



**TURKISH  
SOCIETY OF  
CARDIOLOGY**



**TSC INTERVENTIONS**

TSC ASSOCIATION OF  
PERCUTANEOUS CARDIOVASCULAR INTERVENTIONS (TAPCI)

# ISTANBUL CTO & CHIP MEETING

Point Hotel Barbaros

<https://tsc-cto-chip2025.tkd.org.tr/>

COURSE DATE

**SEPTEMBER  
25, 2025**

MEETING DATE

**SEPTEMBER  
26-28, 2025**

**PROGRAM**

 **MedTech Europe**  
from diagnosis to cure



**EAPCI**

European Association of  
Percutaneous Cardiovascular  
Interventions

**SCIENTIFIC PROGRAM / THURSDAY, SEPTEMBER 25, 2025** **COURSE HALL**

**14:00-15:30** **APPROACH TO CALCIFIC LESIONS UNDER IMAGING GUIDANCE**

Moderators: *Hasan Ari, Serdar Sevimli*

14:00-14:15 Definition of calcific lesion and approach algorithm

*Serkan Kahraman*

14:15-14:30 Intravascular imaging in calcific lesions

*Emrah Erdoğan*

14:30-14:45 Use of cutting/scoring or OPN balloons in calcific lesions under imaging guidance

*Ali Kemal Kalkan*

14:45-15:00 Use of IVL in calcific lesions under imaging guidance

*Olca Özveren*

15:00-15:15 Use of rotational atherectomy in calcific lesions under imaging guidance

*Mustafa Aytekin Şimşek*

15:15-15:30 Use of orbital atherectomy in calcific lesions under imaging guidance

*Alp Burak Çatakoğlu*

**15:30-15:45** **BREAK**

**SCIENTIFIC PROGRAM / THURSDAY, SEPTEMBER 25, 2025** **COURSE HALL**

**15:45-17:00 CTO: ANTEGRADE APPROACH**

Moderators: *Mehmet Ertürk, Ahmet Seyfeddin Gürbüz*

15:45-16:00 Bilateral injection, tips and tricks: Starting antegrade to whom and when?  
*Mustafa Mücahit Balcı*

16:00-16:15 Antegrade wire escalation  
*Burak Ayça*

16:15-16:30 Parallel wire technique  
*Cüneyt Koças*

16:30-16:45 What to do with uncrossable cap?  
*Yavuz Karabağ*

16:45-17:00 Antegrade dissection reentry (ADR)  
*Ahmet Taştan*

**17:00-17:30 BREAK**

**17:30-18:45 CTO: RETROGRADE APPROACH**

Moderators: *Muzaffer Değertekin, Şevket Görgülü*

17:30-17:45 Who should receive a retrograde approach and what are the steps in retrograde CTO?  
*Müslüm Şahin*

17:45-18:00 Septal collateral crossing  
*Şükrü Akyüz*

18:00-18:15 Epicardial collateral crossing  
*Mehmet Ertürk*

18:15-18:30 Retrograde lesion crossing techniques (CART / rCART etc.)  
*Muzaffer Değertekin*

18:30-18:45 Wire externalization techniques  
*Ahmet Seyfeddin Gürbüz*

**SCIENTIFIC PROGRAM / FRIDAY, SEPTEMBER 26, 2025**

**MAIN HALL**

**08:30-09:30 WHO, WHEN, AND HOW TO INTERVENE IN CTO?**

Moderators: *Teoman Kılıç, Vecih Oduncu*

Discussant: *Ali Kemal Kalkan, Cengiz Şabanoğlu*

Panelists: *Uğur Köktürk, Şahin Topuz, Asım Enhoş, Hakan Duman*

08:30-08:45 Proper patient selection in CTO, EuroCTO perspective and review of the literature  
*Mehmet Fatih Yılmaz*

08:45-09:00 Who should receive an antegrade approach in CTO  
*Kevser Gülcihan Balcı*

09:00-09:15 Who should receive a retrograde approach in CTO  
*Cemil Zencir*

09:15-09:30 Radiation safety in CTO  
*Ali Cevat Tanalp*

**09:30-09:45 BREAK**

**SCIENTIFIC PROGRAM / FRIDAY, SEPTEMBER 26, 2025**

**MAIN HALL**

**09:45-11:30 LIVE CASES - CTO**



Moderators: *Muzaffer Değertekin, Gabriele Gasparini*

Discussant: *Can Yücel Karabay, Ali Rıza Akyüz*

Panelists: *Müslüm Şahin, Emine Gazi, Oktay Şenöz, Ahmet Karagöz*

Operators (Istanbul): *Mehmet Ertürk, Onur Taşar*

*Mehmet Akif Ersoy Thoracic and Cardiovascular Surgery Training and Research Hospital*

**Medtronic**

Operators (Germany): *Mohamed Ayoube (Impella)*

*University Heart Center NRW - Bad Oeynhausen, Germany*

Uncrossable cap - Solutions

*Gabriele Gasparini*

Balloon-uncrossable lesion in CTO: Solutions

*Ibrahim Faruk Aktürk*

**11:20-11:30** Dedicated device for PCI of calcified lesions (balloons predilatation)  
*Olca Özveren*



**11:30-11:45 BREAK**

**SCIENTIFIC PROGRAM / FRIDAY, SEPTEMBER 26, 2025****MAIN HALL****11:45-12:45 DRUG-COATED BALLOONS (DCB)**

Moderators: *Gökhan Alica, Ramazan Özdemir*

Discussant: *Ömer Çelik, Kurtuluş Karaüzüm*

Panelists: *Güney Erdoğan, Zafer Yalın, Veysel Ozan Tanık, Funda Başyığıt*

11:45-12:00 DCB use in coronary bifurcation lesions  
*Serkan Kahraman*

12:00-12:15 DCB in calcified lesions  
*Mehmet Erdoğan*

12:15-12:30 DCB use in CTO  
*Yakup Alsancak*

12:30-12:45 Stentless PCI: Full DCB or hybrid approach in complex PCI  
*Halil Akın*

12:45-14:00 **LUNCH** 🍴🍷

**13:00-13:45 COURSE 1: WHAT A CTO OPERATOR MUST KNOW ABOUT IVUS****HALL B**

Speaker: *Stephane Carlier*

**13:00-13:45 COURSE 2: CTO - WIRE SELECTION AND EFFECTIVE USE FROM A TO Z****HALL C**

Speaker: *Kerim Esenboğa*

**SCIENTIFIC PROGRAM / FRIDAY, SEPTEMBER 26, 2025**

**MAIN HALL**

**14:00-15:45 LIVE CASES - CTO & CHIP**



Moderators: *Erdoğan İlkay, Ömer Kozan*

Discussant: *Barış Kılıçaslan, Ahmet Güler*

Panelists: *Mert Evlice, Muhammet Hakan Taş, Sedat Kalkan, Önder Bilge*

**CTO**

Operators (Istanbul): *Ahmet Seyfeddin Gürbüz, Sefa Sural*

*Mehmet Akif Ersoy Thoracic and Cardiovascular Surgery Training and Research Hospital*

**CHIP**

**KARDİY**  **medikal**

**Shunmei**®  
Medical Technology creates future

Operators (Istanbul): *Hasan Arı, Serkan Kahraman*

*Mehmet Akif Ersoy Thoracic and Cardiovascular Surgery Training and Research Hospital*

**IVL or debulking in calcific in-stent restenosis?**



*Roberto Diletti*

**Use of rotablator in calcific CTO**

*Muzaffer Değertekin*

**15:45-16:00 BREAK**

**SCIENTIFIC PROGRAM / FRIDAY, SEPTEMBER 26, 2025**

**MAIN HALL**

**16:00-17:45 LIVE CASES - CTO**



Moderators: *Serdar Sevimli, Ersan Tatlı*

Panelists: *Kadri Akboğa, İrfan Şahin, Fatih Akın, Ali Karagöz*

Operators (Istanbul): *Gabriele Gasparini, Burak Ayça*  
*Yeditepe University Hospital*

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Operators (Istanbul): *Şevket Görgülü, Hakan Taşolar*  
*Mehmet Akif Ersoy Thoracic and Cardiovascular Surgery Training and Research Hospital*

Approach to burr entrapment  
*Hasan Arı*

Epicardial crossing techniques  
*Mehmet Ertürk*

**17:45-18:00 BREAK**



**SCIENTIFIC PROGRAM / FRIDAY, SEPTEMBER 26, 2025**

**MAIN HALL**

**18:00-19:00 INTERESTING CASES - CTO & CHIP 1**

Moderators: *Faruk Ertaş, Ramazan Topsakal*

Discussant: *Mehmet Melek, İsmail Bıyık*

Panelists: *Bilal Çuğlan, Ayhan Erkol, Cenk Sarı, Volkan Emren*

18:00-18:10 Difficult wire externalization

*Onur Erdoğan*

18:10-18:20 CTO within bifurcation lesion

*Mehmet Sait Alıntaş*

18:20-18:30 What is the easiest way to use Tip-in technique?

*Muzaffer Aslan*

18:30-18:40 Why I used rotablator in a CTO case?

*Sidar Şiyar Aydın*

18:40-18:50 My CTO using DCB case - for which lesion?

*Ömer Taşbulak*

18:50-19:00 Ipsilateral retrograde lad CTO

*Çağatay Önal*

**SCIENTIFIC PROGRAM / FRIDAY, SEPTEMBER 26, 2025**

**HALL B**

**08:30-09:30 CASE PRESENTATION SESSIONS 1**

Moderators: *Çağdaş Uygur Yüksel, Fehmi Kaçmaz*

- OS-1** Successful revascularization of Ostial D1 via ipsilateral retrograde approach in a patient with dual LAD anatomy and CABG history  
*Özkan Karaca*
- OS-2** Microcatheter tip broken in a challenging CTO procedure: A determined team, a successful solution  
*Çağlar Alp*
- OS-3** Challenging intervention in highly calcified, balloon and microcatheter uncrossable LAD CTO lesion (Approach to balloon uncrossable lesion)  
*Enes Ali Aslan*
- OS-4** Difficult side branch crossing and drug-eluting balloon use in a chronic total occlusion case within bifurcation  
*Erkan Kalendar*
- OS-5** Coronary artery perforation during CX CTO: Graft stent dislodgement and successful treatment with Coil embolization  
*Sevil Gülaştı*
- OS-6** Intralésional Type-in  
*Sefa Sural*
- OS-7** Successful recanalization of LAD CTO lesion with a retrograde approach from septo-septal collateral using the rendezvous technique  
*Hasan Kan*

**SCIENTIFIC PROGRAM / FRIDAY, SEPTEMBER 26, 2025**

**HALL B**

**11:45-12:45 CASE PRESENTATION SESSIONS 2**

Moderators: *Burak Teymen, Halil Fedai*

- OS-8** Successful intervention for angular and highly calcified RCA CTO  
*Uğur Özpinar*
- OS-9** Retro CTO, LMCA thrombus; Perfect storm  
*Sezgin Uzunoğlu*
- OS-10** Successful revascularization of LAD CTO, which could not be crossed by antegrade and retrograde methods, using side-base technique and dual lumen microcatheter  
*Akif Durak*
- OS-11** Guide extension-assisted reverse CART  
*İsmail Bolat*
- OS-12** Percutaneous coronary intervention in left main coronary artery trifurcation lesion:  
A case report  
*Mert Doğan*
- OS-13** Step-by-step procedural strategy for severe calcific CTO lesions after CABG  
*Tuğhan Hasan Uslu*
- OS-14** RCA CTO case starting with catheter dissection and proceeding with rupture  
*Ahmet Yılmaz*

**SCIENTIFIC PROGRAM / SATURDAY, SEPTEMBER 27, 2025 MAIN HALL**

**08:30-09:30 CALCIFICATION: BREAK IT DOWN - HOW, WITH WHAT, AND WHEN?**

Moderators: *Mehmet Ballı, Orhan Maden*

Discussant: *Okay Abacı, Erkan Köklü*

Panelists: *Raif Kılıç, Uğur Aksu, Mustafa Yenerçay, Ersin Sarıçam, Erkan Köklü*

08:30-08:45 Calcium approach algorithm: Uncrossable and undilatable lesions  
*İlhan İlker Avcı*

08:45-09:00 Cutting balloon, scoring balloon, and OPN - For whom and when?  
*Murat Çelik*

09:00-09:15 IVL - For which lesion, when, and how? Does it solve everything?  
*Ahmet Hakan Ateş*

09:15-09:30 Debulking methods - For whom, which method, and how?  
*Elton Soydan*

**09:30-09:45 BREAK**

**SCIENTIFIC PROGRAM / SATURDAY, SEPTEMBER 27, 2025 MAIN HALL**

**09:45-11:30 LIVE CASES - CTO**



Moderators: *Gerald Werner, Mohamed Ayoub*

Discussant: *Mustafa Karaca, Bilgehan Karadağ*

Panelists: *Mahmut Uluganyan, Mahmut Yesin, Abdullah Yıldırım, Ersan Oflar*

Operators (Istanbul): *Can Yücel Karabay, Gökhan Çetinkal*

*Mehmet Akif Ersoy Thoracic and Cardiovascular Surgery Training and Research Hospital*

Operators (Japan): *Maoto Habara, Kota Tanaka*

*Toyohashi Heart Center*

r-CART failed - What should we do?

*Gerald Werner*

How should we manage collateral perforation?

*Mohamed Ayoub*

**11:30-11:45 BREAK**

**SCIENTIFIC PROGRAM / SATURDAY, SEPTEMBER 27, 2025 MAIN HALL****11:45-12:45 APPROACH TO LEFT MAIN CORONARY ARTERY (LMCA) LESIONS  
EAPCI JOINT SESSION**

Moderators: *Muzaffer Değertekin, Valeria Paradies*

Discussant: *Fatih Şen, Ahmet Soylu*

Panelists: *Konstantinos Toutouzas, Oğuzhan Birdal*

11:45-12:00 Are all LMCA lesions the same? Anatomical differences  
*Mustafa Aytek Şimşek*

12:00-12:15 IVUS or OCT in LMCA interventions – who gets what and how to interpret?  
(pre- and post-procedure)

 *Roberto Diletti*

12:15-12:30 Debulking or IVL in preparation of calcified LMCA lesions?  
*Stefan Harb*

12:30-12:45 Distal LM True Bifurcation lesions PCI: 1 Stent or 2 stent or DCB When and for whom?  
*Serkan Kahraman*

12:45-14:00 **LUNCH** 

**13:00-13:45 COURSE 1: CTO - MICROCATHETER SELECTION AND  
EFFECTIVE USE FROM A TO Z****HALL B**

Speaker: *Şevket Görgülü*

**13:00-13:45 COURSE 2: DCB COURSE****HALL C**

Speaker: *Erdoğan İlkay*

**SCIENTIFIC PROGRAM / SATURDAY, SEPTEMBER 27, 2025 MAIN HALL**

**14:00-15:45 LIVE CASES - CTO**



Moderators: *Stephane Carlier, Cem Barçın*

Discussant: *Eyüp Avcı, Ekrem Güler*

Panelists: *Alper Karakuş, Tuna Katırcıbaşı, Tuğba Gürsoy, Ahmet Taştan*

Operators (Istanbul): *Gerald Werner, Muzaffer Değertekin, Olcay Özveren*

*Yeditepe University Hospital*

**Medtronic**

Operators (Istanbul): *Ahmed Elguindy, Kudret Keskin*

*Mehmet Akif Ersoy Thoracic and Cardiovascular Surgery Training and Research Hospital*

**B | BRAUN**  
SHARING EXPERTISE

Retrograde wiring - What to do if microcatheter can't be advanced?

*Alev Kılıçgedik*

How to externalize retrograde wire, which technique?

*Burak Ayça*

**15:45-16:00 BREAK**

**SCIENTIFIC PROGRAM / SATURDAY, SEPTEMBER 27, 2025 MAIN HALL**

**16:00-17:45 LIVE CASES - CALCIFIC CTO & CHIP LESIONS**



**Moderators:** *Ertuğrul Okuyan, Şevket Görgülü*

**Discussant:** *Mehmet Burak Özen, Çağdaş Özdöl*

**Panelists:** *Efe Edem, Aydın Akyüz, Özgür Ulaş Özcan, Özkan Karaca*

**Calcific CTO Lesions**

**Operators (Istanbul):** *Mohamed Ayoub, Kerim Esenboğa*

*Medipol Mega University Hospital*

**Calcific CHIP Lesions**

**Operators (Istanbul):** *Bilal Boztosun, Eser Durmaz*

*Medipol Mega University Hospital*



**Mechanical Circulatory Support - Who is the right candidate and how to select?**

*Ahmed Elguindy*

**Calcified nodule - Is it our nightmare?**

*Konstantinos Toutouzias*

**17:45-18:00 BREAK**



**SCIENTIFIC PROGRAM / SATURDAY, SEPTEMBER 27, 2025 MAIN HALL**

**18:00-19:00 INTERESTING CASES - CTO&CHIP 2**

Moderators: *Gökhan Alica, Sami Özgül*

Discussant: *Akın İzgi, Alparslan Kurtul*

Panelists: *Eyyüp Erkiz, Neryan Özgül, Bektaş Murat, Şerafettin Demir*

18:00-18:10 A challenging CTO case: Coil application to coronary perforation  
*Mustafa Çelik*

18:10-18:20 Revascularization of a right coronary artery with a chronic total occlusion and an origin anomaly (septal-like) using the 'reverse controlled antegrade and retrograde tracking technique' and 'Rendez-vous' techniques  
*Muammer Karakayalı*

18:20-18:30 Importance of the Carlino technique  
*Yalçın Avcı*

18:30-18:40 Guide extension use and rCART  
*Ömer Faruk Baycan*

18:40-18:50 ADR with and without Stingray  
*Sinan İnci*

18:50-19:00 How to manage ambiguous cap CTO?  
*İnanç Artaç*

**SCIENTIFIC PROGRAM / SATURDAY, SEPTEMBER 27, 2025**

**HALL B**

**08:30-09:30 CASE PRESENTATION SESSIONS 3**

Moderators: *Hasan Pekdemir, Mustafa Necati Dağlı*

- OS-15** RCA retrograde CTO procedure from the LAD septal artery  
*Davut Barış Çiçek*
- OS-16** A flush ostial LAD in-stent CTO in a CABG patient who developed LIMA failure  
*Kurtuluş Karaüzüm*
- OS-17** Flush ostial RCA CTO  
*Sinan Şahin*
- OS-18** Retrograde approach to RCA CTO via epicardial route  
*Muhammed Mert Göksu*
- OS-19** IVUS-guided LAD-Diagonal Mini Crush stenting for Ambiguous proximal cap LAD CTO with an antegrade approach  
*Muhammed Mert Göksu*
- OS-20** Treatment of severe calcific de novo coronary artery stenosis with drug-eluting balloon after plaque modification  
*Muhammed Zeki Mertcan*
- OS-21** Emergent Surgical revascularization for left anterior descending artery perforation during chronic total occlusion percutaneous coronary intervention: A successful salvage with coronary artery bypass graft  
*Emre Yalçın*

**SCIENTIFIC PROGRAM / SATURDAY, SEPTEMBER 27, 2025****HALL B****11:45-12:45 CASE PRESENTATION SESSIONS 4**

Moderators: *Ahmet Güler, Ahmet Arif Yalçın*

- OS-22** From success to crisis: LAD perforation, tamponade, and subacute graft stent thrombosis in a young patient with 2-Vessel PCI  
*Bahram Kadırov*
- OS-23** Donor artery complication during retrograde CTO  
*Fatih Akın*
- OS-24** RCA-CTO case report  
*Muzaffer Aslan*
- OS-25** Successful retrograde recanalization of right coronary artery chronic total occlusion using reverse CART and externalization technique: A step-by-step strategic approach in a complex case  
*Yunus Emre Özbebek*
- OS-26** Successful mini-crush bifurcation PCI following complex CTO recanalization of the left circumflex artery in a patient with NSTEMI  
*Didar Mirzamidinov*
- OS-27** LAD osteal CTO  
*Rıdvan Yurt*
- OS-28** Preparing for winter in summer like an ant: RCA CTO in which the distal artery cannot be crossed - Investment technique  
*Emre Özdemir*

**SCIENTIFIC PROGRAM / SUNDAY, SEPTEMBER 28, 2025**

**MAIN HALL**

**09:00-10:00 INTERESTING CASES - CTO&CHIP 3**

Moderators: *Ilgin Karaca, Mehmet Ali Kobat*

Discussant: *Hikmet Hamur*

Panelists: *Mükremin Coşkun, Timor Oman, Idris Buğra Çerik, Ali Bağcı*

09:00-09:10 From disaster to revascularization: Managing a stripped stent in heavily calcified RCA  
*Emre Özerdem*

09:10-09:20 When and how should we perform septal dilatation?  
*Cafer Panç*

09:20-09:30 The importance of Coil in cath-lab: collateral rupture  
*Erdoğan Yaşar*

09:30-09:40 The wire passed but the balloon didn't, what did I do?  
*Ahmet Yılmaz*

09:40-09:50 How should we manage if the retrograde microcatheter did not advance?  
*Gökhan Alıcı*

09:50-10:00 A case of balloon uncrossable chronic total occlusion after the use of rotablator.  
A case of hybrid approach with DCB and DES  
*Emre Dağlıoğlu*

**10:00-10:15 BREAK**

**SCIENTIFIC PROGRAM / SUNDAY, SEPTEMBER 28, 2025**

**MAIN HALL**

**10:15-11:15 INTERESTING CASES - CTO&CHIP 4**

Moderators: *Elnur Alizade, Yüksel Kaya*

Discussant: *Naci Babat, Yunus Emre Özbebek*

Panelists: *Ökkeş Uku, Kayıhan Karaman, Yasin Özen, Yücel Kanal*

10:15-10:25 Which one is better: Tip-in or Rendezvous?

*Ilyas Çetin*

10:25-10:35 Epicardial collateral rupture developing during retrograde intervention on the left anterior descending artery in chronic total occlusion: Coil embolization

*Mert Doğan*

10:35-10:45 Different perspective on pericardial tamponade

*Ümit Bulut*

10:45-10:55 CTO cases including bifurcation lesion

*Fuat Caner*

10:55-11:05 Hybrid approach in CTO: DES + DCB

*Yusuf Demir*

11:05-11:15 Calcified underexpanded stent restenosis: How should I manage?

*Ömer Furkan Demir*

**SCIENTIFIC PROGRAM / SUNDAY, SEPTEMBER 28, 2025**

**HALL B**

**11:30-12:30 CASE PRESENTATION SESSIONS 5**

Moderators: *Refik Erdim, Turhan Turan*

- OS-29** Use of drug coated balloon in chronic total occlusion  
*Mehmet Şirin Türkan*
- OS-30** PCI in left main disease: A case of provisional left main PCI  
*Emrah Erdoğan*
- OS-31** Successful management of complex ostial SVG-CX in-stent restenosis with LMCA-CX crossover CTO PCI  
*Oktay Şenöz*
- OS-32** An alternative antegrade strategy in ambiguous cap CTO with non-dedicated wire  
*Burak Bahtiyar*
- OS-33** The importance of CHIP score in complex PCI - Case report  
*Melisa Uraz*
- OS-34** Use of ultra-low contrast with IVUS in a case of advanced CKD and advanced HF complex PCI case  
*Mehmet Şirin Türkan*
- OS-35** Successful RCA CTO and CX-OM bifurcation DEB treatment with double radial intervention in a patient with unsuccessful RCA CTO attempt  
*Mehmet Kaya*



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