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Almost Hands On
Chronic Total Occlusion

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VENUE

HOSPITAL CLÍNICO SAN CARLOS
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11th AHO MEETING

Faculty:
D. Karmpaliotis
E. Tsuchikane
M. Yamane

Directors:
J. Escaned
J. Goicolea
M. Sabaté

Co-Directors:
J. A. Fernández Díaz
N. Gonzalo
A. Regueiro
P. Salinas

MADRID

June 3rd & 4th 2019

Hospital Clínico San Carlos
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AHCTO

Almost Hands On

Chronic Total Occlusion

The 2019 AHO (Almost Hands On) workshop is about to start. Madrid welcomes you again in this 11th edition of the meeting with the experts in chronic total occlusions (CTO). AHO 2019 has the privilege to count again on the participation of 2 of world's most experienced operators in CTO recanalization technique from the Japanese school: Dr. Etsuo Tsuchikane and Dr. Masahisa Yamane. Besides, we want to welcome Dr. Dimitrios Karmpaliotis representing the Hybrid school.
Treatment of CTO is an evolving technique that requires a continuous learning and medical education. The spirit of the AHO is to learn from the experts those new technical tips and tricks that may improve the outcomes of the procedure. This tête-à-tête meeting provides the unique opportunity to the attendees to exchange ideas, ask for advice and share experience with colleagues.
This year's edition is also focused on young interventionalists who want to learn the basics on CTO in a dedicated workshop with simulators for real 'hands on'.

We thankfully acknowledge the support from Abbott, Terumo, World Medica, Boston Scientific, Biosensors, Cardinal Health, Orbus Neich, Philips, Teleflex, through unrestricted educational grant.

We look forward to seeing you in Madrid next June!!!

The AHO Workshop Directors

Dr. Manel Sabaté – Hospital Clinc Barcelona
Dr. Javier Escaed – Hospital Clínico San Carlos Madrid
Dr. Javier Goicolea – Hospital Puerta de Hierro

Monday 3rd June 2019

09:00-09:15	**Welcome and introduction.** Dr. Manel Sabaté / Dr. Javier Goicolea / Dr. Javier Escaned
09:15-09:45	**Review of the cases from last year.**
09:45-11:15	**LIVE CASE 1** Percutaneous treatment of a chronic total coronary occlusion. Dr. Dimitri Karmpaliotis
11:15-11:45	Coffe break
11:45-12:00	**Guiding principles for coronay CTO intervention: a global expert consensus.** Dr. Javier Escaned
12:00-12:15	**Angiogram evaluation in CTO PCI. CTO Scores.** Dr. Pablo Salinas
12:15-12:35	**Update of the basic CTO toolbox.** Dra. Nieves Gonzalo
12:35-12:55	**Crossing strategies and efficient change to an alternative crossing technique.** Dr. Dimitri Karmpaliotis
12:55-13:15	**Wire scalation principles.** Dr. Masahisa Yamane
13:15-13:35	**Antegrade dissection and reentry.** Dr. Dimitri Karmpaliotis
13:35	**Lunch**
14:30-15:50	**LIVE CASE 2** Coronary chronic total occlusion in a patient with ischemic and viable myocardium. Dr. Yamane
15:50-16:10	**Retrograde approach.** Dr. Etsuo Tsuchikane
16:10-17:00	**CASES DISCUSSION**
17:00	**End of day 1.**

Tuesday 4th June 2019

08:30-09:00	**Update in CTO bibliography.** Dr. José Antonio Fernández
09:00-10:30	**LIVE CASE 3** Use of imaging techniques in a patient with a chronic total occlusion. Dr. Etsuo Tsuchikane
10:30-11:00	Coffe break
11:00-11:20	**How to solve frequent problems in CTO PCI I: uncrossable cap.**
11:20-11:40	**How to solve frequent problems in CTO PCI II: microcatheter does not advance.** Dr. Masahisa Yamane
11:40-12:00	**How to solve frequent problems in CTO PCI II: difficulties in reverse CART.** Dr. Etsuo Tsuchikane
12:00-12:30	**How to solve frequent problems in CTO PCI IV: ADR specific material can not be advanced.**
12:30-13:00	**Intracoronary imaging use in CTO PCI.**
13:00-14:00	Lunch
14:00-15:00	**Management of complications: coronary perforation, septal or epicardial perforation, gear entrapment.**
15:00	**Wrap up of the course.**