



THE 8th TOP TO TOE TRANSCATHETER SOLUTIONS CONFERENCE 2022
10 - 12 February 2022 | DIGITAL



VIRTUAL INTERACTIVE EXPERIENCE
#4TS2022Digital

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The Largest Interventional Cardiovascular Conference in the Middle East

Time	Topic	Speaker	Time	Topic	Speaker	Time	Topic	Speaker
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10 FEB 2022 | DAY - 1

9:00 - 21:30 EXHIBITION & ON DEMAND SESSIONS

HALL A LATEST IN CARDIOVASCULAR MEDICINE & INTERVENTION
Moderators: Omar Hallak | Zvonimir Krajcer | Wael Mhameed | Juwairia Al Ali

17:00 - 17:05	Welcome Message - 4TS Chairman	Omar Hallak, UAE
17:05 - 17:10	Welcome Message - 4TS Co-Director	Zvonimir Krajcer, USA
17:10 - 17:15	Welcome Message - President, International Society for Endovascular Specialists (ISEVS)	Oourania Preventza, USA
17:15 - 17:30	Latest Clinical Trials in Cardiovascular Medicine	Omar Hallak, UAE
17:30 - 17:40	Genetic testing in Heart Disease	Maryam Matar, UAE
17:40 - 17:50	Current status of VIV TAVR	Alexander Postalian, USA
17:50 - 18:00	Renal Protection in the Cath Lab	Leslie Miller, USA
18:00 - 18:10	Therapeutic Angiogenesis as a Revascularization Strategy in Severe Coronary Heart Disease	Jack Jacobs, USA
18:10 - 18:20	The Global Approach to CLI	Jihad Mustapha, USA
18:20 - 18:30	Q & A	

HALL A (CORONARY TRACK)

18:30 - 20:00 CHALLENGING CASE
Moderators: Omar Hallak | Najji Yazbek | Annie Varughese | Bassam Baroudi | Mahmoud Butt

18:30 - 18:40	Coronary Anurysm Coiling	Ahmad Hallak, USA
18:40 - 18:50	Algorithm for uncrossable / undilatable lesions	Mohaned Egred, UK
18:50 - 19:00	Unexpected Coronary Artery Dissection	Fekry El Deeb, UAE
19:00 - 19:10	My nightmare in the cathlab	Joachim Weil, Germany
19:10 - 19:20	Challenges with Left Main Stem Stenting	Rajeev Lochan, UAE
19:20 - 19:30	Coronary Fistula Closure	Jose Carlos Moreno, Spain
19:30 - 19:40	In stent Restenosis: Mechanisms and Treatment	Azfar Zaman, UK
19:40 - 19:50	Challenging CHIP case	Adel Etriby, Egypt
19:50 - 20:00	Q & A	

HALL B (STRUCTURAL TRACK)

18:30 - 20:00 TAVI
Moderators: Fayaz Shawl | Firas Alani | Michael J. Reardon | Abdelkader Almanfi

18:30 - 18:40	Critical Aortic stenosis with Hemodynamic compromise : "Management Strategies"	Fayaz Shawl, USA
18:40 - 18:50	Current status of TAVR for AS	Michael J. Reardon, USA
18:50 - 19:00	Challenging TAVR case and alternative access for TAVR	Abdelkader Almanfi, USA
19:00 - 19:10	Large Intravascular ultrasound for AO valve annulus measurements during TAVR	Diaa Hakim, USA
19:10 - 19:20	TVAR for bicuspid AV. What are the outcomes and what are the unmet needs	Zvonimir Krajcer, USA
19:20 - 19:30	Streamlined TAVR – the Rotterdam experience.	Nicholas Van Mieghem, Netherland
19:30 - 19:40	Challenging TAVR in a patient with LV hypertrophy	Muhamad Qintar, USA
19:40 - 20:00	Q & A	

HALL C (VASCULAR / ENDOVASCULAR TRACK)

18:30 - 20:00 ISEVS SESSION: AORTIC INTERVENTION
Moderators: Zvonimir Krajcer | Jacques Busquet | Ourania Preventza | Piotr Szopinski

18:30 - 18:40	Current status of stent grafting for type A dissection	Michael J. Reardon, USA
18:40 - 18:50	Evolution of EVAR for ruptured AAAs: from oddity to treatment of choice	Frank J. Veith, USA
18:50 - 19:00	Ascending aorta : Endovascular solutions in the year 2022	Oourania Preventza, USA
19:00 - 19:10	Brights and Shadows of endovascular repair of the aortic arch	Vincent Riambau, USA
19:10 - 19:20	Progress in development of endografts for ascending aortic lesions	Rodney White, USA
19:20 - 19:30	Branched endografts for the aortic arch when commercial devices not available	Oourania Preventza, USA
19:30 - 19:40	How to manage uncomplicated aortic type B dissection nowadays.	Vincent Riambau, USA
19:40 - 19:50	Endovascular Treatment for Complex Thoracic Aortic Disease: Arch Branch Evolution	Piotr Szopinski ,Poland
19:50 - 20:00	Q & A	

8:00 - 8:30 SYMPOSIUM (GE) Revolution in Cardiac CT with Artificial Intelligence
Eng Khalid Younis, UAE

20:30 - 21:30 CALCIFIED CORONARY
Moderators: Allam Kowatli | Houssein Mustafa | Muhamed Salem Yasir Parviz | Rafiq Abusamra | Javed Ahmed

20:30 - 20:40	Approach to Calcified lesions	Evan Shlofmitz, USA
20:40 - 20:50	Hybrid PCI approach to treat calcified lesions	Javed Ahmed, UK
20:50 - 21:00	Lithoplasty for Coronary and PVD	Neil Strickman, USA
21:00 - 21:10	Heavy calcified coronary stenosis.: Case p\resentation	Jasem Al Hashmi, UAE
21:10 - 21:30	Q & A	

20:30 - 21:30 MITRAL VALVE INTERVENTION
Moderators: Abdelkader Almanfi | Stephen Ramee | Muhamad Qintar | Nicholas Van Mieghem

20:30 - 20:40	Transcatheter mitral valve replacement	Michael J. Reardon, USA
20:40 - 20:50	A plea for earlier transcatheter edge to edge repair for functional mitral regurgitation in heart failure.	Nicholas Van Mieghem, Netherland
20:50 - 21:00	Invasive hemodynamics in guiding transcatheter mitral valve repair	Mohamad Adnan Alkhoul, USA
21:00 - 21:10	Balloon mitral valvuloplasty	Hussien Heshmat, UAE
21:10 - 21:30	Q & A	

20:30 - 21:30 CHRONIC LEG ISCHEMIA
Moderators: Abdul Bahro | N N Khanna | Jihad Mustapha | Jayer Chung | Francesco Serino

20:30 - 20:40	Percutaneous first strategies for the management of acute limb ischemia.	Jayer Chung, USA
20:40 - 20:50	Does DES deliver longer term patency than DCB? What the trial results suggest	Gary Ansel, USA
20:50 - 21:00	The biological explanation of the failure of based drug eluting technology in tibial vessels"	Francesco Serino, UAE
21:00 - 21:10	DSA Prior to an Amputation for CLI to Optimize Limb Salvage	Jihad Mustapha, USA
21:00 - 21:30	Q & A	



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11 FEB 2022 | DAY - 2

9:00 - 21:00 EXHIBITION & ON DEMAND SESSIONS

HALL A (CORONARY TRACK)

GENERAL CARDIOVASCULAR SESSION

17:00 - 18:00 Moderators: :Joseph G. Rogers | Omar Hallak | Annie Varughese Amrish Agrawal

17:00 - 17:10	Acute Heart Failure and Cardiogenic Shock: Unanswered Questions and a Path Forward	Joseph G. Rogers, USA
17:10 - 17:20	Catheter-Based Management of Acute and Chronic Heart Failure:A Paradigm Change	Leslie Miller, USA
17:20 - 17:30	EECP in 2022	Annie Varughese, USA
17:30 - 17:40	Paradoxical Low flow aortic stenosis "diagnosis , Imaging and Intervention"	Galal Elkilany, USA
17:40 - 17:50	Mi complicated with VSD	Yasser Menaissy, UAE
17:50 - 18:00	Q & A	

COMPLICATION CASES

18:00 - 19:30 Moderators: Abdul Bahro | Omar Hallak | Firas Alani | Jose Tafur Mohammad Zaidan | Fawzi Safadi

18:00 - 18:10	Complication Case	Omar Hallak, UAE
18:10 - 18:20	Acute stroke intervention, why and how cardiologist should become involved: Acute carotid treatment following an ischemic stroke	Horst Sievert, Germany
18:20 - 18:30	LM Dissection Case	Mahmood Alkoteesh, Syria
18:30 - 18:40	Myocardial Bridge rupture after stent	Mohammad Zaidan ,USA
18:40 - 18:50	Stent failure, a second chance to get it right	Evan Shlofmitz, USA
18:50 - 19:00	Perforation: During cutting balloon dilatation of LCX	Deepak Jain, Germany
19:00 - 19:10	Epicardial perforation druring CTO , treated with thromt	Mohammad Zaidan, USA
19:10 - 19:30	Q & A	

19:30 - 19:45 **SYMPOSIUM (VIATRIS)**
Viatrix Story on Cardiovascular Health & Managing NCD Diseases Dr. Osman Zubaidi, Qatar

19:45 - 20:00 **SYMPOSIUM (NOVARTIS)**
Emerging therapeutic options in lipid management: from theory to practice Dr. Hani Sabour, UAE

ACS INTERVENTION

20:00 - 21:30 Moderators: Omar Hallak | Yasir Parviz | Allam Kowatli | Jose Tafur Abdulla Shehab

20:00 - 20:10	Percutaneous Mechanical Circulatory Support in Shock Patients	Omar Lattouf, USA
20:10 - 20:20	Management of heavy clot burden in patients presenting with Acute Coronary Syndrome	M Chadi Alraies, USA
20:20 - 20:30	The applications of drug coated balloons in primary PCI, a review of the current literature.	Yahya Kiwan, UAE
20:30 - 20:40	STEMI Case	Abdul Majid Alzubaidi, UAE
20:40 - 20:50	Weaning and Escalation of mechanical circulatory support in patients with cardiogenic shock	M Chadi Alraies, USA
20:50 - 21:00	STEMI care 2022	Damodhar Suresh, USA
21:00 - 21:10	DCB in PPCI when and how	Abdulla Shehab, UAE
21:10 - 21:30	MI with multiple Culprits	Jose Tafur, USA
21:20 - 21:30	Q & A	

HALL B (STRUCTURAL TRACK)

STRUCTURAL INTERVENTION -1

17:00 - 18:00 Moderators: Zvonimir Krajcer | Horst Sievert | Jose Carlos Moreno Mohamad Adnan Alkhouli

17:00 - 17:10	Device related thrombus after left atrial appendage closure	Mohamad Adnan Alkhouli, USA
17:10 - 17:20	LAA closer ;Current state and future intervention	Horst Sievert, Germany
17:20 - 17:30	Combined percutaneous closure of mitral paravalvular leak and left atrial appendage using novel imaging techniques	Jose Carlos Moreno, Spain
17:30 - 17:40	Challenging Left Atrial Appendage Closure Cases	Mohammed Qintar, USA
17:40 - 18:00	Q & A	

STRUCTURAL INTERVENTION -2

18:00 - 19:30 Moderators: Arif Nooryani | Abdelkader Almanfi | David Wood Jan Skowronski | Stephen Ramee

18:00 - 18:10	New Frontiers in Cardio-embolic Stroke Patients : AngioVac for Left Sided Heart Lesions	Mohammed Qintar, USA
18:10 - 18:20	Transcatheter management of mitral valve disease	Praveen Chandra, India
18:20 - 18:30	Aortic valve disease : what valve for which patient in 20	Victor Costache, Romania
18:30 - 18:40	Unresolved Questions in Structural Heart Disease	David Wood, Canada
18:40 - 18:50	Decisions in multivalvular Interventions	Waleed Kadro, UAE
18:50 - 19:00	No Contrast TAVR Technique	Stephen Ramee, USA
19:00 - 19:10	TAVR In Lower Risk Patients	Arif Nooryani, UAE
19:10 - 19:20	TAVI in Asymptomatic Patients	Albert Alahmar, UAE
19:20 - 19:30	Q & A	



GENERAL INTERVENTION - 1

20:00 - 21:00 Moderators: Abdul Bahro | Jan Skowronski | Fawzi Safadi

20:00 - 20:10	Aortic coarctation treatment	Anas Abu Hazeem, UAE
20:10 - 20:20	ASD closure by TEE guidance only	Waleed Kadro, UAE
20:20 - 20:30	Endoscopic mitral valve repair will continue to be the gold standard for mitral valve regurgitation	Victor Costache, Romania
20:30 - 20:40	The first cause of Erectile dysfunction: symptoms, hemodynamics and treatment for cavernovenous leakage in the world largest series	Eric Allaire, France
20:40 - 20:50	How to Treat an Instent Carotid Restenosis?	Jacques Busquet, France
20:50 - 21:00	Q & A	

HALL C (VASCULAR / ENDOVASCULAR TRACK)

INTRACRINIAL / CARTOID INTERVENTION

17:00 - 18:00 Moderators: Ali Aburahma | Joseph Coselli | Gert DeBorst | Ralf Kolvenbach | Rafiq Abusamrah | Firas Alani

17:00 - 17:10	25 years of Progress with Transfemoral Carotid Stenting	Gary Roubin, USA
17:10 - 17:20	Carotid Stenting 2022	Neil Strickman, USA
17:20 - 17:30	How does Plaque Morphology Play a Role in Management of Carotid Bifurcation Disease in 2022?	Palma Shaw, USA
17:30 - 1740	Role of stroke severity, timing to intervention, tPA and when is CEA or CAS indicated after an acute stroke	Hernan Bazan, USA
17:40 - 17:50	Carotid artery web, an under recognized cause of stroke.	W Charles Sternbergh III, USA
17:50 - 18:00	Q & A	

VENOUS / PULMONARY INTERVENTION

18:00 - 19:30 Moderators: Jan Skowronski | Omar Lattouf | Ahmad Farah | Grzegorz Oszkinis

18:00 - 18:10	Team Approach to Acute Life Threatening PE	Omar Lattouf, USA
18:10 - 18;20	Pelvic Venous Obstruction: From Disease to Design	Grzegorz Oszkinis, Poland
18:20 - 18:30	DVT Case	Sameh Sayfo, USA
18:30 - 18:40	Endovascular Treatment in a Compkex Chronic occluded Iliofemoral Vein	Gustavo Rubio Arguello, Mexico
18:40 - 18:50	May-Thurner Syndrome case	Ahmad Farah, UAE
18:50 - 19:00	Pulmonary Embolism new technic	Sameh Sayfo, USA
19:00 - 19:10	Endovascular treatment of large pulmonary embolisms. What to use and when?	Jan Skowronski, USA
19:10 - 19:30	Q & A	



LOWER EXTREMITY VASCULAR INTERVENTION

20:00 - 21:00 Moderators: Ali AbuRahma | Zvonimir Krajcer | Omar Hallak Abdul Bahro | Gary Ansel

20:00 - 20:10	Femoral popliteal interventions: What's hot and what's not	Christopher White, USA
20:10 - 20:20	Artificial intelligence to augment clinical decision making in chronic limb threatening ischemia	Jayer Chung, USA
20:20 - 20:30	INPACT global 5 year results for complex fempop disease.	Gary Ansel, USA
20:30 - 20:40	Peripheral intravascular lithotripsy of iliofemoral arteries	Grzegorz Oszkinis, Poland
20:40 - 20:50	Advances in Acute Limb Ischemia : has COVID-19 Changed our approach?	Palma Shaw, USA
20:50 - 21:00	Real-World Outcomes with Zilver PTX Drug-Eluting Stents for Complex Femoropopliteal Disease: Why Do They Differ from Trial Results	Ali AbuRahma, USA
21:00 - 21:10	Challenging Case	NN Khanna, India
21:10 - 21:20	Pedal Arch Reconstruction techniques	Tony Das, USA
21:20 - 21:30	Q & A	



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12 FEB 2022 | DAY - 3

9:00 - 21:00 EXHIBITION & ON DEMAND SESSIONS

HALL A (CORONARY TRACK)

CHALLENGING CASE		
17:00 - 18:00	Moderators: Omar Hallak Mehmoud Butt Niranjan Reddy Diaa Hakim Fawzi Safadi	
17:00 - 17:10	OCT MILD MAX Algorithm	Niranjan Reddy, USA
17:10 - 17:20	Preemptive PCI for coronary artery disease: identification of the appropriate high-risk lesion	Diaa Hakim, USA
17:20 - 17:30	Retrograde CTO PCI: A 2022 update	Debabrata Dash, UAE
17:30 - 17:40	Challenging Intervention scenarios	Ahmed Magdy, Egypt
17:40 - 17:50	Q & A	

GENERAL CARDIOLOGY

GENERAL CARDIOLOGY		
18:00 - 19:00	Moderators: P.C. Manoria Tamkeen Kinah Layla Almarzouqi Nooshin Bazargani	
18:00 - 18:10	Understanding the Management of Hypertension and Dyslipidaemia in UAE Population: An Evidence-based Mapping of Literature	Samer Ellahham, UAE
18:10 - 18:20	When to intervene in chronic ischemic syndrome	Ahmed Magdy, Egypt
18:20 - 18:30	MI with normal coronary	Layla Marzouqi, UAE
18:30 - 18:40	Oral semaglutide : The innovation of the century	P C Manoria, India
18:40 - 18:50	Covid and the Heart	Osama Hallak, USA
18:50 - 19:00	Q & A	

19:00 - 19:30	SYMPOSIUM (AMGEN) Time to Act for ACS patients	Prof: Lale Tokgözoğlu
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GENERAL CARDIOLOGY

GENERAL CARDIOLOGY		
19:30 - 21:00	Moderators: Bassam Baroudi Samer Ellahham GN Mahapatra Annie Varughese	
19:30 - 19:40	Multifaceted role of PET in clinical cardiac practice	GN Mahapatra, India
19:40 - 19:50	Update on the role of Blockchain in cardiology	Samer Ellahham, UAE
19:50 - 20:00	Navigating the Realm of NOACs in Hard-to-Treat Patients	Mohamed Salah, UAE
20:00 - 20:10	Prosthetic Valve endocarditis in 2022	Amrsh Agrawal, UAE
20:10 - 20:20	IVC Filter Indications and complications	James Jenkins, USA
20:20 - 20:30	Keto Diet, what is good, what is bad	Razan Hallak, USA
20:30 - 20:40	DR Eric Cassell and The Heart of Medicine	Lauren Barron, USA
20:40 - 21:00	Q & A	

HALL B (GENERAL INTERVENTION TRACK)

GENERAL INTERVENTION - 2		
17:00 - 18:00	Moderators: Jan Skowronski Joseph L. Mills Abdunaser Ouda Diaa Hakim Omer Goktekin	
17:00 - 17:10	Spleno renal artery transposition: unique application in patient with recurrent aortic graft infection (Case Presentation)	Joseph L. Mills, USA
17:10 - 17:20	Wires for CTO PCI	Mohaned Egred, UK
17:20 - 17:30	A case of heavily calcified CAD, How to approach	Bassam Al Baba, UAE
17:30 - 17:40	PCI optimization- an Intravascular Imaging- based approach	Diaa Hakim, USA
17:40 - 17:50	Tips and tricks in difficult carotid artery stenting scenario	Omer Goktekin, Turkey
17:50 - 18:00	Q&A	

GENERAL INTERVENTION - 3

GENERAL INTERVENTION - 3		
18:00 - 19:00	Moderators: Bassam Baroudi Mohamed Salem Fekry El Deeb Ivo Petrov	
18:00 - 18:10	Coarctation cases	Waleed Kadro, UAE
18:10 - 18:20	Spontaneous Coronary Artery Dissection (SCAD) of the Left Main presenting with ACS	Ammar Safar, USA
18:20 - 18:30	Routine minimalistic approach or... how to perform PCI-like TAVI	Ivo Petrov, Bulgaria
18:30 - 18:40	Challenging case of Multivessel Calcified Coronary artery disease	Fekry El Deeb, UAE
18:40 - 19:00	Q & A	

19:00 - 19:30		
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GENERAL INTERVENTION - 4

GENERAL INTERVENTION - 4		
19:30 - 21:00	Moderators: Mehmood Butt Yazir Parviz Eliza Kaplan Waleed Kadro	
19:30 - 19:40	DCB in Bifurcation	Naveed Ahmed, UAE
19:40 - 19:50	Challenging Case	Yasir Parviz, UAE
19:50 - 20:00	My Approach to Ostial Circumflex Stenosis	Shahid Merchant, India
20:00 - 20:10	PCI in coronary bypass grafts	Waleed Kadro, UAE
20:10 - 20:20	LMS cases and plan of different managements	Jasem Al Hashmi, UAE
20:20 - 20:30	Complete Coronary Revascularization Left Anterior Thoracotomy , TCRAT	Fawzi Safadi, UAE
20:30 - 20:40	Challenging Case	Husain Mustafa, UAE
20:40 - 20:50	Impella salvage in a rotablated assisted PCI of the LAD	Eliza Kaplan, Swetzerland
20:50 - 21:00	Q & A	

HALL C (VASCULAR / ENDOVASCULAR TRACK)

ABDOMINAL AORTIC / BRANCHES INTERVENTION		
17:00 - 18:00	Moderators: Omar Hallak Jihad Mustafa Alan Lumsden	
17:00 - 17:10	Renal artery stenting: optimizing patient selection and outcomes.	Christopher White, USA
17:10 - 17:20	Endovascular treatment of hepatic artery stenosis after liver tranplantation.	W Charles Sternbergh, USA
17:20 - 17:30	Chronic mesenteric ischemia: optimal strategies for revascularization	Christopher White, USA
17:30 - 17:40	New trials and resurrection of renal denervation as method of treatment of patients with arterial	Ivo Petrov, Bulgaria
17:40 - 17:50	Dynamic CT Imaging for Endoleaks	Alan Lumsden, USA
17:50 - 18:00	Q & A	

INTERESTING ENDOVASCULAR INTERVENTION

INTERESTING ENDOVASCULAR INTERVENTION		
18:00 - 19:00	Moderators: Hussien Heshmat Zola N' Dandu Martin Maresch Ahmad Farah	
18:00 - 18:10	Unusual Complex Cases in the Peripheral World	Abdul G. Bahro, USA
18:10 - 18:20	Management of Superior Vena Cava syndrome	Martin Maresch, Bahrain
18:20 - 18:30	Upper limb angioplasty in dialysis and native vessels	Hussien Heshmat Kassem, UAE
18:30 - 18:40	Upper Extremities can also be saved with Percutaneous Intervention	Abdul G. Bahro, USA
18:40 - 18:50	Angiosome Guided (Direct) Revascularization in Limb Salvage	Ammar Safar, USA
18:50 - 19:00	Q & A	

19:00 - 19:30		
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INTERESTING ENDOVASCULAR INTERVENTION

INTERESTING ENDOVASCULAR INTERVENTION		
20:00 - 21:30	Moderators: Zvonimir Krajcer Jacques Busquet Palma Shaw Gustavo Oderich	
19:30 - 19:40	Is CERAB the right choice for Aortoiliac occlusion or does Aortobifemoral Bypass remain the gold standard?	Palma Shaw, USA
19:40 - 19:50	Aorto Iliac Occlusive Diseases: role of covered stents.	Michel Henry, Luxembourg
19:50 - 20:00	NECTERO	Venkatesh Ramaiah, USA
20:00 - 20:10	Vertebral Basilar Insufficiency Endovascular Treatment	James Jenkins, USA
20:10 - 20:20	Infected para visceral aortic penetrating aortic ulcer	Joseph L. Mills, USA
20:20 - 20:30	PQ bypass	Venkatesh Ramaiah, USA
20:30 - 20:40	Balancing selection of fenestrations and branches for endo TAAA repair	Gustavo Oderich, USA
20:40 - 20:50	Deep Veine Arterial revascularization for leg ischemia	Zola N' Dandu, USA
20:50 - 21:00	Q & A	