cardio-Thoracique de Monaco : RAC du Sujet Age.

October 2010

Complex Cardiovascular Catheter (C3) Therapeutics meeting, Orlando, USA

2010, 2011, 2013

PCR London Valves, 2011, 2012, 2013, 2014, 2016

Bioresorbable Vascular Scaffolds Workshop, Crossroads Institute, Abbott Vascular Education Network, Brussels, 17 April 2012

Transcatheter Heart Valve Training Program, Edwards Lifesciences, Geneva-Nyon, June 2012

Great Minds, European PCI Expert Meeting, Budapest, May 31, 2013

Thrombosis Management 2014, Bayer standalone meeting, Barcelona June 13, 2014

Complex Cardiovascular Catheter Therapeutics (C3), Baltimore 2010, Orlando 2011, 2013, 2014

Gulf PCR, Dubai since its first edition in 2011, 2012, 2013, 2014, 2015, 2017

Left Atrial Appendage Closure, CSI Focus, Frankfurt November 20-21, 2015

CTO Summit, New York, February 25-26, 2016

LAA & PFO Closure. Interventional Prevention of Cardio-Embolic Stroke. Las Vegas July 21-22, 2017

Regional Launching of the Accurate Neo TAVI Prosthesis, Boston Scientific, Istanbul, April 17

LECTURESHIPS, SYMPOSIA & COURSES

1988 Invited Participant. "Live Demonstrations in Advanced Coronary

Angioplasty" San Francisco Heart Institute Course in conjunction with

the American Hospital of Paris, Paris, France

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1989	Invited Participant. "Live Demonstrations in Advanced Coronary Angioplasty" San Francisco Heart Institute Course in conjunction with the American Hospital of Paris, Paris, France
1992	Invited Participant. "Hands On" workshop of "Gianturco Roubin" Stenting, Tenon Hospital, Paris, France
1992	Invited Participant. "Palmaz-Shatz Stenting Workshop", Centre Cardiologique du Nord, Dr Marie Claude Morice, France
1992	Invited Lecturer. Journées Médicales Libano-Françaises de l'Hôtel Dieu, Beirut, Lebanon "Apport de l'Echographie Transoesophagienne dans les Valvulopathies".
1996	Invited Lecturer. 3rd International Congress of the Lebanese Society of Cardiology, Beirut, Lebanon "Percutaneous Mitral Commissurotomy: 3-Years Experience in a Lebanese Center"
1996	Invited Lecturer. 3rd International Congress of the Lebanese Society of Cardiology, Beirut, Lebanon "Influence of Stent on Angioplasty Recruitment"
1996	Invited Lecturer. 6th Annual Medical Meeting of the Lebanese University, Beirut, Lebanon. "3-Year Experience of Interventional Cardiology in a Lebanese Center"
1997	Invited Lecturer. Monthly reunion of the Lebanese Society of Cardiology, Beirut, Lebanon. "Stratégies de Revascularisation Myocardique"
1997	Invited Lecturer. Regional Symposium of the Lebanese Society of Cardiology, Beirut, Lebanon "Valvular Diseases in Pregnant Women"
1998	Invited Lecturer. 4th International Congress of the Lebanese Society of Cardiology, Beirut, Lebanon. "Immediate and Long-Term Results of Percutaneous Mitral Commissurotomy"
2000	Invited Participant, "1st Euro-CVS Course" Dan Haague, The Netherlands
2000	Invited Participant, Free Standing Symposium on "GPIIb/IIIa Antagonists: From Clinical Trials to Clinical Practice". Bergamo, Italy
2000	Invited Lecturer. 1st Iraqi Scientific Meeting, Baghdad, Iraq. "Contrast Media in Interventional Cardiology"
2000	Invited Lecturer. The Hariri Foundation, Medical Section, Beirut, Lebanon. "Interventional Cardiology: State of the Art"
2001	Invited Participant. "Cardiovascular Radiation Therapy and Restenosis Forum", Washington USA
2001	Invited Lecturer. 2nd Iraqi Scientific Meeting, Baghdad, Iraq. "PCI

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Profile in the Year 2000". In addition to live case transmission

2001	Invited Lecturer. Ain W Zein Hospital, Chouf, Lebanon. "Overview on Interventional Cardiology"
2001	Invited Lecturer. Rizk Hospital, Beirut, Lebanon. "Overview on Interventional Cardiology"
2001	Invited Lecturer. XXXIth MEMA PTCA, Beirut, Lebanon. "Plavix Use in Lebanon with Stent in Arterial Coronary Revascularization. PULSAR Study"
2001	Invited Lecturer. Vth Annual Meeting of the Pan Arab Society of Interventional Cardiology. Beirut, Lebanon "IVUS in Our Daily Practice"
2001	Invited Lecturer. Vth Annual Meeting of the Pan Arab Society of Interventional Cardiology. Beirut, Lebano "Restenosis: Mechanism and Prevention"
2002	Invited Participant, "Patient Relationship Management: Workshop on Minds Masters" Beirut, Lebanon.
2002	Invited Speaker, "Diastolic Function in Chronic Heart failure: Results of the SWEDIC Study". Roche Symposium during VIth International Congress of the Lebanese Society of Cardiology. Beirut, Lebanon.
2002	Invited Lecturer. 29th Annual Interventional Congress of the Egyptian Society of Cardiology & Interventional Conference of Pan Arab Working Group of Interventional Cardiology, Alexandria, Egypt. "PCI: End of the Tunnel"
2002	Invited Lecturer. Journées Franco-Libanaises de Revascularisation, Beirut, Lebanon. "Role of Anti-Platelet Therapy in Acute Coronary Syndrome" Invited Lecturer. Association Franco-Libanaise Meeting, Beirut, Lebanon. "PMC in Pregnancy"
2002	Invited Speaker, "New Perspectives in the Management of Dyslipidemia: LIPS Study". Novartis Symposium on "Cardiovascular Disease Prevention in General Practice", Zahleh, Lebanon.
2002	Invited Speaker, "Controversy in the Prevention of Stroke" Sanofi Synthelabo Symposium. Kaslik, Lebanon.
2002	Chairman, "Workshop on Coronary Intervention" VIth Makassed General Hospital Medical Congress, Beirut, Lebanon.
2002	Invited Speaker, "LMWH in Coronary Artery Disease: Evidence-Based or Marketing" Aventis Symposium, Tyr, Lebanon.
2002	Invited Speaker, "LMWH in Coronary Artery Disease: Evidence-Based or

	Marketing" Aventis Symposium, Tripoli, Lebanon.
2003 2003	Invited Lecturer. Interventional Cardiology Symposium of the Lebanese Society Cardiology, Tripoli, Lebanon. "Role of IVUS in the Cath Lab" Lecturer at Cardiology Staff Meeting, Rizk Hospital, Beirut, Lebanon. "News from the Cath Lab"
2003	Invited Speaker, "Credo Study". Sanofi Synthelabo Symposium, Beirut, Lebanon.
2003	Invited Speaker, "Lescol Intervention Prevention Study (LIPS)". Novartis Symposium, Beirut, Lebanon.
2003	Invited Speaker, "Low Molecular Weight Heparin in Coronary Artery Disease". Aventis Symposium, Beirut, Lebanon
2003	Invited Speaker, "Beyond Blood Pressure Control". MSD Symposium. Beirut, Lebanon.
2003	Invited Lecturer. National Symposium of the Lebanese Society of Cardiology. Beirut, Lebanon "LMWH in Coronary Artery Disease".
2003	Invited Speaker, "Clinical Implications of HPS in Patients at Cardiovascular Risks". MSD Symposium, Beirut, Lebanon.
2004	Invited Lecturer. 5th Jeddah Cardiovascular Intervention (JCI). Jeddah, Saudi Arabia. "From Vulnerable Plaque to the Vulnerable Patient: Does our Practice Mirror the Guidelines?"
2004	Invited Lecturer. 5th Jeddah Cardiovascular Intervention (JCI). Jeddah, Saudi Arabia. "Enoxaparin in PCI: Finding the Optimal Dose"
2004	Invited Speaker, "Management of the Failing Myocardium: Lessons from Val-Heft & CHARM". Novartis Regional Symposium on "Reducing the Burden of Cardiovascular and Metabolic Disease Along the CV Continuum" Istanbul, Turkey.
2004	Invited Speaker, "A Statin Pill on Top of the Interventionist Skill". Novartis Regional Symposium on "Reducing the Burden of Cardiovascular and Metabolic Disease Along the CV Continuum" Istanbul, Turkey.

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Invited Speaker, "Beyond Hypertension Control". Aventis Symposium, Beirut, Lebanon.

2004	Invited Speaker, "Beyond Conventional Protection: Setting the Standard of Care in Hypertension". MSD Symposium, Beirut, Lebanon.
2004	Workshop Director, "The 1st Workshop on the Lebanese National Registry in Coronary Angiography and Angioplasty". Lebanese Order of Physician. Beirut, Lebanon.
2004	Invited Speaker, "Optimizing Medical Therapy Post Coronary Event: Guidelines and Recommendations to Meet the Challenges" MSD University Program on "Addressing the Challenges of Coronary Heart Disease: From Bench to Bedside and Beyond", Beirut, Lebanon.
2004	Invited Speaker, "Acute Coronary Syndrome: One Minute Before One Year After". Sanofi Synthelabo Symposium, Beirut, Lebanon.
2004	Invited Speaker. "SMART Registry: Data Presentation and Analysis Amongst Centers and Total Lebanon" MSD Symposium, Beirut, Lebanon
2004	Invited Speaker, "Atherothrombosis Pathophysiology and Key Elements for Treatment" Sanofi-Aventis Scientific Meeting, Plavix Stand Alone Meeting, Istanbul, Turkey
2004	Invited Speaker, "From Vulnerable Plaque to the Vulnerable Patient" Sanofi-Aventis Scientific Meeting, Plavix Stand Alone Meeting, Istanbul, Turkey
2004	Invited Speaker, "Atherothrombosis" Sanofi Synthelabo Multidisciplinary Symposium, Tripoli, Lebanon.
2004	Invited Lecturer. 2nd MEA Acute Coronary Syndrome (ACS) Workshop, State of the Art Cardiology, Mayo Clinic Meeting, Dubai, UAE. "Updated Guidelines for ACS: Does Current our Practice Mirror the Guidelines"
2004	Invited Lecturer. 2nd National Congress in Daily Practice, Beirut, Lebanon. "Lipid Management in High Risk Patients"
2004	Invited Speaker, "ARB in the Cardiovascular Continuum: Where is the Evidence?" Novartis Symposium, Beirut, Lebanon.
2004	Invited Speaker, "Does Daily Practice Mirror the Guidelines: The SMART Registry for Acute Coronary Syndromes" MSD Symposium, Beirut, Lebanon.
2004	Invited Lecturer, "The Medical Challenge of Practicing Evidence-Based Medicine" Cardiology Staff Meeting, Rizk Hospital, Beirut, Lebanon
2005	Invited Speaker, "Acute Coronary Syndromes: Rationale Behind Discharge Presentation" MSD Symposium, Beirut, Lebanon.

2	005	Invited Speaker, "Use of ARBs as State of the Art Treatment in Post MI and HF Patients: Evidence based medicine". Novartis University Program on "Cardiovascular Diseases: Strategies for Today and Tomorrow", Faqra, Lebanon.
2	005	Invited Speaker, "Statin Pill on Top Interventionist Skill". Novartis University Program on "Cardiovascular Diseases: Strategies for Today and Tomorrow", Faqra, Lebanon.
2	005	Invited Participant, Free Standing Symposium on "Are There Really Benefits Beyond Blood Pressure Reduction for Stroke Risk Reduction," Prague, Czech Republic.
2	005	Invited Participant, EMEA Speakers' Forum on "Translating LIFE results into Meaningful Clinical Practice", Prague, Czech Republic
2	005	Invited Lecturer. Internal Medicine Department, Rizk Hospital, Beirut, Lebanon. "Management of the Failing Myocardium"
2	005	Invited Speaker, "Advance in Cardiac and Renal Therapy, Complications of Hypertension: The Rationale for Prevention" Sanofi-Aventis University Program, Hamamet, Tunisia.
2	005	Invited Speaker, "From Vulnerable Plaque to Vulnerable Patient: Does our Practice Mirror the Guidelines" MSD MEA Regional University Program on "Addressing the Challenge of Cardiovascular Risk Management Beyond Current Practice", Sharam Sheikh, Egypt.
2	005	Invited Speaker, "Cardiovascular Complications of Hypertension: RAS the Eye of the Cyclone" MSD Symposium, Beirut, Lebanon
2	005	Invited Lecturer. The Paris Course on Revascularization, Paris, France. "Clinical Case Presentation: Bifurcated In-Stent Restenosis"
2	005	Lecturer & Symposium Leader. Symposium on National Cardiology Registries & Guidelines, Faraya-Mzaar, Lebanon
2	005	Invited Lecturer. The Cardio-Alex Congress, Alexandria, Egypt. "Non Coronary Interventions Review & Personal Experience
2	005	Invited Lecturer. National Symposium of the Lebanese Internal Medicine Society in Collaboration with MSD, Faraya-Mzaar, Lebanon. "Managing the Patient with Hypertension: Clinical Case Studies"
2	005	Chairman, Introduction & Session Moderator, "Atrial Fibrillation in Hypertensive Patients: Latest Findings and Analysis from the LIFE Trial" by Richard Devereux, MD, FACC
2	005	Invited Speaker, "LMWH in Revascularization Therapy, the Evidence Which Was Pending"

Sanofi-Aventis Scientific Activity, Beirut, Lebanon.

2005	Invited Lecturer. Rizk Hospital Annual Ceremony, Beirut, Lebanon. "Medical Staff Address"
2005	Invited Speaker, "CLARITY & PCI-CLARITY: New evidence in STEMI" Sanofi-Aventis Scientific Activity, Beirut, Lebanon.
2005	Invited Speaker, "Prevention of Atrial Fibrillation with Angiotensin Converting Enzyme Inhibitors and Angiotensin Receptor Blockers". MSD-Gulf University Program on "New Clinical Insights in Cardiovascular & End-Organ Protection", Beirut, Lebanon.
2005	Chairman, "The Role of ARBs for the Management of Hypertension, CV & Renal Disease in High Risk Patient Subgroups" by Matthew Weir Sanofi-Aventis Symposium, Beirut, Lebanon.
2005	Invited Lecturer. Jeddah Interventional Meeting, Jeddah, Saudi Arabia. "PFO: From Stroke Prevention to Migraine Treatment"
2006	Invited Lecturer. Cardiology Staff Meeting, Rizk Hospital, Beirut, Lebanon. "ACE inhibitor in CAD: Lesson from HOPE-TOO"
2006	Invited Lecturer. The Lebanese Society of Cardiology National Symposium on "From Hypertension to Diabetes: Targeting Organs, Preventing Damage", Beirut, Lebanon. "History of Hypertension: Evolution or Revolution"
2006	Chairman, Journées Européennes de Cardiologie, Paris, France Session on "Valvular Diseases"
2006	Invited Lecturer. Grand Round, Rizk Hospital, Beirut, Lebanon "Beta-Blockers in Heart Failure"
2006	"My Most Challenging Patient with Hypertension: A Clinical Case Stud Invited Lecturer. Grand Round Rizk Hospital, Beirut, Lebanon "My Most Challenging Patient with Hypertension: A Clinical Case Study"
2006	Chairman & Session Moderator, "Reducing Cardiovascular Risk" by Pr. H. Elliott Solvay Symposium, Beirut, Lebanon
2006	Invited Participant, representing the Lebanese Society of Cardiology at the DAIS / Fellowship Convocation Ceremony during the 55th ACC Meeting. Atlanta, Georgia
2006	Invited Speaker, "Strategies in Treating the Spectrum of Cardiovascular Diseases. Novartis Symposium. Faraya-Mzaar, Lebanon
2006	Invited Lecturer. 2nd Lebanese Course on Revascularisation, Beirut, Lebanon Opening Speech
2006	Invited Lecturer. 2nd Lebanese Course on Revascularisation, Beirut, Lebanon "Non Coronary Interventions by Trans Septal Technique"

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2006	Discussant & Demonstrator. 2nd Lebanese Course on Revascularisation, Beirut, Lebanon "Live Transmissions from Rizk Hospital Cath Lab"
2006	Chairman & Session Leader. 2nd Lebanese Course on Revascularisation, Beirut, Lebanon "Emory Live Satellite Transmission" with Ziad Ghazzal team
2006	Invited Speaker, "Cardiovascular Protection in Hypertensive Patients: From Randomized Clinical Trials to Bedside", Saida, Lebanon
2006	Invited Participant, Free Standing Symposium on "New Developments for AIIAs in the Management of CV Risk in Hypertensive Patients", Rome, Italy
2006	Invited Participant, EMEA Speakers' Forum on "New Developments for AIIAs in the Management of CV Risk in Hypertensive Patients", Rome, Italy
2006	Invited Participant. "36th Workshop on Intravascular Ultrasound – Virtual Histology". University Hospital Munich, Germany
2006	Chairman, "Aging Challenges Cardiovascular Treatment and Resources" Euro-Prevent 2006 Athens, Greece
2006	Workshop Leader, "National Registries & National Guidelines: LSC, MOPH & WHO" Beirut, Lebanon
2006	Invited Participant, representing the Lebanese Society of Cardiology & Cardiac Surgery at the 27th Annual Congress of the Hellenic Cardiological Society, Athens Greece
2006	Invited Lecturer. Grand Round Rizk Hospital, Beirut, Lebanon "Impact of National Registries on Clinical Practice: Figures from Lebanon & from Rizk Hospital"
2006	Invited Lecturer. The Cardio-Alex Meeting, Alexandria, Egypt "Should we Close All PFO in Patients Who Had a Cryptogenic Stroke?
2006	Invited Speaker, "CRP and CV Disease, Val-Marc Trial Presentation" Novartis University Program on "Addressing the Variables: Solving the Formula to Reduce CV Risk". Malta
2006	Invited Speaker, "The Benefits of Statin Treatment in High Risk Patients" Novartis University Program on "Addressing the Variables: Solving the Formula to Reduce CV Risk". Malta
2006	Invited Workshop Leader & Moderator, "Interactive Breakout Session, Clinical Case Discussion: Coronary Artery Disease" Novartis University Program on "Addressing the Variables: Solving the Formula to Reduce CV Risk". Malta
2006	Invited Speaker, "Prevalence of CV Diseases in Lebanon and New Therapeutic Approaches in the Treatment of Myocardial Infarction"

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Media Forum on Diabetes and Cardiovascular Diseases, Beirut, Lebanon.

2006	Invited Lecturer. Grand Round, Rizk Hospital, Beirut, Lebanon. "New Considerations for Cardiovascular Protection in Hypertensive Patients"
2006	Invited Lecturer. Cardiology Staff Meeting, Rizk Hospital, Beirut, Lebanon. "From HOPE to DREAM"
2006	Invited Lecturer. Cardiology Staff Meeting, Rizk Hospital, Beirut, Lebanon. "Overview on Clopidogrel Indications in ACS"
2006	Invited Lecturer. Grand Round, Rizk Hospital, Beirut, Lebanon. "Fixed Combination Treatment in Hypertension: The Rationale"
2006	Invited Lecturer. Grand Round, Rizk Hospital, Beirut, Lebanon. "The Importance of Heart Rate Control in Hypertensive Patient"
2006	Invited Interviewee. "Cardiology in a War Zone" Circulation Journal, Aug 8, 2006
2006	Invited Lecturer. The Lebanese Society of Cardiology Workshop, Broumana, Lebanon "Acute Coronary Syndromes: Lebanese Figures and LSC Guidelines"
2006	Invited Participant, "2nd International Summit on Cardio Metabolic Risk Associated with Intra-Abdominal Adiposity" Berlin, Germany
2006	Invited Speaker, "Prevention of Atrial Fibrillation with Angiotensin Converting Enzyme Inhibitors and Angiotensin Receptor Blockers". MSD Symposium, Beirut, Lebanon.
2007	Chairman, XVIIth Europeans Days of the French Society of Cardiology. Paris, France Session on "Hypertension and Kidneys"
2007	Invited Speaker, "New Considerations for Cardiovascular Protection in Hypertensive Patients" MSD Symposium, Beirut, Lebanon
2007	Invited Speaker, "Acute Coronary Syndrome Registries: The Lebanese Experience" MSD Regional Scientific Meeting, Cairo, Egypt.
2007	Invited Workshop Leader. "Lebanese Guidelines in Acute Coronary Syndrome: Inter-hospitals Round Table", Sanofi-Aventis Beirut, Lebanon.
2007	Invited Lecturer. Grand Round, Rizk Hospital, Beirut, Lebanon. "From Lebanese Figures to LSC Guidelines"
2007	Invited Lecturer. The Lebanese Society of Cardiology National Symposium. Beirut, Lebanon Opening Address, "From Hypertension to Heart Failure"

2007	Invited Speaker, "B-Blockers: A Cornerstone in the Treatment of CV Disease" Merck AG, CME Activity. Beirut, Lebanon
2007	Invited Participant, Representing the Lebanese Society of Cardiology at the DAIS / Fellowship Convocation Ceremony during the 56th ACC Meeting. New Orleans
2007	Invited Speaker, "LIFE: A 5-Year Contribution to the Management of Hypertension" MSD Symposium at the Lebanese Society of Nephrology Meeting, Beirut, Lebanon
2007	Invited Speaker, "Guidelines of Anti-Platelet Therapy in ACS and PCI". MSD Scientific Event on "Hot Issues in Anti-Platelet Therapy", Beirut, Lebanon
2007	Invited Lecturer. Grand Round, Rizk Hospital, Beirut, Lebanon "Treating Hypertensive Patient: Always Start with the Right Combination"
2007	Invited Speaker, "Breaking News on Atherosclerosis: From Asteroid to Meteor Study" Astra-Zeneca Symposium at the VIIIth International Congress of the Lebanese Society of Cardiology, Beirut, Lebanon
2007	Invited Lecturer. VIIIth International Congress of the Lebanese Society of Cardiology, Beirut, Lebanon. "NSTEMI Guidelines, Lebanese Figures & LSC Implementation"
2007	Invited Lecturer. Cardiology Staff Meeting, Rizk Hospital, Beirut, Lebanon "The Value of Controlling BP and the Risks: JIKEI Heart Study"
2007	Chairman, Introduction & Session Moderator at the Euro-PCR, Barcelona, Spain "The LSC/GACI Joint Session"
2007	Invited Lecturer. Grand Round, Rizk Hospital, Beirut, Lebanon. "New Considerations for Cardiovascular Protection in Hypertensive Patients"
2007	Invited Lecturer. Grand Round, Rizk Hospital, Beirut, Lebanon. "Blocking Endo-Cannabinoid System: Impact on CV Diseases"
2007	Invited Speaker, "Update on the Use of CCBs in Hypertension" Sanofi-Aventis Symposium, Beirut, Lebanon.
2007	Chairman, 28th Congress of the Hellenic Society of Cardiology, Rhodes, Greece "Acute MI Registries"
2007	Invited Speaker, "New consideration in the Treatment of Hypertensive and Coronary Artery Disease Patients" Novartis Symposium, Beirut, Lebanon
2007	Invited Speaker, "Treating Hypertension Today: How to Meet the Challenges" MSD Accredited University Program (5 CME), Beirut, Lebanon
2007	Invited Participant, "On-Target Speaker's Summit" Singapore
2007	Invited Participant, "The Presentation Skills Workshop: Creating & Delivering Effective Presentations" Singapore

2007	Invited Participant, "1st International Forum on Exforge" Bangkok, Thailand
2007	Invited Participant, "Effective Presentation Skills" Sanofi-Aventis Symposium, Limassol, Cyprus
2007	Invited/Special Consultant, "Assessment of Accomplia Message Delivery" Sanofi-Aventis, Beirut, Lebanon
2007	Invited Speaker, "Addressing the burden of hypertension with dual mechanism therapy", Novartis Scientific Activity, Amman, Jordan
2007	Invited Participant, "Middle East Advisory Board Business Development Meeting" Abbott Vascular, San Francisco, USA
2007	Invited Lecturer. Grand Round, Rizk Hospital, Beirut, Lebanon PCI: From guidelines to clinical practice.
2007	Chairman, LSC symposium on CAD Session on AMI
2008	Lecturer. Fellows orientation course. Rizk Hospital, Beirut, Lebanon How to manage emergencies in cardiology @ Risk hospital
2008	Invited Lecturer. "ADVANCE Trial Results" Cardiology Staff Meeting, Rizk Hospital, Beirut, Lebanon.
2008	Invited Participant, Representing the LSC at the XVIIIth European Days of the French Society of Cardiology. Chairman, session on "Free communications in Heart Failure". Paris, France. Jan 08
2008	Invited Moderator, Hypertension and Stroke in the Middle East Region: New Results MSD Scientific Activity, Beirut, Lebanon
2008	Invited lecturer, "Addressing the burden of hypertension with dual mechanism Therapy", Cardiology staff meeting, Rizk Hospital, Beirut
2008	Invited lecturer, "Global Overview of Interventional Cardiology Activity @ Rizk Hospital", Grand Round Rizk Hospital, Beirut
2008	Invited Lecturer, "Special considerations in blocking AT2 receptors with Irbesartan" Cardiology Staff Meeting, Rizk Hospital, Beirut
2008	Invited Speaker. "Forging New Tracks in Hypertension Management". Novartis Symposium on "The Journey of Risk Reduction: Pathways in Patients Care". Beirut, Lebanon
2008	Invited Lecturer, "Diuretic Therapy in Hypertensive Patient: Why Indapamide LP?" Cardiology Staff Meeting, Rizk Hospital, Beirut
2008	Invited Lecturer, "New Concepts to Meet the Challenges of Hypertension

	Management", Algorithm Cardio-Metabolic Workshop, Dead Sea, Jordan
2008	Clinical Case Presentation: "Anomalous Pulmonary Origin of the Coronary Artery" LSC Interventional Symposium, Mzaar, April 08
2008	Invited Speaker, "Striking Findings from LICOR Registry", LSC Interventional Symposium, Mzaar, Lebanon
2008	Invited Lecturer, "Benefits of Angiotensin Receptor Blockade in the CHARM Program", Astra-Zeneca Symposium, LSC Interventional Meeting, Mzaar, Lebanon
2008	Invited Lecturer, "What's New in STEMI in 2008? Insights into Anti-Platelet Therapy" Cardiology Staff Meeting, Rizk Hospital, Beirut
2008	Invited Speaker, "CAD Registries in Lebanon", 2nd Annual King Fahd Cardiac Center Symposium, Riyadh, May 08
2008	Invited Speaker, "My Challenging Patient with Hypertension", MSD University Program, Mzaar, Lebanon
2008	Invited Lecturer, 'ONTARGET Trial", Cardiology Staff Meeting, Rizk Hospital, Beirut
2008	Organizer and lecturer: The Lebanese Society of Cardiology session at Euro-PCR 08, Barcelona: Unexpected situations in percutaneous coronary intervention, 14-05-2008
2008	Invited Lecturer, "Abrupt Occlusion of the Common Carotid Artery", Rizk Hospital, Department of medicine staff meeting, Beirut, May
2008	Invited Lecturer, "Illusion and Confusion in Reperfusion with Fondaparinux",
2008	Sanofi Aventis inter-hospital activities, Beirut, June Invited lecturer, "New concepts in the Management of BP Control; The Role of Salt Intake", Grand Round Rizk Hospital, Beirut, June
2008	Invited Lecturer, "Optimizing Statin Therapy" Cardiology Staff Meeting, Rizk Hospital, Beirut, June
2008	Invited Speaker, "Complex PCI: Left Main & Bifurcation Lesions", 1st Mediterranean Cardiovascular Therapeutics, Napoli, June
2008	Invited Lecturer, "24 HR ABPM", Novartis Hypertension Symposium, Beirut, November 2008
2008	Invited Lecturer, "The Rationale of Combination Therapy in Blood Pressure Control" Cardiology Staff Meeting, Rizk Hospital, Beirut
2008	Invited Lecturer, "Bifurcation Stenting, Tips & Tricks", Interventional Cardiology Forum, Lebanese Society of Cardiology WG meeting, Beirut December 2008
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ACLS, CPR and CCR, course for interns and residents; Rizk Hospital, Beirut

2009	Invited Lecturer, "Nifedipine in the treatment of Hypertension. From Insight to Action", Cardiology Staff Meeting, Rizk Hospital, Beirut
2009	Invited Lecturer, "The Odyssey of Transseptal Left Heart Catheterization", Grand Round Rizk Hospital, Beirut, Lebanon
2009	Chairman, session on "Structural Heart Disease", 36th Annual Conference of the Egyptian Society of Cardiology, Sharm El Sheikh, Egypt
2009	Chairman, session on "Anti-Thrombotic Treatment in Difficult Clinical Situation", 36th Annual Conference of the Egyptian Society of Cardiology, Sharm El Sheikh, Egypt
2009	Invited Lecturer, "TRANSCEND: The Alternative Therapy in Treating High Risk Patients", Cardiology Staff Meeting, Rizk Hospital, Beirut.
2009	Chairman, session on "CAD Arrhythmia and Sudden Death", 3rd Middle East Cardio-Pace, Beirut, Lebanon
2009	Chairman, symposium on "Managing Hypertension: Impact of New Evidence on Daily Practice", 3rd Middle East Cardio-Pace, Beirut, Lebanon
2009	Invited Speaker, Management of Cardiac Tamponade during PMC 7th Gulf Heart Association Conference, Dubai, April 2009
2009	Invited Speaker, "The Odyssey of Trans-Septal Left Heart Catheterization, LCR, Beirut, Lebanon
2009	Chairman, Live Transmission Session, 3rd LCR, Beirut, Lebanon
2009	Invited Lecturer, "CAD, Therapy Beyond Revascularization", Clinical Case
2009	Discussion, Pharmaceutical Medical Symposium, Beirut, May 2009 Invited Lecturer, "ACS, What's New in 2009?" Clinical Case Discussion, Pharmaceutical Medical Symposium, Beirut, July 2009
2009	Invited Lecturer, "New Consideration for Cardiovascular Protection in Hypertensive Patients", MSD Medical Symposium, Beirut, July 2009
2009	Invited Lecturer, "Controlling multiple risk factors for optimal CV protection", Pfizer Regional Symposium, Beirut, October 2009
2009	Symposium Chairperson, "Pourquoi 100% des Hypertendus ne sont pas contrôlés?", Novartis symposium, Congres de l'Association Franco-Libanaise de Cardiologie, Beirut, October 2009
2009	Invited Lecturer, "Monitoring Surrogate Endpoints for CV Protection in Hypertension As Seen by the Cardiologist", Meeting the challenges of CV diseases, MSD Middle –East regional symposium, Beirut, October 2009

2009	Invited Lecturer, "Multiple Risk Management, the New Paradigm for Cardio-Vascular Protection", UMC- Rizk Hospital, Grand Round, October 2009
2009	Invited Participant to the1st Intercontinental Advisory Board for Multag, Sanofi-Aventis, Rio De Janeiro, December 2009
2010	Invited Lecturer, "Aliskiren, A New Class to Block RAAS", UMC- Rizk Hospital, Cardiology Staff Meeting, January 2010
2010	Invited Participant to the SPEAK (Stroke, Prevention in Atrial Fibrillation, Education, Awareness, Knowledge) Academy on "Transforming Anticoagulation", Beirut, January 2010
2010	Symposium Chairperson, "The J Curve Phenomenon and the Treatment of Hypertension, How Low Should We Go?" Pr Franz Messerli, Abbott Symposium, Beirut, January 2010
2010	Invited Participant to the "Comprehensive Risk Management Across The Cardiovascular Disease Continuum", Cannes, France, March 2010
2010	Invited Lecturer, "ST Elevation Myocardial Infarction: Integrating All Strategies for Achieving Faster Reperfusion" $9^{\rm th}$ International Congress of Cardiology and Cardiac Surgery, Beirut, March 2010
2010	Symposium Chairperson, "Dual Antiplatelet Therapy: An Evergreen in clinical Cardiology" Sanofi symposium, 9 th International Congress of Cardiology and Cardiac Surgery, Beirut, March 2010
2010	Session Chairperson, "Guidelines", 9^{th} International Congress of Cardiology and Cardiac Surgery, Beirut, March 2010
2010	Symposium Chairperson, "Therapeutic Approach to Managing Dyslipidemia and Hypertension in Patients with Diabetes and CAD", Pfizer Scientific Activity, Beirut, April 2010
2010	Invited Lecturer, "Organization and results of the STEMI treatment in Lebanon", Moderator and Panelist, 14th Warsaw Course on Cardiovascular Intervention – EuroPCR, Warsaw, April 2010
2010	Invited Lecturer, "ST Elevation Myocardial Infarction Best Algorithm for 2010", UMC-RH Grand Round, April 2010
2010	Invited Lecturer," Optimizing Management of Patients at Risk: Role of ACEI in Cardiovascular Protection", Sanofi Round table, Beirut, April 2010
2010	Chairman of the LSC- Indian Society of Cardiology Joint Session at Euro-PCR, Paris May 2010
2010	Organizer and Lecturer, "Translation Highway from Clinical Research to Practice Community", PEITA and LICOR Surveys, LSC & Sanofi-Aventis Workshop, Beirut, June 2010
2010	Lecturer, "Cardiovascular Risk Factors: Integrating the old, the new and the

Unknown For a healthier life and a better legacy", Grand Round, UMC-RH, Beirut June $2010\,$

2010	Lecturer, "Prasugrel: A Novel Antiplatelet Therapy, Evidence and Clinical Practice", UMC-RH, Cardiology staff, July 2010
2010	Lecturer, "Cardiovascular Risk Factors: Integrating the old, the new and the Unknown For a healthier life and a better legacy", Grand Round, CMC- Johns Hopkins International, Beirut Sep. 2010
2010	Invited Lecturer, "Management of Hemopericardium during PMC", IXth Makassed Medical Congress in collaboration with Cleveland Clinic Foundation October 9, Beirut.
2010	Invited Lecturer," Cardio-Vascular Risk Factors: Integrating the Old, the New And the Unknown for a Healthier Life and a Better Legacy", CardioMetabolic Meeting, Malta, October 1
2010	Invited Lecturer, "ACS: Therapy Beyond Revascularization", Cardio Metabolic Meeting, Malta, October 16
2010	Invited Lecturer, "Cardiovascular Risk Factors: Integrating the Old, the New And the Unknown for a Healthier Life and a Better Legacy", 1st Eastern Mediterranean Congress on Cardiovascular Prevention, Beirut, October 21-23
2010	Invited Lecturer, "Cardiovascular Prevention after ACS: The other Treatments", 1st Eastern Mediterranean Congress on Cardiovascular Prevention, Beirut, October 21-23
2010	Invited Lecturer, "A novel approach to comprehensive lipid management", MSD regional Symposium, November 28, Le Royal, Lebanon
2011	Coordinator for a live Webcast Conference on "Tailoring Therapy to the Patient-New Perspectives for Hypertension and Heart Failure", Feb, Beirut
2011	Invited Lecturer, "Management Of Hypertension and Dyslipidemia: Putting Evidence in Daily Practice", $4^{\rm th}$ Middle East Cardio-Pace, under the auspices of Cardiostim, March 2011, Beirut, Lebanon
2011	Chairman, Symposium on "Management of AF in Daily Practice", 4 th Middle East Cardio-Pace, under the auspices of Cardiostim, March 2011, Beirut
2011	Invited Lecturer, "ATRIAL FIBRILLATION AND STROKE: The Inevitable Issue", Lebanese Society of Neurology Meeting, March 2011, Broumana, Lebanon
2011	Invited Lecturer and Organizer of the Lebanese Society of Cardiology Session at TCT Mediterranean, Antalya, Turkey, March 2011: ACS AMI Case Reviews and Words of Wisdom in ACS
2011	Invited Lecturer, "At last: A SHIFT towards benefit in Heart Failure", Servier Symposium, Beirut, April 2011

2011	Representing the President of the Lebanese Order of Physician at the "Third Women's Health Symposium", Clemenceau Medical Center – Johns Hopkins Medicine International, Beirut, April 2011
2011	Invited Lecturer, "Importance of the Single Pill Combination Therapy in Hypertensive Patient", Novartis Scientific Activity/Military Hospital-Cardiology Division, Beirut, Lebanon
2011	Invited Lecturer, "ACS, Figures from the Lebanese registries", AstraZeneca Advisory Board meeting, May 2011, Beirut
2011	Chairperson, Middle East Medical Assembly, May 2011, AUB-MC, Beirut
2011	Invited Lecturer. "Complex Multi-Vessels Disease Management, Clinical Case Discussion", Euro-PCR, May 2011, Paris, France
2011	Interview to the PCR DAILY Bulletin on LSC and Interventional Cardiology WG activities and recommendation for a better collaboration With the Euro-PCR, May 2011
2011	Chairperson, Boehringer Ingelheim symposium on "Blood Pressure and Beyond: Tailoring the Treatment to your Patients", Dr Subodth Verma, Beirut, June 2011
2011	Chairperson and Lecturer, "Coronary Perforation", Complex Cardiovascular Catheter Therapeutics meeting, Orlando, USA
2011	Advisory Board + Writing committee + Press Conference: Centralized Pan Levant Survey on the Under treatment of Hypercholesterolemia (CEPHEUS), Amman, July 2011
2011	Invited Lecturer, "Meeting Different Patients Needs From Treatment of High LDL to the Concept of Primary Prevention", AZ Symposium, Tripoli,07 2011
2011	Invited Lecturer, "Complex Multivessel Disease: Clinical Case", Boston Scientific French Regional Symposium, October, Beirut
2011	Invited Lecturer, "Multi-vessel Disease Key elements for revascularization Based on SYNTAX and Euroscore", Lebanese Course on Revascularization, Beirut, October 20-22
2011	Symposium Chair, "Clopidogrel: Standard of Care in Managing ACS Patients" Lebanese Course on Revascularization, Beirut, October 20-22
2011	Symposium Chair, "3 in 1 Combinations: A New Frontier in Hypertension Management – Pr Roberto Fogari" Lebanese Course on Revascularization, Beirut, October 20-22
2011	Panelist, Live Case Transmission for Cleveland Clinic, Lebanese Course On Revascularization, Beirut, October 20-22

2011	Invited Lecturer, "Treating Dyslipidemia from LDL reduction to CV Protection", Astra Zeneca GP symposium, Beirut October $24^{\rm th}$
2011	Invited Faculty TCT 2011 (Trans-Catheter Therapeutic), November, San- Francisco, USA
2011	Invited Lecturer, "Multi-vessel & Left Main Disease: The Last/Lost Battle", Grand Round Lecture, UMC-RH, November, Beirut.
2011	Invited Faculty 1st Gulf PCR, Dubai, December 2011. Panelist on 3 sessions: 1-LTT on how to treat a patient with complex left main stenosis 2-LTT on how to manage a patient with large thrombus containing lesion 3- How should I treat a patient with coronary chronic total occlusion & SVG?
2012	Lecturer, UMCRH Cardiology staff meeting: "Heart Rate Reduction, a Novel Approach to Treat CV Diseases".
2012	Chairman, symposium Astra-Zeneca on "Updates on the management of ACS" Beirut, February 2012
2012	Invited Lecturer, CEPHEUS (Centralized Pan-Levant Survey on the Under treatment of Hypercholesterolemia), Results & Discussion. Investigators Meeting, Beirut, February 2012
2012	Lecturer, "Optimizing Anti-Platelet Treatment, Focus on GPI", Cardiology staff Meeting, UMCRH, March
2012	Invited Lecturer, "Cardiovascular Risk Factors: How To Achieve the Goal of The Best Control". Saint-Panthaleon Medical Group monthly meeting, UMCRH
2012	Invited Lecturer, "Left Ventricular Hypertrophy", Cardiology staff meeting, UMCRH, Beirut, April 27.
2012	Invited Discussant and Panelist, TCT Mediterranean, May 4, Limassol, Cyprus
2012	Chairing Session at the EuroPCR, 2012, Paris on STEMI
2012	Lecturing and Chairing the Lebanese-Danish "How Shoud I Treat" session at the EuroPCR 2012, Paris: "Special Setting in Left Main Stenting"
2012	Invited Lecturer, "Dabigatran: Recommandations et Usage Pratique", Les Journées de l'association Franco-Libano-Belge de Cardiologie. Beirut, May 24
2012	Chairing Session on TAVI, Les Journees de l'association Franco-Libano-Belge de Cardiologie. Beirut, May 24
2012	Invited Lecturer & Chairing Session, "Cardiac Imaging Symposium", Clemenceau Medical Center & Johns Hopkins Medicine International, Beirut, June 2

2012	Lecturer, "Dabigatran in Daily Use: Facts and Opinions", Cardiology Staff Meeting, June 22
2012	Lecturer, "Trans-Catheter Aortic Valve Implantation, A Novel Concept to Approach Valvular Heart Disease", American Lebanese Medical Association – Lebanese Amercian University – University Medical Center Rizk Hospital Meeting. Beirut, June 30
2012	Lecturer, "AMI, Medication & Interventions, Recommendations & Exceptions", ALMA – LAU - UMCRH Meeting. Beirut, June 30
2012	Invited Lecturer, "Cardiovascular Risk Factors: How To Achieve the Goal of The Best Control". Novartis Scientific Activities, Beirut, July 10.
2012	Lecturer, "Interventional Cardiology: What we have in the Pipelines?" Grand Round, UMCRH, July 26
2012	Lecturer, "Overview on Candersartan", Cardiology staff meeting, UMCRH, July 27
2012	Invited Lecturer, "Identifying and Treating the High Risk Cardiovascular Patient", Bohringer Protect program for GPs. Beirut, October 2012
2012	Invited Lecturer, "The 1st Lebanese TAVI: Challenge & Achievement", LAU International Advisory Board Meeting, Beirut LAU Campus, October 2012
2012	Invited Lecturer, " 1^{st} Lebanese TAVI, Live In a Box", 10^{th} International Congress of The Lebanese Society of Cardiology, Beirut, October 17-19
2012	Chairmen, Symposium on Anti-Platelet Agents, Invited Lecturer Pr. Victor Serebruany Sponsored by Sanofi, 10 th International Congress of the LSC, Beirut October 17-19
2012	Invited Moderator, Session on STEMI, TCT Miami, October 22, 2012
2012	Lecturer, "Identifying and Treating the High Risk Cardiovascular Patient Optimizing The management", Cardiology Staff Meeting, UMCRH, November 2012
2012	Lecturer, "Update in Dabigatran Use", Cardiology Staff Meeting, UMCRH, November 2012
2012	Lecturer, "The Implantation of TAVI in Lebanon", UMCRH Grand Round, December 6, 2012
2012	Invited Moderator, "Biolimus A9 Technologies: Insights from Current & Future Clinical Trials"; Gulf PCR 2012
2013	Lecturer, "Sharing Few Ideas on the Management of Hypertension", Cardiology Staff Meeting, UMCRH, February 1, 2013
2013	Lecturer, "Fondaparinux in ACS, Discussion based on OASIS 5 & 6", Cardiology Staff

Meeting, March 8, 2013

2013	Lecturer, "Overstepping Risks in Hypertension Management", Cardiology Staff Meeting, UMCRH, March 8, 2013
2013	Chairing Conference, Pr. Giuseppe Mancia "Early Treatment Intensification: To Whom & When". Beirut, March 8, 2013
2013	Lecturer, "New Oral Anti-Coagulant, Update on Rivaroxaban", Cardiology Staff Meeting, UMCRH, March 22, 2013
2013	Invited Lecturer, "Treating Dyslipidemia: From LDL Reduction to Cardiovascular Protection", 8th Annual Meeting of the Lebanese Society of Internal Medicine, Beirut, April 3-6
2013	Invited Lecturer, "IVUS: Challenging the Indication for Revascularization"; The 1st IVUS & Rotational Atherectomy Summit, Dubai April 2013
2013	Invited Panelist, "The 1st IVUS & Rotational Atherectomy Summit", Dubai April
2013	SPEAK Academy meeting, Updates on Dabigatran. April 25.
2013	Lecturer, "Beta-Blockers: Pharmacological review & Clinical Indications", Cardiology Staff Meeting, UMCRH, April 26, 2013
2013	Chairing the 3 rd Middle-East Hypertension Summit, Istanbul, April 27.
2013	Chairing Session "Overcoming TAVI Challenges", EuroPCR, Paris May 21
2013	Chairing Session "Non-Left Main Bifurcation Stenting", EuroPCR, Paris May 23
2013	Invited Speaker, "How Should I treat: TAVI & CAD", EuroPCR, Paris May 23
2013	Chairing Symposium, "Bioresorbable Vascular Scafolding: Daily use in the cath, lab" Dr. Jean Fajadet, Beirut, June 8.
2013	Invited Lecturer, "TAVI & CAD: How Best to Proceed?" C3 Complex Cardiovascular Catheter Therapeutics, Orlando, June 2013
2013	Lecturer, "A New Paradigm in Anticoagulation: Selective Xa Inhibition", Cardiology Staff Meeting, UMCRH, June 28
2013	Lecturer, "Cholesterol: Polemic & Debates", Grand Round, UMCRH, July 25
2013	Lecturer, "Sport & Cardiovascular Health", Conference for an Elite Biking Club. Faqra, August 11, 2013
2013	Media interview on Atrial Fibrillation, MTV, Beirut August 13
2013	Lecturer, "Sport, Performance & Cardiovascular Health", Grand Round, UMCRH October 17, 2013

2013	Chairman Session at the TCT, Approach to Complex PCI and STEMI: From Revascularization to Complication Management: TCT Mediterranean, San Francisco
2013	Invited Lecturer, "TAVI & CAD: How Best To Proceed", Lebanese Course on Revascularization, Beirut Nov. 2013
2013	Invited Lecturer, "New Horizons in Anti-Coagulation Therapy", Bayer scientific Activity, November 27, Beirut, Lebanon
2013	Invited Chairman, Biosensor Symposium, "Treating Bifurcation Lesion", Gulf PCR December 12, Dubai
2013	Invited Lecturer, "How Should I Treat a Bifurcation Lesion", Gulf PCR, Dec.12
2013	Invited Lecturer, Trans-catheter Heart Valve Excellence Club, "TAVI: Screening & Measurement Importance", Gulf PCR, Dec. 12
2014	Lecturer, "The missing component for complete management of ischemic Patients" Cardiology Staff Meeting, UMCRH, January 2014
2014	Lecturer, "HTN Treatment, New Guidelines for Better Patients Management" Cardiology staff meeting, Feb. 21
2014	Lecturer, "The Most Important Interventional News in 2013", UMCRH Grand Round, March 6
2014	Lecturer, "The Challenge of HTN Management", Cardiology Staff Meeting March 14
2014	Invited Lecturer, "Updates in the management of Dyslipidemia", Pfizer Symposium, Beirut April 8
2014	Invited Lecturer, "The Power of Hybrid Therapy in Dyslipidemia", 9 th Regional Meeting of the Lebanese Society of Internal Medicine, Beirut April 11
2014	Invited Panellist, "TAVI & Atrial Fibrillation", EuroPCR, Paris, May 21
2014	Invited Chairman, "Balloon Valvuloplasty, Pitfalls & New Approaches", EuroPCR, Paris, May 21
2014	Invited Lecturer, "Les debuts de la TAVI au Liban", Les Journees de L'Association Franco-Libano-Belge de Cardiologie, May 30, Beirut
2014	Invited Chair, Aprovasc (Irbesartan/Amlodipin combo Therapy) Launching Event: Press conference and Scientific Symposium, Beirut, Phoenicia Hotel, June 5
2014	Invited Lecturer, "Combination Strategies for HTN Management", The $14^{\rm th}$ International American Lebanese Medical Association Congress, AUBMC, Beirut June 20
2014	Invited Lecturer, "Stent Vizualisation Enhancement Technique in Daily Practice"

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Complex Cardiovascular Catheter Thrapeutics (C3), Orlando USA, June 23

2014	Invited Panellist, "Technical Guidelines for Left Main & Non Left Main Bifurcartion Stenting", C3 Meeting, Orlando USA, June 24
2014	Lecturer, "The Ideal B-Blocker, Does It Exist?" Cardiology Staff Meeting, July 18
2014	Invited Faculty at the Trans-Catheter Therapeutics (TCT), Washington, September 13-17: -Live Case Discussant, Main Arena -Discussant, TCT Mediterranean Session on "Unsettled Issues in Interventional Cardiology" -Digital Panellist, New TAVR Technologies -Digital Panellist, Below the Knee Intervention
2014	Invited Lecturer, "TAVI in Patients with CAD: What Challenge for the Physician?" 5th Middle East Cardiopace meeting, Beirut, Sep.27
2014	Presenter of a Clinical Case "Aortic Stenosis in Familial Homozygous Hypercholesterolemia". Selected in the session of "Best Clinical Cases Submission for 2014" at PCR London Valve 2014, September 30
2014	Lecturer, "Being a Referral Center: What Does It Mean?" Grand Round Lecture, LAUMC-RH, Oct. 2
2014	Invited Lecturer, "Usefulness of Stent enhancement technique in the era of Intravascular imaging", 11^{th} International Congress of the LSC, Nov. 7
2014	Workshop Leader on Complex coronary interventions with IVUS & Roatablator Hands-on, Group of 20 Iraqi cardiologists sponsored by BS, LAUMC-RH, Nov.28
2014	Gulf PCR, Dubai: -Facilitator, Interactive Case Discussion Session -TAVI Excellence Club, Invited Panellist -Panellist, Clinical Cases Submissions
2015	Lecturer, "Cardiology's Top 10 Stories of 2014", LAUMC Grand Round, Jan.22
2015	Invited Lecturer, "NOACs for secondary prevention for ACS: Right patient and Right dose". XPERT Symposium, sponsored by BAYER. Abu Dhabi January 30
2015	Lecturer, "Perindopril, The Evidence Behind", LAUMC Cardiology Staff Meeting, Feb.20
2015	Invited Lecturer, "Improving Dyslipidemia Management: An Optimal Approach For Reaching LDL Goal", Cardio metabolic Scientific Symposium, MSD, Beirut April 16.
2015	Invited Lecturer, "Challenges in Managing Hypertension in Individual Patients", Cardiovascular Summit, Abbott, Dubai, April 24, 25
2015	Lecturer, "Atorvastatin, Evidence behind the Guidelines", LAUMC Cardiology Staff

Meeting, Feb.20

2015	Invited Guest Faculty, EuroPCR 2015, Paris: -Facilitator: TAVI, Imaging & Haemodynamics -Panellist: Challenging PCI for Bypass Graft Disease -Facilitator: Clinical Outcome after TAVI Procedure
2015	Invited Guest Faculty at the C3 meeting, Orlando Florida: Panellist and Moderator Live Transmission Sessions.
2015	Invited Lecturer, "ACS, From Plaque Formation to Anti-Thrombotic Treatment", Apotec Symposium, Yerevan Armenia, July 4.
2015	Invited Lecturer. "Updates in Primary Care Management Academy", Is Lower is Better in Dyslipidaemia Management?, Beirut, September 29.
2015	Invited Lecturer, ESC Highlights 2015, "Management of High Risk Patient, The Optimum Protection". Amman October 1
2015	Invited Lecturer, "ACS Acute Management & Residual Risk Control", Grand Round, LAUMC, October 8.
2015	Invited Lecturer, "Global Review on Anti-Coagulation in ACS", LAUMC & LAU School of Pharmacy Symposium on Treatment & Prevention of Thrombosis, Oct.28
2015	Invited Lecturer, "Update on Combination Treatment in Hypertension", Bohringer Symposium, Beirut, December $\bf 1$
2015	Invited Panellist & Moderator to the GulfPCR 2015, Dubai: Main Arena session; TAVI Implanters Club.
2016	Invited Lecturer, "Highlight on Perindopril/Amlodipin Combo Treatment". Servier Round Table Symposium, Beirut, February 1.
2016	Invited Lecturer, "The Most Important Cardiology News in 2015", Grand Round, LAUMC, February 4.
2016	Invited Lecturer, "Improve LDL Level, The Latest Update", MSD scientific Symposium, Beirut, April 6
2016	Invited Lecturer to the $12^{\rm th}$ Cardiac Surgery meeting of the Euro-Asian Bridge Society, "MitraClip: Global Overview & Data from the Middle East" Beirut, April 2016
2016	Invited Guest Faculty, EuroPCR 2016, Paris: Discussant: How to Deal with Coronary Perforation in ACS Setting Discussant: When IVUS is Mandatory Facilitator: Clinical Outcome after TAVI Procedure
2016	Invited Lecturer, The Revival of Aortic Balloon Valvuloplasty, Journees de la Cardiologie Francophone de l'Association Franco-Liban-Belge de Cardiologie, Beirut, June 4

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2016	Lecturer, "Update on HTN, Focus on Olmesartan", Cardiology Staff Meeting, LAUMC, Beirut, July 13
2016	Lecturer, "Clinical Case on HTN", Cardiology Staff Meeting, LAUMC, Beirut, July 20
2016	Workshop Leader, "Updates on ACS treatment + Live Cases in the Cath Lab", Iraqi Cardiology Group, AZ Scientific Activity, LAUMC-RH, July 21
2016	Lecturer, "TAVI & Mitra Clip in High Risk Patients". Grand Round, LAUMC-RH Beirut, September 8
2016	"Aortic Balloon Valvuloplasty: A Bridge to TAVI in Multi Valvular Heart Disease Patients", Clinical Cases Interactive Case Corner, PCR London Valve London September 19.
2016	"Aortic Balloon Valvuloplasty, A bridge Over Troubled Water", Challenging Case Session, TCT, Washington, October 29, 2016
2016	Invited Lecturer, "Improve LDL Cholesterol in High Risk Patients", MSD Symposium for Iraqi Cardiology group, Beirut Nov. 24
2017	Invited Lecturer, "Trimetazidine in Ischemic Heart Disease", Servier Expert meeting group, Beirut Jan.26
2017	Lecturer, "Top Cardiology News in 2016", Grand Round, LAUMC-RH Beirut Feb. 2
2017	Invited Lecturer, "TAVI: Mid & Long-Term Outcome, What the Randomised Trials Tell Us?" 6^{th} Middle East Cardio-Pace, Beirut April 4
2017	Invited Lecturer, "Beyond Statin Monotherapy", MSD Launching campaign for Atozet: A combination treatment for Dyslipidaemia. Beirut May 23
2017	Invited Lecturer, "Unusual Approach to Challenging Bifurcation Lesions", LSC Symposium, under the Patronage of Dr J. Fajadet, July 8, Beirut.
2017	Invited Lecturer, "NOAC in NVAF, Data from the Real-World Practice", Boehringer Scientific Activity, September 28.
2017	Presenter Challenging Clinical Case, "My Toughest TAVI Case", TCT Denver Oct. 30
2017	Invited Lecturer, "40 Years of PCI", 7^{th} Lebanese Course on Revascularization, Beirut, November 2
2017	Chairman of 2 Sessions on Structural Heart Disease, 7^{th} Lebanese Course on Revascularization, Beirut, November 2
2017	Invited Lecturer, "PCSK9 Inhibitors: Where Do We Stand?" Keynote Lecture at The Annual Preceptor Appreciation Event, LAU School of Pharmacy, Le Royal. December 5. <i>CME Accredited Lecture</i> .

CURRICULUM VITAE $\textbf{GEORGES GHANEM} \; \textbf{MD, FESC, FACC}$

2017	Invited Faculty, GulfPCR Dubai, December 13-14:1. Chairperson, Evolut Innovation: A versatile Platform To Advance	
	Offerings to More Patients	
	2. Facilitator, Clinical Cases Submissions3. Speaker, Long Calcified Lesions; How Should I Treat?	
	3. Speaker, hong calcined hesions, flow should rifeat:	
2018	Invited Lecturer, "Challenging Clinical Cases of Atrial Fibrillation & Acute Coronary Syndrome PCI + DES", Bayer Expert Meeting, Beirut, February 15.	
2018	Invited Lecturer, "Aggressive Cholesterol Treatment: Where Do We Stand?", MSD Scientific Symposium, Beirut, March	
2018	Hosting, Lecturing & Live Transmission on Complex Percutaneous Coronary Intervention for 20 Interventional Cardiologists from MENA region, sponsored by Boston-Scientific. LAUMC-RH, March 8.	
2018	Chairman session on Aortic Stenosis, Lebanese Society of Cardiology Symposium, Mzaar, March 17	
2018	Invited Lecturer and Moderator, Advanced Technologies Summit , Dubai April 7, "Any 2nd generation DES can be used with very short DAPT"	
2018	Invited Lecturer, "The New Com-Back of Clopidogrel in ACS", Athens, April 14, Apotex Scientific Symposium.	
2018	Invited Moderator, "A PARADIGM SHIFT FOR TREATING DYSLIPIDEMIA" , MSD Scientific Symposium, Beirut May 10	
2018	Faculty Speaker at the EuroPCR, Paris May 2018: - Session Panellist, Knots & Fractures: How to Deal with Mechanical Catheter Failures.	
	-Speaker, Using Side-Branch to Facilitate CTO or Bifurcation Lesion Crossing	
2018	in Specific Situation. Invited Lecturer, Expert meeting on Dabigatran use in patients with CAD + AF, Bohringer Scientific Activity, May 28, Beirut, Lebanon	
2018	Faculty Chairman at the European PCI Expert Meeting – Great Minds, Vienna June 15-16	
EDITORIALS, REVIEWS, MEDIA & OTHER PUBLICATIONS		
2001	La Renaissance? Quand l'état admettra qu'il a besoin du peuple	

2001	La Renaissance? Quand l'état admettra qu'il a besoin du peuple L'Orient Le Jour, 16 Mars 2001
2003	Et la Société Libanaise de Cardiologie Continue Lebanese Society of Cardiology Editorial Newsletter Oct 2003; 13(4)
2004	Opinion Lebanese Society of Cardiology Editorial Newsletter Ian 2004: 14(1)

2005 La Flamme de l'Histoire. L'Orient Le Jour, 23 Février 2005 2005 Pour un Liban Libre. L'Orient Le Jour, 1 Mars 2005 2005 L'heure de Gloire! L'Orient Le Jour 09 Mars 2005 2005 Demander l'impossible... L'Orient Le Jour, 26 Mars 2005 2006 **Editorial** Heart News Bulletin. 1st issue January 14th 06 2006 Un Cri du Cœur L'Orient Le Jour, 2 Décembre 2006 2006 Cardiology in a War Zone Interview to Circulation, August 8, 2006 page f 122 2007 Le Profil du Président L'Orient Le Jour, 2 Juin 2007 2007 **Editorial** Editorial, Rizk Journaliyat, September 07 2007 The LSC at Euro-PCR 07 Editorial, Heart News, December 07 2008 La Conscience Collective L'Orient Le Jour, 12, Janvier 2008 2008 Gare a une société qui connait le prix de tout et la valeur de rien L'Orient Le Jour, 24, Janvier 2008 2008 Ni Darius ni Zopyros L'Orient Le Jour, 7 Novembre 2008 2008 L'indépendance, le subtil jeu des symboles L'Orient Le Jour 27 Novembre 2008 Yes We Have A Dream! Internal letter, UMC-RH, July 2009 2009 2009 Beyrouth a l'heure Suisse. L'Orient Le Jour, 15 Décembre 2009 2010 Les Escaliers d'Ashrafieh L'Orient Le Jour, 19 Février 2010 2010 Ignorance ou Apathie! L'Orient-Le-Jour, 19 Décembre 2010

MEDIA INTERVIEWS

-More than 50 interviews, debates and press conferences in local and regional audio-visual and written press Medias.

BOOKS

1- Presidential speeches, compilation of speeches during 2005-2007 mandate as president of the LSC

BIBLIOGRAPHY

Manuscripts

- 1. Michel PL, Houdart E, **Ghanem G**, Badaoui G, Hage A, Acar J. Combined aortic mitral and tricuspid surgery results in 78 patents. *European Heart Journal*, 1987; 457-463
- 2. Michel PL, Vitoux B, **Ghanem G**, Acar J. Mitral calcification in aortic stenosis. *European Heart Journal*, 1989; 99 (Suppl E):77-82
- 3. Vahanian A, Michel PL, Cormier B, **Ghanem G**, Acar J. Immediate and mid term results of percutaneous mitral commissurotomy. *European Heart Journal, 1991; 12 (Suppl. B):84-89*
- 4. **Ghanem G.** Les dilatations valvulaires: A quand la prise en charge? *Journal Médical Libanais,* 1993; *Vol* 41(N°1): 50-51
- 5. Iung B, Vahanian A, Michel PL, Cormier B, **Ghanem G**, Dadez E, Elias J, Uzan S, Acar J. La commissurotomie mitrale percutanée durant la grossesse. *Ann Med Interne*, 1993;144:437
- 6. Iung B, Luxereau P, Nollet O, Farah E, **Ghanem G**, Acar J. Conduite à tenir dans les valvulopathies aortiques sténosantes avec atteinte coronaire. *Archive des Maladies du Cœur, 1993;86:134*
- 7. Chammas E, **Ghanem G**, Tarsha W, et al. L'Echographie transoesophagienne: techniques, indications, limites. *Journal Médical Libanais*, 1994;42:25-28
- 8. Jazra C, Jahjah F, Tarsha W, **Ghanem G**. Les fistules coronaro-cardiaques, revue de la littérature a propos de deux cas de découverte fortuite. *Journal Médical Libanais*, 1995;43(3):162-165
- 9. **Ghanem G**, et al. La commissurotomie mitrale percutannée. L'expérience Libanaise. *Journal Médical Libanais*, 1995;43(2):58-61
- 10. Chammas E, **Ghanem G**, Tarsha W, et al. Calcul de la surface du retrécissement mitral en utilisant le flux couleur par échographie transoesophagienne multiplan. *Journal d'Échographie et de Médecin par Ultrasons*, 1998;19(5):390-393
- 11. Chammas E, Khoury J, **Ghanem G**, et al. Intérêt de l'échographie transoesophagienne dans le bilan d'un accident embolique périphérique. *Journal Médical Libanais*, 1998;46(4):194-198

- 12. Abou-Charaf, L.C., Ghanem, G., Sami, L., Haddad, J.
- Congenital heart disease balloon dilation of 18 cases of pulmonary valve stenosis [Cardiopathies congenitales: Dilatation par ballon de 18 cas de stenoses pulmonaires valvulaires] (1999) Revue Medicale Libanaise, 11 (1), pp. 7-9.
- 13. Chammas, E., El-Khoury, J., Barbari, A., Kamel, G., Karam, A., Tarcha, W., **Ghanem, G.,** Stephan, A. Early and late effects of renal transplantation on cardiac functions (2001) Transplantation Proceedings, 33 (5), pp. 2680-2682.
- 14. Akl ML, **Ghanem G**, et al. Angioplastie coronaire: de la thrombose à la resténose, mécanisme et prévention. *Medicophonie, 2003; 17:16-20*
- 15. **Ghanem G**. Cardiology in a War Zone. Interview to *Circulation, August 8, 2006 p f 122*
- 16. Chammas E, Dib C, Rahhal M, Helou T, **Ghanem G**, Tarsha W. Noninvasive assessment of coronary flow reserve in the left anterior descending artery by transthoracic echocardiography before and after stenting. *Echocardiography*, 2007; 24(8):789-794
- 17. Sarkis A, Maaliki S, Haddad A, Hatem J, **Ghanem G**. An unusual complication of coronary angiography: Bidirectional dissection of the right coronary artery and the ascending aorta. *International Journal of Cardiology 10255, 2007*
- 18. Badr K, Merad Boudia K, Alami M, Khoja W, Belhani A, Nawar M, Ragy H, Ishaq M, Baron M, Hammoudeh A, De Mar Youssef S, Nakhle R, Chalfoun A, and **ACTION Survey Group**. Physician Assessment of Stroke Risk in Hypertensive Patients in the Middle East and Africa: Results of the Action Survey. *Ethnicity & Disease*, 2007; 17(17):274-279
- 19- Chammas Elie ... and **Ghanem Georges**. Myocardial Perfusion in Patients With a Totally Occluded Left Anterior Descending Coronary Artery Reinjected by a Normal Right Coronary Artery: The Role of Collateral Circulation. *Angiology Volume XX Number X Month XXXX xx-xx 2008 Sage Publications*
- 20- Abla M Sibai1, Rania A Tohme1,*, Georges A Saade2, **Georges Ghanem3**, Samir Alam4 and for the Lebanese Interventional Coronary Registry Working Group
 The appropriateness of use of coronary angiography in Lebanon: implications for health policy. **Health Policy and Planning Advance Access published online on March 20, 2008**Health Policy and Planning, doi:10.1093/heapol/czn005
- 21- Antoine Sarkis, Salem Maaliki, Antoine Haddad, Joe Hatem, **Georges Ghanem** An unusual complication of coronary angiography: Bidirectional dissection of the right coronary artery and the ascending aorta. *International Journal of Cardiology 132 (2009) e20–e22*
- 22- GHANEM Georges MD, FACC, FESC; the 1st Mechanical Heart Transplant at Clemenceau Medical Center, affiliated with Johns Hopkins International. PIANO, CMC publication Issue, Mar-Aug 2011
- 23- Study Investigator: Efficacy and safety of early versus late titration of fixed-dose irbesartan/hydrochlorothiazide: ACTUAL study. *Blood Pressure*, 2011; 20 (suppl): 22-29
- 24- Study Investigator: Prevalence of Heart Failure With Preserved Ejection Fraction in Latin American, Middle Eastern, and North African Regions in the I PREFER Study (Identification of Patients With Heart Failure and PREserved Systolic Function: An Epidemiological Regional Study). *American Journal of Cardiology*, 2011.06.044

25- Ayman Hammoudah, Akram Echtay, **Georges Ghanem**, Jihad Haddad "**Achieving low-density** lipoprotein cholesterol treatment goals among dyslipidemic individuals in the Levant: The CEntralized Pan-Levant Survey on tHE Undertreatment of hypercholeSterolemia (CEPHEUS) study", Current Medical Research & Opinion *online publication*. June 3, 2014. Paper publication in press

26- Transcatheter Aortic Valve Implantation: The Acute and 6-Month Outcomes of the First Lebanese Experience

Essa H. Hariri1#, B.S., Ahmad A. Hachem1#, B.S., Nibal R. Chamoun2, 4, Pharm.D, Elie K. Haddad3, M.D., Diana F. Tamer2, RPh., George A. Sarkis3, M.D., and **Georges Y. Ghanem1, 4*, M.D.**

denotes equal contribution

* Corresponding author

Lebanese Medical Journal, April 2017 edition Issue 65-Volume 2.

27- Study Investigator: Physicians' Guideline Adherence is Associated With Better Prognosis in Outpatients With Heart Failure With Reduced Ejection Fraction – QUALIFY International Registry European Journal of Heart Failure (2017)

Abstracts Presented & Published

- 1. Vahanian A, Michel PL., Cormier B, **Ghanem G**, Acar J. Mid term results of mitral balloon valvotomy for re-stenosis after surgical Commissurotomy. 63rd Scientific Session of the American Heart Association 1990, Dallas Suppl to Circulation
- 2. Vahanian A, Michel PL, Cormier B, **Ghanem G**, Acar J. Percutaneous mitral commissurotomy in patients over 70 years of age. XIIth Congress of the European Society of Cardiology, 1990, Stockholm Suppl to European Heart Journal
- 3. Vahanian A, Michel PL, Cormier B, **Ghanem G**, Acar J. Percutaneous mitral commissurotomy immediate results. XIIth Congress of the European Society of Cardiology, 1990, Stockholm Suppl to European Heart Journal
- 4. Vahanian A, Michel PL, Cormier B, **Ghanem G**, Acar J. Surgery for complications following percutaneous mitral commissurotomy. *XIIIth Congress of the European Society of Cardiology, 1991, Amsterdam Suppl to European Heart Journal*
- 5. Vahanian A, Michel PL, **Ghanem G**, Cormier B, Acar J. Mid term clinical follow-up of percutaneous mitral commissurotomy. 64^{th} Scientific Session of the American Heart Association, 1991, Anaheim, CA Suppl to Circulation.
- 6. Vahanian A, Michel PL, **Ghanem G**, Cormier B, Acar J. Mid term clinical follow-up of percutaneous mitral commissurotomy. *XIIIth Congress of the European Society of Cardiology*, 1991, *Amsterdam Suppl to European Heart Journal*
- 7. Vahanian A, Michel PL, Cormier B, **Ghanem G**, Acar J. A prospective evaluation of stepwise mitral balloon dilatation using the Inoue technique. 64th Scientific Session of the American Heart Association, 1991, Anaheim, CA Suppl to Circulation

- 8. Vahanian A, Michel PL, Cormier B, **Ghanem G**, Acar J. Spontaneous echo contrast before and after percutaneous mitral commissurotomy. *XIIIth Congress of the European Society of Cardiology*, 1991, Amsterdam Suppl to European Heart Journal
- 9. Vahanian A, Michel PL, **Ghanem G**, Cormier B, Acar J. Percutaneous mitral balloon valvotomy in patients with a history of embolism. *64th Scientific Session of the American Heart Association*, *1991*, *Anaheim, CA Suppl to Circulation*.
- 10. Vahanian A, Michel PL, **Ghanem G**, Cormier B, Acar J. Percutaneous mitral balloon valvotomy in patients with a history of embolism. *XIIIth Congress of the European Society of Cardiology, 1991, Amsterdam Suppl to European Heart Journal*
- 11. Vahanian A, Michel PL, **Ghanem G**, Cormier B, Acar J. What is the risk of percutaneous mitral commissurotomy in a high volume center. 64th Scientific Session of the American Heart Association, 1991, Anaheim, CA Suppl to Circulation.
- 12. Vahanian A, Michel PL, **Ghanem G**, Cormier B, Acar J. What is the risk of percutaneous mitral commissurotomy in a high volume center? *XIIIth Congress of the European Society of Cardiology*, 1991, Amsterdam Suppl to European Heart Journal
- 13. Vahanian A, Michel PL, **Ghanem G**, Cormier B, Acar J. Anatomic features, mechanism and surgical treatment of severe mitral regurgitation after percutaneous balloons valvotomy. 65th Scientific Session of the American Heart Association, New Orleans, 1992 Suppl to Circulation
- 14. Vahanian A, **Ghanem G**, Michel PL, Cormier B, Acar J. The risk of embolic events during percutaneous mitral commissurotomy. 42nd Scientific Session of the American College of Cardiology, 1993; 21(Suppl A):350 A
- 15. Chammas E, **Ghanem G**, Aboucharaf C, et al. Intérêts de l'échographie transoesophagienne et épicardique en préopératoire. *Abstract à l'Ilème Congrès International de Cardiologie de la Société Libanaise de Cardiologie. Oct 1994*
- 16. Chammas E, **Ghanem G**, Tarsha W, et al. A new method of determination of mitral valve area by omniplane transesophageal doppler color flow in mitral stenosis. *Abstract au IIème Congrès International de Cardiologie de la Société Libanaise de Cardiologie. Oct.* 1994
- 17. **Ghanem G**, Tarsha W, Chammas E, et al. La commissurotomie mitrale percutannée: L'expérience Libanaise. *Abstract au IIème Congrès International de Cardiologie de la Société Libanaise de Cardiologie. Oct 1994*
- 18. Chammas E, **Ghanem G**, Tarsha W, Germanos S. Determination of mitral valve area by omniplane transoesophageal doppler color flow in mitral stenosis. *XIth International Congress of Echocardiography. June 1995. Paris, France*
- 19. Chammas E, Barbari A, Tarsha W, Kamel G, **Ghanem G**, Karam A, Germanos S, Stephan A. Early Effects of Renal Transplantation on Left Ventricular Systolic and Diastolic Function. 3ème Congrès Interventionnel de la Société Libanaise de Cardiologie. Oct. 1996
- 20. Chammas E, Yatim A, **Ghanem G**, Tarsha W, Jazra C, Jahjah F, Zalloum R, Germanos S, Aboujaoude F. Comparison between a new myocardial imaging agent, 99mTc tetrofosmin and coronary angiography. 3ème Congrès Interventionnel de la Société Libanaise de Cardiologie. Oct. 1996

- 21. Chammas E, **Ghanem G**, Tarsha W, Germanos S. Determination of mitral valve area by omniplane transoesophageal doppler color flow in mitral stenosis. *European Society of Cardiology* 1996 Birmingham Suppl. to European Heart Journal, Abstract Vol.17, p 379.
- 22. **Ghanem G**, Chammas E, Tarsha W, Germanos S. Percutaneous Mitral Commissurotomy: The first Lebanese experience. *Journées Européennes de la Société Française de Cardiologie. P221. Paris, Jan 1997*
- 23. **Ghanem G**, Tarsha W, Chammas E, Germanos S. A new simple method for mitral regurgitation detection during percutaneous mitral commissurotomy. *Journées Européennes de Cardiologie. P203. Paris, Jan 1998*
- 24. **Ghanem G**, Chammas E, et al. Ostium secundum atrial septal defect in adults. *Abstract.* 4th *International Congress of the Lebanese Society of Cardiology. Oct 1998*
- 25. **Ghanem G**, Tarsha W, Chammas E, et al. Résultats immédiats et à long terme de la commissurotomie mitrale percutannée: l'Expérience Libanaise. 2ème Congrès Francophone de Cardiologie Interventionnelle. Paris. P34.1999
- 26. **Ghanem G**. The Med Stent Registry: 6 months MACE rate with the Medtronic S 670 coronary stent. *3ème Congrès Francophone de Cardiologie Interventionnelle. Paris. P17. 2001*
- 27. Chammas E, Yatim A, **Ghanem G**. Evaluation of TC-99m tetrofosmin scan for coronary artery disease diagnosis. *Asian Cardiovascular and Thoracic Annals.* 2002; 10(3)
- 28. **Ghanem G**. The Med Stent Registry: 6 months MACE rate with the Medtronic S 670 Coronary Stent. *3ème Congrès Francophone de Cardiologie Interventionnelle. Abstract*
- 29. **Ghanem G**. The Med Stent Registry: 6 months MACE rate with the Medtronic S 670 Coronary Stent. 14th World Congress of Cardiology. Sydney, Abstract Journal of the American College of Cardiology, 2002.
- 30. Chammas E, **Ghanem G**, Tarsha W. Calcul de la réserve coronarienne sur l'artère interventriculaire antérieure avant et après angioplastie par échographie transthoracique. XVème Congrès International d'Echocardiographie de Paris, Juin 2003. Archives des Maladies du Cœur et des Vaisseaux, Tome 96, n°5, Mai 2003.
- 31. Chammas E, **Ghanem G**, Tarsha W. Clinical interest of color doppler tissue imaging in the evaluation of aortic valve stenosis. Abstract 8th International Society of Cardiac Ultrasound Congress, Antalya, May 2004
- 32. Chammas E, **Ghanem G**, Tarsha W. Coronary flow reserve of the left atrium descending artery by transthoracic echocardiography before and after stenting. Abstract.8th International Society of Cardiac Ultrasound Congress, Antalya, May 2004
- 33. **Ghanem G, et al.** ASD closure by Amplatzer device. Abstract. *VI*th *International Congress of the Lebanese Society of Cardiology Oct 2004, Beirut.*
- 34. Chammas E, Tarsha W, **Ghanem G**, Yatim A. SPECT results in patients with a total occlusion of the left anterior descending artery reinjected by the right coronary artery. *European days of the French Society of Cardiology, Paris, Jan 05. Archives des Maladies du Cœur, Tome 98, PC 570.*

- 35. **Ghanem G**, et al. Enoxaparin in Percutaneous Coronary Intervention: Finding the optimal dose. XVth European days of the French Society of cardiology, Paris, Jan 05. Archives des Maladies du Coeur, Tome 98, P 636.
- 36. **Ghanem G**, Lawand S, Abshee A, Dada S, Badaoui G, Haddad J, Khoury N, Farhat F. *Findings from the Lebanese registry on acute coronary syndromes*. *XVIIth European days of the French Society of Cardiology, Archives des Maladies du Cœur et des Vaisseaux, Tome 100 N special, Jan 07, PC893*
- 37. G. Saade, A. Sarkis, **G. Ghanem**, J. Haddad, S. Dada, C. Abdallah, G. Kiwan, M. Tabbal, W. Chalak, F. Farhat Lebanese Society of Cardiology. *Use of national intervention coronary registry data* as evaluation tools for cardiovascular prevention strategies and treatment in developing countries. European society of Cardiology congress 2009, Barcelona, P 3119 Supplement to the EHI, Sep 2009
- 38 **Ghanem G**, "Management of Cardiac Hemopericardium during Percutaneous Mitral Commissurotomy", 6th annual **C**³ *Complex Cardiovascular Catheter Therapeutics: Advanced Endovascular and Coronary Intervention Global Summit* Baltimore, Maryland, June 2010
- 39- T.Majwal, W. Ahmad, G. Ghanem & Al, Major Cardiovascular events after coronary Everolimus-eluting stent in diabetic patients. The Middle East diabetic Xience registry (MEDIX). Euro-PCR, May 2011, Paris, France

40- World Congress of Cardiology 2012

Dyslipidemia

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Reaching low-density lipoprotein cholesterol target levels among dyslipidemic individuals in the Levant region

(Jordan and Lebanon): The CEntralized Pan-Levant Survey on tHE Undertreatment of HypercholeSterolemia (CEPHEUS study)

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41- Target low-density lipoprotein cholesterol levels attainment among dyslipidemic individuals in the Levant region (Jordan and Lebanon)

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EuroPRevent 2012 meeting, Dublin 3-5 May 2012

European Journal of Preventive Cardiology (May 2012) 19 (Supplement 1), S21.

42- Use of national intervention coronary registry data as cardiovascular surveillance system in developing countries. *P849*

Authors: G. Saade, A. Sarkis, G. Ghanem & Co.

Congress of the European Society of Cardiology, Munich 2012.

1 -

- 43- The centralized pan-Levant survey on the under-treatment of hypercholesterolemia (CEPHEUS-Levant), analysis of predictors of cholesterol goal attainment. <u>P5680</u>
 Authors: O. Hamoui, H. Abu Hantash, E. Chammas, G. Ghanem, A. Hammoudeh
 Congress of the European Society of Cardiology, Munich 2012.
- 44- Aortic Stenosis in Familial Homozygous Hypercholesterolemia. G. Ghanem Oral Presentation at PCR London Valve, September 2014.
- 45- Evaluation of Non-Surgical Venous Thromboembolism Prophylaxis Dosing Strategies: Enoxaparin 20mg versus 30mg Subcutaneously Once Daily in Elderly Patients with Impaired Renal Function

Chamoun N.1, Ghanem H.2, Hachem A.6, Hariri E.5, **Ghanem G.3**, Mansour H.1, Zalloum R.3, Dimassi H.4, Lteif C. 1

Anticoagulation Forum, 14TH National Conference April20-22, 2017 LA-USA

Book Chapters

- 1. Michel PL, Vitoux B, **Ghanem G**, Acar J. **Early or delayed surgery in acute native or aortic valve endocarditis. Infective Endocarditis**, *ICR publishers*, *London BPCC Hazell Books*.
- 2. **Georges Ghanem, The History of Interventional Cardiology in Lebanon: Snapshots and Achievements.** Book: The Order of Physicians...after half a century. From Pioneers...to a promising future **01-05-2013 Lebanese Medical Journal 2013 Volume 61 (supplement)**

Doctorate

1. **Ghanem G.** Embolie paradoxale: Cas clinique et revue de la littérature. *Mémoire du Diplôme Interuniversitaire de Spécialisation - Oct. 1988 (Avec félicitations du Jury)*