



Advanced Scientific Programme

ARRHYTHMIAS

ECG WORKSHOP PART I (workshop)

Presentations:

Fundamentals of ECG interpretation
Chamber hypertrophy and enlargement
Myocardial ischemia and infarction
Metabolic abnormalities and normal variants

ECG WORKSHOP PART II (workshop)

Presentations:

Bradycardias
Narrow complex tachycardias
Wide complex tachycardia
Heart rhythm device tracings

INHERITED ARRHYTHMIAS (Symposium)

Presentations:

Arrhythmias in congenital heart disease
Brugada syndrome and early repolarization
Catecholaminergic polymorphic ventricular tachycardia and long QT/short QT
Hypertrophic cardiomyopathy
Arrhythmogenic right ventricular dysplasia / cardiomyopathy

MANAGEMENT OF ATRIAL FIBRILLATION: AN UPDATE (Symposium)

Presentations:

Evaluation and risk stratification
Rate control vs rhythm control
Stroke prevention in AF: drugs and devices
Ablation

ATRIAL FIBRILLATION: MECHANISMS AND EPIDEMIOLOGY (Symposium)

Presentations:

Mechanisms
Global Perspective (epidemiology)
Genetics of atrial fibrillation



**WORLD HEART
FEDERATION®** | **World Congress
of Cardiology**

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Atrial fibrillation in specific populations (elderly, pregnancy, athletes, heart failure,...)
Evaluation of AF after a therapeutic procedure



ARRHYTHMIAS AND SUDDEN DEATH IN ATHLETES (Symposium)

Presentations:

Mechanisms
Epidemiology
Screening
Treatment

SUDDEN CARDIAC DEATH (Symposium)

Presentations:

Mechanisms
Epidemiology
Evaluation
Prevention
AHA update on treatment (emergency cardiac care,...)

AHA: STRENGTHENING THE CHAIN OF SURVIVAL - FROM BENCH TO COMMUNITY (Symposium)

Presentations:

Resuscitation science from bench to community to bench
Community readiness: importance of each link in the chain of survival
Progress and lessons learned from a community effort
International perspective

SYNCOPE (Symposium)

Presentations:

Epidemiology
Mechanisms
Evaluation
Therapy: drugs and pacing
Economic and social impact

CASE PRESENTATIONS: ASYMPTOMATIC ARRHYTHMIAS (Workshop)

Presentations:

3 case discussions

ANTIARRHYTHMIC DEVICES 2012 (Symposium)

Presentations:

ICDs (primary and secondary prevention)
Optimizing patient selection for ICDs
Cardiac resynchronization therapy - indications
Cardiac resynchronization therapy - predicting the responder
The current status of subcutaneous S-ICD therapy



HEART FAILURE / LEFT VENTRICULAR FUNCTION / MYOCARDIAL FUNCTION

MOLECULAR TARGET OF HEART FAILURE THERAPY FOR THE CLINICIAN (Symposium)

Presentations:

Titin dynamics for the heart
Cardiac metabolism in heart failure
Nuclear protein complex involved in myocardial pathological growth
Autoimmune mechanisms

ADVANCED HEART FAILURE (Symposium)

Presentations:

Approach to advanced heart failure
Role of LV assist devices in advanced chronic heart failure
LV reconstruction surgery after the STICH trial
Cardiac transplantation – what is new?

CARDIOMYOPATHIES AROUND THE WORLD (Symposium)

Presentations:

Epidemiology and pathophysiology of Chagas disease in the world
Clinical risk stratification and treatment options for Chagas disease
Hypertrophic cardiomyopathy – an update and global perspective
Changing epidemiology of myocarditis around the world
Recent advances in the diagnosis and management of endomyocardial fibrosis

CARDIORENAL SYNDROMES (Symposium)

Presentations:

Epidemiology of cardio renal syndromes
The pathophysiology and classification of cardiorenal syndromes
Biomarkers for diagnosis and prognosis
Management of cardiorenal syndromes
Non-pharmacological management of cardiorenal syndromes – ultrafiltration, dialysis

HEART FAILURE: STATE OF ART (Symposium)

Presentations:

Changing epidemiology of heart failure worldwide
Diagnostic advances in heart failure: imaging and biomarkers
Pharmacological treatment for heart failure
Device based therapies for heart failure



Community management of heart failure: continuity & quality of care

DRUGS FOR HEART FAILURE: FROM TRIALS TO PRACTICE (Symposium)

Presentations:

Aldosterone blockade: new, old or revival?
Loop diuretics: dose and strategies
If channel blockers to slow heart rate
Renin inhibition and heart failure: an emerging tool?
Relaxin in acute heart failure

INNOVATIVE THERAPIES IN HEART FAILURE (Symposium)

Presentations:

Selective cardiac myosin activators
Calcium sensitizers
Relaxin in acute heart failure
Vasopressin antagonist
Human gene therapy for phospholamban and other novel targets

ACUTE HEART FAILURE: UPDATE 2012 (Clinical Seminar)

Presentations:

Epidemiology
Pathophysiology
Emergency department management
In-hospital management
Post discharge management

FUNCTIONAL MITRAL REGURGITATION (Symposium)

Presentations:

Mitral regurgitation in heart failure
Imaging of mitral regurgitation
Medical therapy and dealing with co-morbidities
Surgical approaches to mitral regurgitation
Percutaneous mitral repair

ATRIAL FIBRILLATION AND HEART FAILURE (Symposium)

Presentations:

Atrial fibrillation and heart failure: epidemiology and challenges
Drug therapy for atrial fibrillation and heart failure – how and for what goals?
Atrial fibrillation and heart failure. The role of AF substrate ablation. When and for whom?
Atrial fibrillation and cardiac resynchronization therapy. How to achieve the best results?
Atrial fibrillation in challenging situations: pulmonary and systemic hypertension



HEART FAILURE AND PREGNANCY (Symposium)

Presentations:

Epidemiology and diagnosis of heart failure in pregnancy
Congenital heart disease and pregnancy
Cardiomyopathy and pregnancy
Anticoagulation and treatment challenges in pregnancy

HEART FAILURE AND EXERCISE TRAINING. UPDATE. (Symposium)

Presentations:

Evaluation and principles of exercise training in heart failure patients
Assessing effectiveness of physical training in chronic heart failure
Physical exercise in HF patients: effects on morbidity, mortality and quality of life
Innovative approaches to exercise training in different parts of the world
Exercise training for the patients post transplant or VAD implantation

STATE OF ART: BIOMARKERS IN HEART FAILURE (Symposium)

Presentations:

Natriuretic peptides for diagnosis of heart failure
Mid-regional pro-hormone markers in heart failure
ST-2 and galectin-3 in heart failure
Growth differentiation factor-15 and novel markers in heart failure
A multi-marker approach in heart failure

VALVULAR DISEASE / PULMONARY CIRCULATION / MYOCARDIAL- PERICARDIAL DISEASE

CHALLENGES IN THE MANAGEMENT OF AORTIC STENOSIS (Workshop)

Presentations:

Transcatheter aortic valve implantation
Asymptomatic patients with severe aortic stenosis
State-of-the-art of aortic valve replacement
How to assess severity

CONTROVERSIES IN MITRAL VALVE DISEASE (Symposium)

Presentations:

Asymptomatic mitral regurgitation
Moderate ischemic MR is repair indicated?
Interventions for the RHD mitral valve
Tips and tricks in mitral surgery



CONTEMPORARY ASPECTS OF INFECTIVE ENDOCARDITIS (Symposium)

Presentations:

Endocarditis guidelines, prophylaxis and treatment
The changing epidemiology of infective endocarditis
Surgical management of infective endocarditis
Lead-dependent infective endocarditis

MIXED VALVULAR DISEASE (Symposium)

Presentations:

Exercise echo in mitral valve disease
Balloon mitral valvotomy
Asymptomatic aortic stenosis
How to avoid patient prosthesis mismatch

RHEUMATIC HEART DISEASE - THE LATEST (Symposium)

Presentations:

RHD diagnosed by screening echocardiography - are we going too far?
Echocardiographic screening for rheumatic heart disease in Africa. The practicalities.
Controlling rheumatic fever - the balance of primary, secondary and tertiary prevention
Progress in rheumatic fever vaccine development
Making major progress in controlling rheumatic fever in the next five years

BARRIERS TO PREVENTION, CONTROL AND TREATMENT OF RHEUMATIC HEART DISEASE (Symposium)

Presentations:

Comprehensive control of rheumatic heart disease in the South Pacific
Secondary prophylaxis for rheumatic heart disease in Ethiopia
RHD prevention and control in Brazil
Diagnosis of rheumatic heart disease: challenges and impact
Screening for rheumatic heart disease - an overview of the major issues

LESSONS FROM THE STOP RHEUMATIC HEART DISEASE A.S.A.P. PROGRAMME IN AFRICA (Symposium)

Presentations:

Incidence of Rheumatic Heart Disease in Urban South Africa and Implications for Notification System
Screening for rheumatic heart disease in school children: echocardiographic criteria and indications for secondary prophylaxis
The molecular epidemiology of streptococcal pharyngitis in Cape Town and implications for vaccine to prevent rheumatic fever
A registry-based prevention programme for rheumatic heart disease in Ethiopia
Working with governments to prevent rheumatic fever: lessons from Namibia

RHEUMATIC HEART DISEASE IN SOUTH AND CENTRAL ASIA (Symposium)



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Presentations:

Rheumatic heart disease in India: epidemiology and barriers to prevention and control
Rheumatic heart disease in urban Pakistan: progress and challenges
Rheumatic heart disease prevention and control: barriers and best practice in Bangladesh
Unanswered questions in the research agenda: focus on South Asia
Prevention, control and treatment of RHD in Afghanistan: what is feasible?

RHEUMATIC HEART DISEASE: TRAINING AND AWARENESS (Symposium)

Presentations:

RHD Training and public awareness: ASAP
Lessons from the South Pacific
Communicating about RHD with Brazilian adolescents
Advocacy, awareness and training in RHD control: experiences in Nepal
RHD awareness in Nairobi slums

RHEUMATIC HEART DISEASE: TREATMENT (Symposium)

Presentations:

Interventional procedures for mitral valve damage from rheumatic heart disease
Simple and cost-effective valve repair for rheumatic heart disease
Surgical repair of mitral valve damage from rheumatic heart disease
The surgical approach to rheumatic heart disease
Tertiary care for patients with RHD: The challenge of equity and universal access

ACUTE PULMONARY EMBOLISM 2012 (Clinical Seminar)

Presentations:

Pulmonary embolism as a diagnostic challenge
Treatment strategies in pulmonary embolism
Pulmonary embolism in pregnancy - clinical challenges
Pulmonary embolism in real life - registries

PULMONARY HYPERTENSION - ACHIEVEMENTS AND UNMET NEEDS (Symposium)

Presentations:

Pulmonary arterial hypertension
Treatment of idiopathic pulmonary artery hypertension
Chronic thromboembolic pulmonary hypertension
Pulmonary hypertension due to pulmonary diseases

ESC: CARDIOVASCULAR DISEASE - WORLDWIDE CHALLENGE TARGETED BY INNOVATIONS (Symposium)

Presentations:

Resistant hypertension - renal denervation
Peripartal cardiomyopathy - bromocriptine



Valve disease - interventional treatment

Coronary artery disease - if-channel inhibition

UPDATE ON MANAGEMENT OF CARDIOMYOPATHIES (Symposium)

Presentations:

Idiopathic dilated cardiomyopathy

Hypertrophic cardiomyopathy

Chagas cardiomyopathy

Differentiating cardiomyopathies with normal ejection fraction

EMERGING FORMS OF PERICARDIAL DISEASES (Clinical Seminar)

Presentations:

Tuberculous pericarditis

Pericardial injury and postpericardiotomy syndromes

Neoplastic pericardial disease

Isolated pericardial effusion

Improved differential diagnosis and treatment of pericardial effusions by pericardioscopy and targeted biopsy

BCS: THE LATIN-AMERICAN GUIDELINES FOR CHAGAS HEART DISEASE MANAGEMENT (Clinical Seminar)

Presentations:

Highlights of the Latin-American Guidelines for Chagas Heart Disease

Evidence-Based Etiologic Agent Treatment: One Step Ahead for Heart Disease Prevention?

Image Methods Guidance: From its Identification to Life-long Monitoring

Cardiac Surgery Performance: When and How We Should Recommend It?

ISCHAEMIA / CORONARY ARTERY DISEASE / CORONARY INTERVENTIONS

CORONARY VASOMOTOR ABNORMALITIES AND ANGINA PECTORIS – A COMMON PATHOGENIC MECHANISM? (Clinical Seminar)

Presentations:

Coronary vasomotor disorders as a cause for angina - prevalence

Ethnicity and coronary artery spasm

Gender aspects in angina despite normal coronary arteries

Molecular advances in the understanding of endothelial dysfunction

Treatment strategies in patients with coronary vasomotor disorders

HOT TOPICS ON ANTIPLATELET THERAPY (Symposium)

Presentations:



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Antiplatelet therapy in patients before percutaneous coronary interventions
IIb-IIIa inhibition in acute coronary syndromes. Where are we?
Implications of bleeding after coronary interventions
Risk of bleeding of patients with acute coronary syndromes undergoing bypass grafting
Management of patients with drug eluting stents before non-cardiac surgery

ORAL ANTIPLATELET TREATMENT IN ACS (Symposium)

Presentations:

Recent clinical trials of oral antiplatelet therapy in ACS
Mechanism of action of oral antiplatelet drugs
Individualized oral antiplatelet therapy: role of drug resistance
The future of oral antiplatelet therapy: pharmacological and clinical differences

MYOCARDIAL REVASCLARIZATION GUIDELINES: GLOBAL PERSPECTIVE (Symposium)

Presentations:

Concordant and discordant recommendations from the North American and European guidelines
Understanding the North America perspective
Understanding the European Union perspective
Perspective from Asia-Pacific
Perspective from Middle East

IMPORTANCE OF COMPLETENESS OF MYOCARDIAL REVASCLARIZATION: EVOLVING CONCEPTS (Symposium)

Presentations:

Anatomy matters the most
Review of evidence for PCI
Review of evidence for coronary artery bypass grafting
On pump vs off pump

ION CHANNEL THERAPY OF ISCHEMIC HEART DISEASE: FROM CALCIUM CHANNEL BLOCKER TO LATE SODIUM CURRENT INHIBITION (Symposium)

Presentations:

Overview of the ion channel therapy of ischemic heart disease
If channels and Ivabradine
ATP sensitive K channel and Nicorandil
Late sodium channel and ranolazine

ACUTE CORONARY SYNDROMES IN DEVELOPING COUNTRIES (Clinical Seminar)

Presentations:

ACS management in South America
ACS management in India
ACS management in the Middle East
Economic impact of ACS in developing countries



IMPLEMENTING THE ESC-EACTS GUIDELINES ON MYOCARDIAL REVASCULARIZATION: A CASE-BASED DISCUSSION (Meet the Experts)

Presentations:

Objectives of the session

Proximal LAD disease causing stable angina: case presentation

Proximal LAD disease causing stable angina: surgery is preferred

Proximal LAD disease causing stable angina: PCI is preferred

Proximal LAD disease causing stable angina: case outcome

Multivessel disease causing N-STEMI: case presentation

Multivessel disease causing N-STEMI: surgery is preferred

Multivessel disease causing N-STEMI: PCI is preferred

Multivessel disease causing N-STEMI: case outcome

Take home messages

VULNERABLE PLAQUE: FROM PATHOPHYSIOLOGY TO CLINICAL PRACTICE (Symposium)

Presentations:

Pathophysiology and assessment of vulnerable plaque

Biomarkers of vulnerable plaque

How to stabilize the vulnerable plaque

TREATMENT CHALLENGES IN STEMI MANAGEMENT 2012 (Clinical Seminar)

Presentations:

International efforts to achieve PCI in 90 minutes: can it be done?

Adjuvant therapy and out-of-hospital lysis

Use of lysis or PCI: the Chinese experience

Can networks promote timely reperfusion?

COMBAT MI: SPECIFIC ISSUES IN MI INTERVENTION (Symposium)

Presentations:

Antiplatelet therapy in PCI of STEMI, state-of-the-art

24/7 Primary PCI in STEMI: current status

Thrombus management in MI current status

DES in ACS - current state

Discussion

STATE-OF-THE-ART: ANTICOAGULATION IN ACUTE CORONARY SYNDROMES (Symposium)

Presentations:

Heparins

Direct thrombin inhibitors

Antifactor Xa

New targets for anticoagulant therapies



STATE-OF-THE-ART INTRACORONARY PLAQUE ASSESSMENT (Symposium)

Presentations:

Angiography and IVUS are still the gold standards
OCT should be the platinum standard
FFR measurement as the best approach in stable patients
Combined imaging is most promising

CONSENSUS OF SCIENCE - EMERGENCY CARDIOVASCULAR CARE AND RESUSCITATION (Symposium)

Presentations:

Quality cardiopulmonary resuscitation
Simulation in basic and advanced cardiac life support
Hypothermia in cardiac arrest
Ongoing clinical trials in cardiopulmonary resuscitation

AORTIC DISSECTION (Symposium)

Presentations:

Clinical evaluation and imaging
When is aortography/coronary angiography indicated?
Management of type B dissection
Surgical management of type A dissection

GHA: LESSONS FROM GULF ACUTE CORONARY SYNDROME REGISTRIES (Symposium)

Presentations:

The burden of diabetes in ACS and its influence on outcomes
The relation of smoking patterns and khat chewing to the outcomes in ACS
Presentation, management and outcome of women with ACS
The gap between ACS guidelines and practise in the Gulf
Clinical cardiovascular research in the Gulf: beyond the RACEs

BIOMARKERS IN CARDIOVASCULAR CARE (Symposium)

Presentations:

Biomarkers for risk stratification
New high sensitive troponin assays for ACS
Biomarkers for diagnosis and treatment in HF

CHALLENGES IN INTERVENTIONAL CARDIOLOGY (Clinical Seminar)

Presentations:

Chronic total occlusion
Role of thrombectomy in primary PCI
Patients selection for drug eluting stents vs bare metal stents in primary PCI
Approach to bifurcation lesions in 2012



Approach to left main lesions in 2012

THE FUTURE OF MEDICAL DEVICE INNOVATION: CRITICAL AND CRISIS 2011 (Symposium)

Presentations:

The future of medical device innovation: critical to unmet medical needs

Challenges to the future of device innovation: an industry view

Equipoise in regulatory evaluation: protecting the public health

Novel collaborative paradigms & medical device innovation

Role of professional societies: progress in the ESC

ISSUES RELATED TO THE TREATMENT OF ST ELEVATION MYOCARDIAL INFARCTION (Symposium)

Presentations:

Antiplatelet therapy in STEMI: which and when?

Anticoagulant therapy in STEMI: how to select the optimal regimen according to the revascularization strategy

Embolic protection devices in primary PCI

Strategies of revascularization in STEMI presenting to non-percutaneous coronary intervention facilities

INNOVATIONS IN 2012 AND BEYOND (Symposium)

Presentations:

The landscape of antiplatelet agents: which drug, for whom, and why?

Update on acute coronary syndromes/acute myocardial infarction: have we made any progress? what's next?

Update on left main/multivessel PCI: Lessons from SYNTAX, a view to EXCEL

Transcatheter valve therapies: aortic and mitral

Panel discussion: are the evidence gaps related to region, age and gender?

PERCUTANEOUS CORONARY INTERVENTION VERSUS SURGICAL MANAGEMENT OF SYMPTOMATIC STABLE CORONARY ARTERY DISEASE (Symposium)

Presentations:

Role of PCI in symptomatic coronary artery disease

Role of surgery in symptomatic coronary artery disease

Experience with re-do coronary artery bypass grafting

Percutaneous approach to bypass graft disease

PERIPHERAL CIRCULATION/STROKE/NON-CORONARY INTERVENTIONS

PERIPHERAL ARTERY DISEASE (Symposium)

Presentations:

Epidemiology and prognosis of PAD

Medical management of PAD



Revascularization of PAD

Peri-operative management of vascular surgical patients

DIABETIC FOOT: DIAGNOSIS AND MANAGEMENT (Meet the Experts)

Presentations:

Discussion with 4 experts

ENDOVASCULAR TREATMENT OF PERIPHERAL ARTERIAL DISEASE (How to Sessions)

Presentations:

Aorto-iliac occlusive disease

Renal artery intervention

SVC syndrome & dialysis access salvage

GLOBAL BURDEN OF STROKE: THE GLOBAL BURDEN OF DISEASE STROKE PROJECT (Symposium)

Presentations:

Global burden of stroke in 1990-2010: incidence, prevalence and early case-fatality

Global time trends in ischemic and hemorrhagic stroke incidence and mortality: East/West differences

Gender differences in stroke incidence and prevalence in the world

Global epidemiology of ischemic stroke, intracerebral hemorrhage and subarachnoid hemorrhage

CONTROVERSIES IN CAROTID DISEASE (Debate)

Presentations:

Asymptomatic carotid disease: medical management is better than revascularization (pro and contra)

Symptomatic carotid stenosis: stenting is better than surgery (pro and contra)

ADVANCES IN STROKE PREVENTION - PRIMARY AND SECONDARY (Clinical Seminar)

Presentations:

Antihypertensive choice

Cholesterol control: the evidence for statins in high-stroke-risk conditions

Antithrombotics in stroke

Carotid revascularisation: surgery versus stenting

Stroke prevention in developing countries

HYPERTENSION

CONTROVERSIES IN THE MANAGEMENT OF HYPERTENSION (Debate)

Presentations:

Albuminuria is a CV risk predictor that is useful for management of hypertensive patients (pro and contra)

Decreasing blood pressure - the lower the better (pro and contra)

MANAGEMENT OF HYPERTENSION THROUGH THE CARDIOVASCULAR SPECTRUM (Clinical Seminar)



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Presentations:

In patients without cardiovascular disease
Hypertension and diabetes
In patients with ischemic heart disease
In patients with heart failure
In patients with renal failure

POLYPILL IN HYPERTENSION (Symposium)

Presentations:

Selecting the ideal ingredients and doses in a fixed combination
Clinical development aspects and outcome trials with fixed combination therapy
Triple therapy fixed combination: the way ahead?
From polypharmacy to polypill: a realistic perspective

HYPERTENSION IN 2012 (Symposium)

Presentations:

Prevention of hypertension through community-wide strategies
Blood-pressure measurement and targets
The latest advances in antihypertensive treatment
Management of hypertension in the elderly

NOVEL DRUG ASPECTS ON THE RENIN-ANGIOTENSIN-ALDOSTERONE SYSTEM (RAAS) (Symposium)

Presentations:

Aldosterone blocking agents in hypertension, heart failure and renal dysfunction
The potential implications of a local cardiac RAAS
Renin inhibitors, effects beyond the renin-angiotensin-aldosterone system?
AT2-receptor agonists: a novel class of cardiovascular drugs?

HYPERTENSION: CAN WE DO A BETTER JOB? (Clinical Seminar)

Presentations:

Evaluation and treatment of hypertension in children
Are better control rates achievable in clinical practice? The Kaiser Permanente Experience
Are home and ambulatory blood pressure monitoring our gold standard?
Population-based lifestyle approaches: what's most effective in developing countries?

BLOOD PRESSURE VARIABILITY: MECHANISMS, PROGNOSTIC VALUE AND THERAPEUTIC IMPLICATIONS (Symposium)

Presentations:

Mechanisms and how to measure it
Prognostic value of beat-by-beat and 24h blood pressure variability
Prognostic value of day-by-day and visit-by-visit blood pressure variability



Therapeutic implications

HYPERTENSION AROUND THE WORLD (Symposium)

Presentations:

Global burden of hypertension

Hypertension and diabetes

Non-pharmacological treatment of hypertension: an Asian perspective

Pharmacological treatment of hypertension: a Middle East perspective

What new in the management of hypertension

DIETARY FACTORS AND HYPERTENSION (Symposium)

Presentations:

The increasing importance of diet

Sodium and potassium

Dairy products

Food reformulation

**EPIDEMIOLOGY / PREVENTION / HEALTH PROMOTION / HEALTH
ADVOCACY**

**CARDIAC REHABILITATION AND SECONDARY PREVENTION. HOW TO INCREASE IT IN DEVELOPING
COUNTRIES?** (Symposium)

Presentations:

Preventive intervention at primary level: experience in Asian-Pacific region

Cardiac rehabilitation in East European countries: perspectives

Strategies to develop cardiac rehabilitation and prevention in Africa

Cardiac rehabilitation and secondary prevention in Latin America. Present status and perspectives

**WHF-WHO JOINT SESSION: ADDRESSING NON-COMMUNICABLE DISEASES AFTER THE UN
SUMMIT** (Symposium)

Presentations:

UN summit-and prevention and control of noncommunicable diseases

Implications of UN summit outcomes for the developed world

Post UN summit: investing in high impact cardiovascular interventions

How to make action on NCDs a multisectoral imperative: the case of food and agriculture

**SPECIAL SESSION: THE PAST AND THE FUTURE: DISCOVERIES AND CLINICAL RESEARCH IN
MIDDLE EAST** (Symposium)

Presentations:



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Ibn Nafis - the father of circulation - his life and his work
Where we are now: A view from the trenches
How to meet the challenges and utilize the opportunities

THE POST NCD SUMMIT WORLD: WHAT NEXT (Symposium)

Presentations:

The post summit landscape and next steps for Civil Society
Addressing gaps in the NCD agenda
The critical role of multistakeholder partnerships
Innovative partnerships for NCD integration: leveraging existing health and development platforms for NCDs
How social media and mobile phones can create impact and address the CVD/NCD burden

COMPLYING WITH TARGETS: CVD PREVENTION AND CARE (Symposium)

Presentations:

Multisectoral partnerships - perspectives from WHO
Working with government in resource poor settings - integrating CVD into existing programs
Working with government in high income countries
Role of incentivizing private sector

EHN: CAN "FAT TAXES" AND OTHER MEASURES ENCOURAGE HEART HEALTHY EATING? (Symposium)

Presentations:

Prevention and control of CVD: the role of financial services?
How taxes can work for public health
Taxes - the case of Hungary
Tax: a solution to addressing the CVD burden?

IMPROVING PERSONAL COMMUNICATION THROUGH PERCEPTION MANAGEMENT IN HEALTHCARE ENVIRONMENT: PART 1 (Workshop)

Presentations:

Introduction to the topic
Introducing the "Life Model"
Keirseley Temperament Sorter "Know your innate perception"

ADDRESSING CARDIOVASCULAR DISEASE IN WOMEN: A PRIORITY FOR DEVELOPMENT (Symposium)

Presentations:



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Reducing women's cardiovascular risk - a lifecourse approach
The global strategy on women's health: where do NCDs fit?
Bringing NCDs into the fold: the taskforce on women's health
Women, cardiovascular disease and development
Raising political will through the Go Red for Women campaign

**IMPROVING PERSONAL COMMUNICATION THROUGH PERCEPTION MANAGEMENT IN HEALTHCARE
ENVIRONMENT: PART 2 (Workshop)**

Presentations:

Experience with the different personality types
What is complete communication
Conclusion and feedback

**DUBAI COURSE IN PREVENTIVE CARDIOLOGY FOR CARDIOLOGY TRAINEES AND MEDICAL STUDENTS: PART I
(Workshop)**

Presentations:

Welcome and opening marks
Overview of the CVD epidemic, global trends and role of the United Nations
Hypertension and CVD: epidemiology, evaluation and management
Tobacco and passive smoking - prevention, evaluation, behavioral and pharmacologic approaches
for cessation
Dyslipidemia - evaluation and management
Metabolic syndrome, diabetes and CVD: epidemiology and ABC's of management

**DUBAI COURSE IN PREVENTIVE CARDIOLOGY FOR CARDIOLOGY TRAINEES AND MEDICAL STUDENTS: PART
II (Workshop)**

Presentations:

The obesity epidemic - individual and population approaches
Heart healthy nutrition: role of monounsaturated fats, omega fatty acids and fiber: assessment and
guidelines
Physical activity prescription in primary and secondary prevention
Psychosocial and behavioral factors - evidence, evaluation and intervention

**DUBAI COURSE IN PREVENTIVE CARDIOLOGY FOR CARDIOLOGY TRAINEES AND MEDICAL STUDENTS: PART
III (Workshop)**

Presentations:

Biomarkers and imaging techniques - do they improve prediction of CVD and what are the
recommendations?



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Prevention of CVD in youth
Prevention of CVD in women
Prevention in stroke
Implementation of prevention guidelines
Written evaluation & conclusions
Closing remarks

WHF-CMT: PREVENTION AND CONTROL OF HEART DISEASE AND STROKE IN CHINA (Symposium)

Presentations:

Prevention and control of heart diseases in China
The epidemiological trends of stroke in China

GLOBAL EDUCATION AND TRAINING IN HEART DISEASE AND STROKE PREVENTION (Symposium)

Presentations:

Highlights from the Global Summit in education and training in heart disease and stroke prevention
Increasing global capacity to prevent heart disease and strokes
Preventive cardiology training and education: reaching out from the USA
Preventive cardiology training and education: reaching out from the UK

PCS: CVD IN PAKISTAN: CURRENT STATUS (Symposium)

Presentations:

Risk factors in patients presenting with coronary artery disease acute coronary syndrome
Peshawar heart study - lessons learnt
Institutional based preventive program
Rheumatic heart disease - still to be conquered

GLOBAL BURDEN OF CARDIOVASCULAR DISEASE (Symposium)

Presentations:

Global burden of rheumatic fever and rheumatic heart disease
Global burden of atrial fibrillation
Global burden of stroke
Global burden of ischemic heart disease

CARDIOVASCULAR PREVENTION BY POLYPILLS (Symposium)

Presentations:

Primary cardiovascular prevention: a worldwide problem
Pros and Cons of prevention by polypills
Trial results using polypills
Polypill for secondary prevention and regulatory issues

PREVENTION: PATHWAYS AND PARTNERSHIPS (Symposium)

Presentations:



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Modeling the impact of a healthy diet on cardiovascular mortality
Prevention of cardiovascular disease in Japan: Success and challenge
Community interventions for health in China
Private sector challenges in advancing partnerships for cardiovascular prevention

ASPIRIN USE IN CLINICAL PRACTICE (Clinical Seminar)

Presentations:

History of aspirin use and mechanism of action
Use in cardiovascular disease
Non-platelet effects of aspirin
Aspirin resistance
What the guidelines tell us

PASCAR: THE BURDEN OF CARDIOVASCULAR DISEASE IN AFRICA (Symposium)

Presentations:

The burden of hypertension and stroke
The burden of congenital heart disease and rheumatic heart disease in Africa
The burden of cardiomyopathy, myocarditis and pericarditis
The aetiology, management and outcome of acute heart failure - evidence from the THESUS-HF study
The burden of coronary artery disease

CARE OF CVD PATIENTS IN SITUATIONS OF CONFLICT & NATURAL DISASTER: EMERGING NEEDS & FUTURE TRENDS (Symposium)

Presentations:

Healthcare needs of people affected by conflict: future trends & changing frameworks
Cardiac pathology of populations affected by conflict: management of care & potential of telemedicine: Afghan example
Strategies for health service delivery: Pakistan floods of 2010
Cardiovascular care & warfare: West African

CSC: EMERGING ICEBERG: CVD IN CHINA (Symposium)

Presentations:

Increasing CVD burden in Rural of China
Predicted impact of major Life style modification on CVD mortality in China
Women and Heart Diseases in China
Development of National CVD Prevention Strategies in China

AHN: CONCEPTS OF PREVENTION OF CARDIOVASCULAR DISEASE IN AFRICA (Symposium)

Presentations:

Hypertension



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Stroke
Rheumatic/valvular heart disease
Ischemic heart disease
School based education for CVD prevention

PAHFA: NON PHARMACOLOGICAL MANAGEMENT OF HEART FAILURE (Symposium)

Presentations:

Surgical ventricular restoration in view of STICH trial
Saudi Arabia experience in heart failure surgery
Role of echo in selecting patient for surgical ventricular restoration and cardiac resynchronization therapy
Cardiac resynchronization therapy; Saudi Arabia experience
Role of MRI in heart failure

IASC: ROLE OF SCIENTIFIC SOCIETIES IN PREVENTION AND CONTROL OF CV DISEASE IN AMERICAS (Symposium)

Presentations:

Optimal cardiovascular prevention strategies for the 21st century
Pan American plan of action: cardiovascular diseases, prevention and control 2011-2020
Primary prevention of CV Disease: the role of the World Heart Federation
Cardiovascular risk factor multiple evaluation in Latin America (CARMELA) study

EVALUATION OF CARDIOVASCULAR RISK IN ASYMPTOMATIC SUBJECTS (Symposium)

Presentations:

Endothelial function
Ankle brachial index
Intima-media thickness
Calcium risk score
Pulse wave velocity

MODELS OF COMPREHENSIVE COMMUNITY-BASED PROGRAMS FOR CARDIOVASCULAR DISEASE PREVENTION FROM DEVELOPED AND DEVELOPING COUNTRIES (Symposium)

Presentations:

North Karelia project - the Finnish experience
Isfahan healthy heart program – the Iranian experience
Designing, implementing and evaluating community-based programs
Model from Abu Dhabi
How to integrate cardiac prevention services in primary health care

EXERCISE: MANAGEMENT FOR THE OVERWEIGHT AND OBESE (Clinical Seminar)

Presentations:

The program plan and benefits
Modalities of exercise for the obese
Possible dangers and complications of exercise



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Role of proper diet and behavioral modification

THE ABU DHABI CARDIOVASCULAR PROGRAMME (How to sessions)

Presentations:

The Abu Dhabi road map
Screening and intervention
Chronic disease management
Cost of cardiovascular disease in Abu Dhabi

HEALTHY DIET FOR THE PREVENTION OF CARDIOVASCULAR DISEASE FROM THE EAST AND THE WEST (Symposium)

Presentations:

Longevity and Mediterranean diet
Longevity and Japanese diet
DASH diet and prevention of hypertension
Salt reduction and longevity

OVERNUTRITION IN DEVELOPING AND MIDDLE-INCOME COUNTRIES (Symposium)

Presentations:

What works: World Health Organization recommendations and tools
Promoting healthy diet and physical activity in South African Townships: barriers and successes
Healthy diet and physical activity promotion in schools and pre-schools
Diet and activity among children in Mexico: community interventions for health
Promoting physical activity and healthy diet among Indian youth

VITAMIN D AND CARDIOVASCULAR DISEASE (Symposium)

Presentations:

Vitamin D deficiency in Middle East
Mechanisms underlying increased cardiovascular risk in vitamin D deficiency
Vitamin D and the prevention of hypertension and cardiovascular diseases
Effect of vitamin D supplementation on cardiac function

OBESITY AS A WORLD EPIDEMIC (Meet the Experts)

Presentations:

Current global epidemiology of obesity
Obesity and cardiovascular diseases
Modalities of exercise for the obese
Need for an organized worldwide strategy against obesity

TOBACCO CONTROL IN THE DEVELOPING WORLD (Symposium)



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Presentations:

Tobacco control in Indonesia

Religious leaders as advocates to promoting tobacco control: experience from Bangladesh

Confronting the threat of sheeshah in Iran

Combating tobacco use at community level in Syria

Tobacco control in Afghanistan: progress and barriers

TOBACCO AND CVD FROM PATHOPHYSIOLOGY TO EFFECTIVE POLICY AND TREATMENT (Symposium)

Presentations:

Tobacco use and cardiovascular diseases

Treating tobacco dependence in a clinical cardiology setting

Tobacco control policies as a public health tool for facing CVD

SMOKING CESSATION STRATEGIES IN CLINICAL PRACTICE (Symposium)

Presentations:

Tobacco cessation strategies for secondary prevention of CVD

Behavioral and therapeutic strategies for tobacco cessation in primary prevention

Developing national guidelines for smoking cessation

Smoke-free hospitals: impact on patients and health professionals

ACTING OUTSIDE CLINICAL SETTINGS: TOBACCO CONTROL POLICY IMPLEMENTATION AND CARDIOVASCULAR HEALTH (Symposium)

Presentations:

MPOWER - a health tool cardiologist should know

Smoking cessation in high risk patients

Cardiologists and tobacco control in South America: the experience of Uruguay

Waterpipe/hooka and CV health: an experience from Middle East

CONFRONTING TOBACCO USE AROUND THE WORLD: THE SEARCH FOR SUSTAINABLE APPROACHES (Symposium)

Presentations:

Lay interventionists in tobacco cessation

Smoking cessation in low resource settings: strategies and approaches

Confronting youth tobacco use: experience from the slums of New Delhi

Combating tobacco use at community level

Systems approaches to tobacco cessation

SMOKING CESSATION CHALLENGES AND OPPORTUNITIES (Symposium)

Presentations:

The smoking challenge in clinical practise

Pharmacotherapy for treating tobacco dependence by cardiologists



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Treating smokers in hospitals
EUROACTION project - principal results

COMBATING THE GLOBAL TOBACCO EPIDEMIC: WORLD HEALTH ORGANIZATION TOBACCO-FREE INITIATIVE (Symposium)

Presentations:

Overview of the WHO report on the tobacco epidemic
Mortality estimates from exposure to second hand smoke: focus on cardiovascular disease
E-health and tobacco cessation: tool for improving CVD outcomes
Global adult tobacco survey: results from Egypt
Role of nurses in smoking cessation

TACKLING THE FOOD INDUSTRY - SALT REDUCTION PROGRAMMES (Symposium)

Presentations:

Latin American and Caribbean experience of CVD prevention through dietary salt reduction
Salt reduction strategies in Europe
Hypertension in Japan and the role of salt reduction
The importance of population-wide sodium reduction as means to prevent CVD and stroke
Salt: time for action

WOMEN AND CARDIOVASCULAR DISEASE: WHAT ARE THE DIFFERENCES? (Symposium)

Presentations:

Hypertension
Coronary artery disease
Sudden cardiac death
Lipid profile in female smokers
CV rehabilitation
Panel Q&A

WOMEN GO RED (Symposium)

Presentations:

Women and heart diseases in China
Cardiovascular disease prevention in women
Women and tobacco in the Middle East
Getting the message out: GO RED for women

SPECIAL CONSIDERATIONS IN THE ELDERLY (Symposium)

Presentations:

Aging and CVD: influence of demographic changes on morbidity
Management of atrial fibrillation in the elderly
Risk stratification of sudden cardiac arrest



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Coronary artery disease in elderly
Aortic stenosis in elderly

ENDOCARDITIS: WHAT'S NEW IN THE GUIDELINES? (Symposium)

Presentations:

Prevention and patient education
Considerations for antibiotic therapy
The role of imaging
When should we operate on patients with acute infective endocarditis

AHA: IMPLEMENTING DIETARY GUIDELINES IN THE INTERNATIONAL COMMUNITY (Symposium)

Presentations:

Topic area: nutrition - to fit with AHA's 2020 prevention messaging
Dietary GL's within the global communities and across countries
What is being done from a Public Health standpoint to reduce sodium across the globe
Obesity guidelines and global impact

ACC: ACHIEVING THE TRIPLE AIM IN CV CARE: IMPROVING CARE QUALITY, IMPROVING HEART HEALTH, AND LOWERING COSTS AS PART OF HEALTH SYSTEM REFORM (Symposium)

Presentations:

Imaging in CV care: maintaining quality, appropriateness and improving outcome
Congestive heart failure focusing on our hospital to home program, PINNACLE and team based care
Achieving the Triple Aim in the US using registry feedback and outcomes tracking in STEMI care, stable angina and atrial fibrillation

IMPLEMENTATION OF THE INTERNATIONAL GUIDELINES: A CHALLENGE FOR DEVELOPING COUNTRIES (Clinical Seminar)

Presentations:

We offer the science, then the rest depends on the local
The challenge lies in the need of locally developed guidelines
No need to reinvent the wheel, just adopt the international guidelines
International guidelines: the key is the implementation: recommendations to implement the guidelines at the national level

ARE DISEASE REGISTRIES SCIENCE OR A POOR MAN'S WAY OF RESEARCH? (Symposium)

Presentations:

The criteria for and the value of a disease registry: setting the standard
Important lessons from Middle Eastern registries: Gulf RACE and Gulf SAFE
Implementing registry findings in our daily practice: a US perspective
Performance measures and their implementation in registries

PRIORITIZING CHOICES FOR CONTROL OF CARDIOVASCULAR DISEASE AND RELATED CHRONIC DISEASES IN DEVELOPING COUNTRIES (Symposium)



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Presentations:

The need for action to address the global burden of global cardiovascular disease: key messages from the Institute of Medicine's promoting cardiovascular health in the developing world
National strategic planning to address chronic diseases in low and middle income countries
Making choices to address global cardiovascular disease and related chronic diseases: lessons from the Disease Control Priorities Network
Summary of Institute of Medicine workshop on defining country-level resource needs for cardiovascular disease and related chronic diseases

ROLE OF THE FRAMEWORK CONVENTION ON TOBACCO CONTROL (FCTC) IN CARDIOVASCULAR DISEASE PREVENTION AND CONTROL (Symposium)

Presentations:

Global progress on implementation of the WHO FCTC
Role of WHO regional offices in promoting the implementation of the FCTC
Guidelines for implementation of Article 14 of the convention - treatment of tobacco dependencies
Interference of the tobacco industry with the development of tobacco control policies

HEALTHIER CITIES IN A GLOBAL ENVIRONMENT (Symposium)

Presentations:

4 presentations from different countries

LET'S FOCUS ON CHILDREN (Symposium)

Presentations:

SHE & SI programs in Spain
Early childhood intervention in Bogota
The expanding role of sesame workshop
Childhood obesity in Emirati population and its cardiometabolic consequences

ADDRESSING NON-COMMUNICABLE DISEASES AFTER THE UN SUMMIT (Symposium)

Presentations:

UN summit-and prevention and control of noncommunicable diseases
Implications of UN summit outcomes for the developed world
Post UN summit: investing in high impact cardiovascular interventions
How to make action on NCDs a multisectoral imperative: the case of food and agriculture

MOBILIZING GLOBAL ADVOCACY FOR PHYSICAL ACTIVITY (Symposium)

Presentations:

Advocacy and public health: from evidence to influence
The Toronto Charter for Physical Activity - mobilizing global advocacy
The Agita Mundo Movement - mobilizing communities
Advocating for physical activity policy in the Middle East - the case of Kuwait
Global advocacy for physical activity (GAPA) - priorities for the future



ROLE OF PHYSICAL ACTIVITY IN THE PRIMARY AND SECONDARY PREVENTION OF CARDIOVASCULAR DISEASE (Symposium)

Presentations:

Biophysiological effects of physical activity on cardiovascular risk reduction
Physical activity in primary prevention - the high risk subject
Physical activity in secondary prevention - cardiac rehab
Role of stress testing
Issues of adherence and quality of life

DYSLIPIDEMIA AND METABOLIC DISORDERS

MANAGING OBESE PATIENTS AND CORRECTING LIPID DISORDERS (Symposium)

Presentations:

The epidemiology of obesity and relationship to lipid disorders
Lipid disorders in obese patients
Pharmacotherapy options in the management of obesity
The place of bariatric surgery in managing obesity

OBESEITY IN CHILDREN U.S. PERSPECTIVE (Clinical Seminar)

Presentations:

Childhood obesity: a rising tide.
Clinical and laboratory assessment of cardiovascular risk in obese children
Treatment of cardiovascular risk factors in obese children: lifestyle intervention
Treatment of cardiovascular risk factors in obese children: pharmacological intervention

WHAT EVERY CARDIOLOGIST SHOULD KNOW ABOUT MANAGING HYPERGLYCEMIA IN TYPE 2 DIABETES MELLITUS (Meet the experts)

Presentations:

Discussion with 3 experts

MANAGING DIABETES AND ASSOCIATED RISK FACTORS FOR ISCHEMIC HEART DISEASE (Clinical Seminar)

Presentations:

Blood pressure control
Lipid-lowering
Glycemic control
Multifactorial intervention to reduce risk in diabetes

WHERE IS THE IMPORTANT FAT IN THE METABOLIC SYNDROME? (Meet the experts)

Presentations:

The important fat is in the subcutaneous tissue



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The special role of intra-abdominal fat
The important fat is in the hepatocyte
The important fat is in the muscle cells

EVOLUTION OF THE METABOLIC SYNDROME (Clinical Seminar)

Presentations:

Defining the metabolic syndrome
Prevalence of metabolic syndrome in developing countries
Genetics of the metabolic syndrome
Population based approach to control of the metabolic syndrome

ABNORMAL HDL: METABOLISM AND MANAGEMENT (Symposium)

Presentations:

Characteristics of low HDL: physiopathology and metabolism
HDL Structure composition and function
Genetic abnormalities changing HDL metabolism
The very high HDL-C: is it always protective?

CLINICAL MANAGEMENT OF THE APOLIPOPROTEIN B CONTAINING LIPOPROTEINS (Symposium)

Presentations:

Should apolipoprotein B supplant LDL-C as the primary target of therapy?
Lp(a): an important cardiovascular risk factor
Screening and treatment of familial hypercholesterolemia: how can we do better?
Achieving LDL-C levels of less than 70 mg/dL in clinical practice

BASIC SCIENCE

A GUIDE FOR APPLYING PHARMACOGENETICS IN CARDIOLOGY: PUTTING GENETICS INTO PRACTICE (Clinical Seminar)

Presentations:

Pharmacogenetics of cholesterol lowering drugs (statins)
Pharmacogenetics of aspirin resistance
Genetic profiling of thienopyridine in coronary artery disease
Angiotensin converting enzyme inhibition genetics in the prevention of cardiac events in stable coronary artery disease
Personalized medicine

CELL THERAPY IN CLINICAL PRACTICE (Symposium)

Presentations:

Source and differentiation of stem cells in the heart



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Stem cell therapy for neovascularization after myocardial infarction
Stem cell therapy in heart failure
Stem cell therapy to restore cardiac excitation and conduction
Stem cell therapy for cardiomyopathy

HIGH DENSITY LIPOPROTEINS AND ATHEROSCLEROSIS (Symposium)

Presentations:

HDL and cardiovascular disease: the epidemiological evidence
HDL and reverse cholesterol transport
HDL immunity and atherosclerosis
How to manage low HDL levels
Future approaches for increasing HDL

THE SCIENCE BEHIND HEALTHY BEHAVIOURS: WHY RED WINE, THE MEDITERRANEAN DIET, EXERCISE AND CLEAR AIR PREVENT CAD (Symposium)

Presentations:

Diet: is Mediterranean diet indeed better?
Exercise- how much? how often?
Effects of regular red wine drinking upon plaque burden
Smoking bans and clear air
Clean air

ISCP: PREVENTION OF CORONARY ARTERY DISEASE IN FAST GROWING ECONOMIES: THE ROLE OF PHARMACOLOGICAL INTERVENTION (Symposium)

Presentations:

Primary prevention in China: challenges and planned solutions
The polypill - a solution for India and the world?
The role of statins
The Brazilian approach

PERIVASCULAR ADIPOSE TISSUE AS A NEW DRUG TARGET IN CARDIOVASCULAR DISEASE (Symposium)

Presentations:

Perivascular adipose tissue: more than a scaffold
Perivascular adipose tissue in atherosclerosis
Targeting the perivascular adipose tissue dysfunction in cardiovascular disease
Imaging perivascular adipose tissue



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ECHO WORKSHOP (workshop)

Presentations:

Hemodynamics by ECHO and/or case presentations
CRT and ECHO and/or case presentations
ECHO imaging of coronary arteries and/or case presentations
Differentiating constrictive pericarditis from restrictive cardiomyopathy and/or case presentations
Primer on diastolic function assessment and/or case presentations
Interesting and instructive cases

SPECIAL SESSION: THE 2012 WHF GUIDELINES FOR ECHOCARDIOGRAPHIC DIAGNOSIS OF RHD - A PRACTICAL APPLICATION (Meet the experts)

Presentations: discussions

CARDIAC POSITRON EMISSION TOMOGRAPHY AND POSITRON EMISSION TOMOGRAPHY/COMPUTED TOMOGRAPHY (Clinical Seminar)

Presentations:

Basic principles and tracers
Clinical applications of PET and PET/CT
SPECT versus PET myocardial perfusion imaging
Assessment of myocardial viability: PET/CT?

THE CLINICAL VALUE OF CARDIAC COMPUTED TOMOGRAPHY - AN OVERVIEW AND UPDATE (Symposium)

Presentations:

Coronary CT angiography: current status
Cardiac CT for analysis of function and perfusion
CT for plaque characterization
Can CT be useful for analysis of cardiac valves?
CT for the support of cardiac interventions

CARDIAC COMPUTED TOMOGRAPHY FOR RISK STRATIFICATION OF CORONARY ARTERY DISEASE (Symposium)

Presentations:

Coronary calcium: where do we stand?
Coronary CT angiography: identification of high risk patient and plaque
Coronary CTA in acute chest pain
Anatomy vs function for risk stratification: lessons from cardiac CT

DEBATES IN CARDIAC IMAGING (Debate)

Presentations:

Cardiac CT should be the first test in patients with chest pain (pro and contra)

IMAGING FOR RISK STRATIFICATION IN HEART FAILURE BEYOND VIABILITY



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Presentations:

Myocardial innervation and molecular imaging
LV systolic/diastolic function and tissue characterization
MRI to assess myocardial scar and fibrosis
Dyssynchrony assessment

ANATOMY AND FUNCTION IN DETECTION OF CORONARY ARTERY DISEASE (Symposium)

Presentations:

Coronary anatomy versus ischemia
Computed tomography angiography and computed tomography perfusion
Stress echocardiography
Stress MRI and angiography
Nuclear and hybrid imaging

USE OF IMAGING IN THE INTERVENTIONAL LAB (Workshop)

Presentations:

Imaging in guiding transcatheter aortic valve implantation
Imaging in electrophysiological procedures
Imaging in guiding atrial septal defect and ventricular septal defect closure
Imaging in guiding mitral valve repair

APSC: IMAGING TECHNIQUES FOR PERCUTANEOUS INTERVENTION OF CORONARY AND STRUCTURAL HEART DISEASES (Symposium)

Presentations:

CT imaging for planning of trans-catheter aortic valve implantation
Online transesophageal three-dimensional echocardiography for structural heart disease intervention
My experience in imaging for coronary intervention: East
My experience in imaging for structure heart disease intervention: West

WHEN RIGHT GOES WRONG (Meet the experts)

Presentations:

Assessment of right ventricular with other modalities
Traditional measures of right ventricular systolic function: what should all labs be reporting?
Right heart chamber dimensions - current guidelines assessment and a view towards the future
Novel measures of right ventricular function – 3D/4D and strain: are we there yet?

CARDIOVASCULAR IMAGING IN THE DIAGNOSIS AND MANAGEMENT OF HYPERTROPHIC CARDIOMYOPATHY (Symposium)

Presentations:

Echocardiography to assess outflow tract obstruction
Does MRI contribute to risk assessment?
Is myocardial ischemia important?



Imaging before, during and after invasive septal reduction therapy

HOW TO APPLY NEW ECHOCARDIOGRAPHIC TECHNIQUES IN CLINICAL PRACTICE (Symposium)

Presentations:

Contrast echocardiography

3D imaging

Dyssynchrony

Diastolic function

PAEDIATRICS / CONGENITAL HEART DISEASE

RECENT CONTRIBUTIONS OF GENETICS IN PEDIATRIC CARDIOLOGY (Clinical Seminar)

Presentations:

Genetic causes of congenital heart disease

Channelopathies causing paediatric dysrhythmias

Genetics of cardiomyopathy

Bicuspid aortic valve and aortopathy

TRANSPOSITION OF GREAT ARTERIES: STATE OF THE ART (Symposium)

Presentations:

Current epidemiology of TGA in the Arab World

Imaging of transposition of the great arteries: echocardiography, MRI, CT

Interventional procedures for TGA, including post-surgical ones

Surgical options for complex TGA

SCREENING FOR CARDIAC DISEASE IN THE YOUNG (Symposium)

Presentations:

Fetal echocardiography

Pulse oximetry

Electrocardiography

Rheumatic heart disease

QUALITY IMPROVEMENT INITIATIVES FOR PEDIATRIC AND CONGENITAL HEART DISEASE (Symposium)

Presentations:

Development of quality metrics

International quality improvement collaborative for congenital heart surgery

Quality improvement for adult congenital heart disease

Quality improvement for pediatric cardiac catheterization



HOW TO INITIATE A PULSE OXIMETRY SCREENING PROGRAM FOR CRITICAL CONGENITAL HEART DISEASE (How to Sessions)

Presentations:

Lessons learned: implementation of pulse oximetry screening at Tawam hospital
Pulse oximetry screening: legislative and advocacy implications
Implementing pulse oximetry screening in your newborn nursery

CONGENITAL HEART DISEASE IN THE ADULT: A WORLDWIDE PROBLEM (Symposium)

Presentations:

Worldwide perspective on adult congenital heart disease
Heart failure in adult congenital heart disease
Risk stratification and management of pregnancy in adult congenital heart disease
A surgeon's view of adult congenital heart disease

LONG TERM OUTCOMES IN FONTAN PATIENTS (Symposium)

Presentations:

Arrhythmias in the long term Fontan
The role of catheter interventions
Long term complications of Fontan
Indications for Fontan revision and transplant

TRANSCATHETER INTERVENTION IN CONGENITAL HEART DISEASE (Symposium)

Presentations:

Current status of stenting in coarctation of the aorta
Challenges in device closure of ASD
Device closure of VSD -current status and future prospects
Percutaneous pulmonary valve insertion -the way forward
When and how to close very small and very large PDAs

CURRENT ADVANCES IN KAWASAKI DISEASE (Symposium)

Presentations:

Genesis & pathogenesis of aneurysms in Kawasaki disease
Sequelae of Kawasaki disease in young adults
Is there a persistent effect on the cardiovascular system?
Kawasaki disease in the Middle East

MANAGEMENT OF HEART FAILURE IN CHILDREN (Clinical Seminar)

Presentations:

Heart failure in children: evidence base for management
Alternatives to pharmacologic heart failure treatment: the role of cardiac resynchronization
Refractory heart failure: mechanical assist devices
Transplantation for refractory heart failure: peri-operative risk factors and intermediate-term survival



PRESENT MANAGEMENT AND OUTCOMES OF ACQUIRED PEDIATRIC HEART DISEASE (Symposium)

Presentations:

Myocarditis

Acute pericarditis

Prevention and treatment of infective endocarditis

New insights in rheumatic fever

NURSING

COMPREHENSIVE PATIENT MANAGEMENT ACROSS THE CARDIAC HEALTH CONTINUUM: INTERDISCIPLINARY MODELS OF CARE (Symposium)

Presentations:

Interdisciplinary acute care management

Interdisciplinary post-acute management of CVD

Prevention & wellness

Advanced practise nursing and ACHD outcomes

Collaborative interdisciplinary models of care for congestive heart failure

ADULTS WITH CONGENITAL HEART DISEASE: CONTEMPORARY ISSUES (Clinical Seminar)

Presentations:

ACHD, an emerging subspecialty: are we prepared to manage them?

The transition process: what is it and when to start?

Clinical outcomes: managing the patient with cyanotic congenital heart disease

Preconception counseling program for women with congenital heart disease

WOMEN AND HEART DISEASE: 2012 UPDATE (Symposium)

Presentations:

Do women's symptoms of acute coronary syndrome contribute to delayed treatment?

Motivating women for preventive behaviors

Do women with CVD participate in cardiac rehab programs to improve recovery?

Health outcomes for women with CVD

National and international campaigns to enhance heart health of women

NURSES AND TOBACCO CESSATION: BEST PRACTICES (Symposium)

Presentations:

Nurse-led cessation intervention



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Nurses in smoking cessation: Hong Kong

Nurses and tobacco cessation

Strengthening the nurse's role in tobacco cessation and control

Education, counseling and pharmacological interventions: US experience

ESSENTIALS OF BEHAVIOR CHANGE: MAKING IT HAPPEN AND MAKING IT LAST (Symposium)

Presentations:

Motivational interviewing and behavioral change

Stages of behavioral change: from thinking to doing

Relapse prevention

Long term adherence

PATIENT EDUCATION AND HEART HEALTH: A FOCUS ON LITERACY (Clinical Seminar)

Presentations:

Health literacy

Adherence to medications: the importance of health literacy

Educational approaches to healthy food selection

Web-based challenges and opportunities

Will improved communication improve heart health outcomes?

PREVENTION AND MANAGEMENT OF OBESITY IN DIVERSE POPULATIONS (Clinical Seminar)

Presentations:

The Global burden of obesity: prevalence, trends, challenges & opportunities

Preventing & managing obesity in diverse populations: the role of multi-level policies

Preventing obesity in children and youth: the importance of population-based approaches

Preventing obesity and risk for cardiometabolic disease: innovative individual & family-based approaches

Management of obesity in patients with cardiometabolic disease

WHF-PCNA: A GLOBAL PERSPECTIVE ON PREVENTION & MANAGEMENT OF RISK FOR CARDIOVASCULAR DISEASE (Clinical Seminar)

Presentations:

The global burden of CVD

A life course ecological approach to prevention of CVD

Nurse-based models for prevention & management of CVD

Approaches to tobacco control for management of CVD

A call to action for global prevention of CVD