



3rd CHIP-CTO INDIA 2021



5th Friday - 7th Sunday, February 2021

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THE WORLDS MOST RENOWNED CHIP FACULTY TOGETHER ON ONE PLATFORM



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Dr Binita Shah
USA



Dr Teguh Santosh
Indonesia



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International Course
Director, USA



Dr Beatriz Vaquerizo
Spain

PROGRAMME

Day 1

February 5th Friday 2021

1700-1800 IST

THE CHIP GRAND ROUNDS 20 MOST EDUCATIONAL AND COMPLEX CASES FROM NATIONAL AND INTERNATIONAL EXPERTS (IFACI MASTER OPERATOR AWARD SESSION)

Chairperson: Kirti Punamiya, Subhash Chandra

Discussants: Vimal Mehta, Roopali Khanna, Vivudh Pratap Singh, Saket Bhardwaj, Gajinder Goyal, Neeraj Jain

1700 - 1701	1 min	Welcome Address	
1701 - 1712	6 min 5 min	Trans-radial multi-vessel PCI to RCA, OM & CTO LAD in dextrocardia Discussion and audience interaction	Aaysha Cader
1713 - 1724	6 min 5 min	The nightmare of Rotational Atherectomy Discussion and audience interaction	Ajay Raj
1725 - 1736	6 min 5 min	When Rotablation failed in super calcific RCA Discussion and audience interaction	Anil Kumar
1737 - 1748	6 min 5 min	PCI of CTO LCX by Retrograde Approach Discussion and audience interaction	Anupam Jena
1749 - 1800	6 min 5 min	LM Aneurysm Coiling Discussion and audience interaction	Chirag D

1800-1900 IST

Chairperson: Vijay Trehan, S Manoj, SS Bansal

Discussants: Parneesh Arora, Sanjay Kumar, Syed Maqbool, Sarita Rao, Tarun Kumar

1800 - 1801	1 min	Introduction	
1801 - 1812	6 min 5 min	Do not Underestimate for Short tapered CTO Discussion and audience interaction	Dian Setiawan
1813 - 1824	6 min 5 min	Bailout Left Main Bifurcation Discussion and audience interaction	Ankush Gupta
1825 - 1836	6 min 5 min	Distal LMCA bifurcation (1,1,1) disease- How to approach? provisional vs upfront 2-stent strategy? Discussion and audience interaction	Kunal Mahajan
1837 - 1848	6 min 5 min	Balloon and Microcatheter uncrossable CTO - Is Rotablation a way out? Discussion and audience interaction	Tanuj Bhatia
1849 - 1900	6 min 5 min	IVL ASSISTED LM STENTING IN A CASE OF STEMI Discussion and audience interaction	Prashant Panda

1900-2000 IST

Chairperson: Nishith Chandra, PK Hazra, Tapan Ghose

Discussants: Sunitha Vishwanathan, Sridhar Kasturi, Rishi Gupta, Saurabh Mehrotra, Vikas Chopra

1900 - 1901	1 min	Introduction	
1901 - 1912	6min 5 min	A backdoor guidance to break forward Discussion and audience interaction	Prayaag Kini
1913 - 1924	6 min 5 min	Iatrogenic Coronary Artery Ostial dissection:Nightmare in Cath Lab Discussion and audience interaction	Punish Sadana
1925 - 1936	6 min 5 min	Managing Complications and Nightmare- SVG PERFORATION Discussion and audience interaction	Raghav Sharma
1937 - 1948	6 min 5 min	MULTIVASEEL WITH LEFT MAIN INTERVENTION WITH OCT Discussion and audience interaction	Ranjan Modi
1949 - 2000	6 min 5 min	Stenting of Left Main Bifurcation Lesion using Double Kissing Coulotte's Technique Discussion and audience interaction	Rohit Mody

2000-2100 IST

Chairperson: Praveer AgarwalRoopa Salwan, Arun Kalyansundaram, Viveka Kumar, Rajesh Vijayvargiya

Discussants: Vikas Kataria, Nagender Chauhan, Naveen Bhamri, Syed Maqbool, Rakesh Sapra, Rakesh Aseri

2000 - 2001	1 min	Introduction	
2001 - 2012	6 min 5 min	Double HIT Discussion and audience interaction	Sanjeev Kathuria
2013 - 2024	6 min 5 min	Large proximal LAD perforation managed by Covered stent Discussion and audience interaction	Shakil Shaikh
2025 - 2036	6 min 5 min	HOW TIMELY INTERVENTION SAVED A LIFE Discussion and audience interaction	Siddharth Bajaj
2037 - 2048	6 min 5 min	IABP support during pci "TIME OF INSERTION MATTERS THE MOST" Discussion and audience interaction	Sriram V
2049 - 2100	6 min 5 min	Trifurcation Discussion and audience interaction	Yunus Loya

06th February 2021 (Saturday)

Day 2

February 6th Saturday 2021

1500-1600 IST

TOUGHEST CALLS DURING CHIP INTERVENTION

Chairperson: Samuel Mathew, Sidney Lo

Discussants: Ashok seth, Michael Lee, Ajit Menon, Sreenivas Kumar, Sanjay Chugh, Deepak Davidson

1500 - 1508	8 min	Welcome Address	
1508 - 1521	9 min	Uncrossable Side Branch	Michael Liang
	4 min	Discussion and audience interaction	
1521 - 1534	9 min	The Hugest Thrombus Burden	Michael Lee
	4 min	Discussion and audience interaction	
1534 - 1547	9 min	Toughest Call of Rotational Atherectomy including Stuck Burr	Samuel Mathew
	4 min	Discussion and audience interaction	
1547 - 1600	9 min	Wire Crossable Device Uncrossable Lesion	Rustem Dautov
	4 min	Discussion and audience interaction	

1600-1640 IST

LIVE CHIP CASE

Chairperson: Kirti Punamiya, M S Hiremath, Jabir Abdullakutty

Discussants: Nishith Chandra, R R Mantri, Mirvat Alasnag, Mohit Gupta, Suman Bhandari

1640-1700 IST

Laser Atherectomy in Complex PCI : Practical Consideration

1640-1700	15 min	Laser Atherectomy in Complex PCI : Practical Consideration	Peter O'Kane
	5 min	Discussion and audience interaction	

1700-1715 IST

Practice Pearls from SCAI Statement on Optimal PCI in Complex CAD

1700-1715	12 min	Practice Pearls from SCAI Statement on Optimal in Complex CAD	Emmanouil Brilakis
	3 min	Discussion and audience interaction	

1715-1830 IST

CTO PCI 2021: Practical Challenges and Solutions

Chairperson: A B Mehta, Arun Kalyanasundaram, P K Goel

Discussants: Arasi Maran, NK Mahesh, Sarita Rao, Preeti Sharma, Mridul Sharma, Prashant Panda

1715 - 1716	1 min	Introduction	
1716 - 1734	12 min	Antegrade PCI in 2021	Arasi Maran
	6 min	Discussion and audience interaction	
1734 - 1752	12 min	Difficult Collateral Crossing & Microcatheter Woes: Which Collateral, Which Wires, How to? Epicardial !	Emmanouil Brilakis
	6 min	Discussion and audience interaction	
1752 - 1810	12 min	Can't Pierce Distal Cap: Reverse Cart and Problem Solving	Sidney Lo
	6 min	Discussion and audience interaction	
1810 - 1828	18 min	Case in a Box: What do I do next?	Arun Kalyanasundaram
1828 - 1830	2 min	Conclusion	

1830-1900 IST

VA ECMO FOR CATH LAB CRASHES: PRACTICAL CONSIDERATIONS, TEAM BUILDING – HOW TO DO IT?

Chairperson: Babar Basir, Praveen Chandra

Discussants: Arasi Maran, Ravinder Rao, A B Gopalamurugan, Vinod Vijan, J. Ezhilan, K Dhamodaran

1830 - 1845	12 min	Step by Step ECMO Initiation and problem solving	Vishal Rastogi
	3 min	Discussion and audience interaction	
1845 - 1900	12 min	Gearing up for ECMO Resuscitation in Cath Lab Crashes (with Case Examples)	Duane Pinto
	3 min	Discussion and audience interaction	

06th February 2021 (Saturday)

1900-1930 IST

UNDERSTANDING HAEMODYNAMICS & MECHANICAL CIRCULATORY SUPPORT

Chairperson: Duane Pinto, Sanjeeb Roy

Discussants: Ravinder Rao, Rajpal Abhaichand, Surya Prakash Rao, Nishith Chandra

1900-1930	25 min	Understanding Haemodynamics & Mechanical Circulatory Support	Daniel Burkhoff
	5 min	Discussion and audience interaction	

1930-2055 IST

SCAI @ CHIP-CTO INDIA CARDIOGENIC SHOCK: THE ULTIMATE FRONTIER OF CHIP INTERVENTION



Chairperson: Ashok Seth, Sanjog Kalra, Arasi Maran

Discussants: Binita Shah, E Babu, Vijay Bang, Rajneesh Kapoor, G Sengottuvelu, Roopa Salwan, Rony Mathew, YKD Bhatta, Kaiser Nasrullah Khan

1930 - 1932	2 min	Introduction	
1932 - 1950	12 min	Predicting Outcomes in Cardiogenic Shock: SCAI Shock Definitions – More than Just a Common Language	Babar Basir
	6 min	Discussion and audience interaction	
1950 - 2008	12 min	Team Based Models of Shock Care: Contemporary Models Driving Improved Outcomes	Ajay J. Kirtane
	6 min	Discussion and audience interaction	
2008 - 2023	10 min	Case Presentation: Acute MI Complicated by Cardiogenic Shock – A Case Where We Failed (and Learned from Our Mistakes)	Binita Shah
	5 min	Discussion and audience interaction	
2023 - 2038	10 min	Don't Forget the RV! – A Case of Right Ventricular Dysfunction Requiring Multimodal Therapies	Amir Kaki
	5 min	Discussion and audience interaction	
2038 - 2053	10 min	Case Presentation: Hemodynamics in Cardiogenic Shock – A Case Where We Had to Follow the Numbers	Jonathan Hill
	5 min	Discussion and audience interaction	
2053 - 2055	2 min	Conclusion	

2055-2155 IST

I BET YOU HAVE NEVER SEEN THIS BEFORE! – PART I (INTERNATIONAL FACULTY)

Chairperson: Binita Shah, Vijay Trehan, Atul Mathur

Discussants: Ajay Kirtane, Raj Tayal, C G Bahuleyan, Shirish M S Hiremath, Balbir Singh, Praveer Agarwal, Ajay Swamy, Kathleen Kearney

2055 - 2057	2 min	Introduction	
2057 - 2111	9 min	Case Presentation I	Ajay Kirtane
	5 min	Discussion and audience interaction	
2111 - 2125	9 min	Case Presentation II	Amir Kaki
	5 min	Discussion and audience interaction	
2125 - 2139	9 min	Case Presentation III	Raj Tayal
	5 min	Discussion and audience interaction	
2139 - 2153	9 min	Case Presentation IV	Arasi Maran
	5 min	Discussion and audience interaction	
2153 - 2155	2 min	Conclusion	

DAY 3

February 7th Sunday 2021

1600-1700 IST

APASIC @ CHIP-CTO INDIA
MANAGING CORONARY PERFORATIONS: THE PREMIER LEAGUE



Chairperson: Ashok Seth, Michael Lee, Rakesh Yadav, Samuel Mathew

Discussants: Mirvat Alasnag, V T Shah, Arun Chopra, Aftab Khan, S Selvamani, R Sivakumar, YKD Bhatta

1600 - 1602	2 min	Introduction	
1602 - 1616	9 min	My Worst Perforation Innovative Bailout	Rustem Dautov
	5 min	Discussion and audience interaction	
1616 - 1630	9 min	My Worst & Best Save	Satoru Sumitsuji
	5 min	Discussion and audience interaction	
1630 - 1644	9 min	My Worst Perforation	Sidney Lo
	5 min	Discussion and audience interaction	
1644 - 1658	9 min	Small Vessel Perforation: Innovative Closure techniques & tools	Vijay Trehan
	5 min	Discussion and audience interaction	
1658 - 1700	2 min	Conclusion	

1700-1800 IST

I BET YOU HAVE NEVER SEEN THIS BEFORE! – PART II
(IFACI MASTER OPERATOR AWARD SESSION)

Chairperson: Ajay Kirtane, Dhiman Kahali

Discussants: Michael Lee, N N Khanna, Shirish M S Hiremath, PK Sahoo

1700 - 1702	2 min	Introduction	
1702 - 1716	9 min	Case Presentation – Debulking of Tricuspid vegetation: Endovascular approach	Adil Wani
	5 min	Discussion and audience interaction	
1716 - 1730	9 min	Case Presentation – Left Main Quadrifurcation stenosis with long term follow up	Teguh Santoso
	5 min	Discussion and audience interaction	
1730 - 1744	9 min	Case Presentation – Tug of War – The Rope Broke!	Ashwin Mehta
	5 min	Discussion and audience interaction	
1744 - 1758	9 min	Case Presentation – OCT guided complete revascularisation for No Option CAD	S. Manoj
	5 min	Discussion and audience interaction	
1758 - 1800	5 min	Conclusion	

1800-1900 IST

OMG! WHAT DO I DO NEXT?
(BAILOUT ALGORITHMS BEYOND THE USUAL)

Chairperson: Ashok Seth, TS Kler

Discussants: Ashwin Mehta, Sunitha Vishwanath, Ranjan Shetty, Nishith Chandra, Shibba Chhabra

1800 - 1802	2 min	Introduction	
1802 - 1816	9 min	Case Presentation - Heavily Calcified Lesions: Balloon Uncrossable & Burr Uncrossable Lesions	Ashok Seth
	5 min	Discussion and audience interaction	
1816 - 1830	9 min	Case Presentation – Overcoming Severe Tortuosity: Challenges & Pitfalls	Ajay Kirtane
	5 min	Discussion and audience interaction	
1830 - 1844	9 min	Case Presentation III	Sanjog Kalra
	5 min	Discussion and audience interaction	
1844 - 1858	9 min	Case Presentation IV	Kirti Punamiya
	5 min	Discussion and audience interaction	
1858 - 1900	2 min	Conclusion	

07th February 2021 (Sunday)

1900-2020 IST

LARGE BORE ACCESS & CLOSURE: STEP BY STEP (BIG BOYS TOOLS!)

Chairperson: Ashok Seth, Raj Tayal, Vijay Kumar

Discussants: Kathleen Kearney, Michael Lee, Viveka Kumar, George Koshy, Nishith Chandra, Shibba Chhabra

1900 - 1901	1 min	Introduction	
1901 - 1921	14 min	Femoral Access: Fundamental to Advanced: Obese, Calcified, Tortuous IVL	Duane Pinto
	6 min	Discussion and audience interaction	
1921 - 1941	14 min	Percutaneous Axillary Access & Closure	James McCabe
	6 min	Discussion and audience interaction	
1941 - 2000	14 min	Transcaval Access for Mechanical Circulatory Support: Step by Step	Adam Greenbaum
	5 min	Discussion and audience interaction	
2000 - 2019	14 min	Advanced Closure Techniques: Complication Management, Tough Calls, Great Save	Raj Tayal
	5 min	Discussion and audience interaction	
2019 - 2020	1 min	Conclusion	

2020-2120 IST

"MY WORST NIGHTMARE"

Chairperson: Kathleen Kearney, Kirti Punamiya

Discussants: Mirvat Alasnag, Raj Tayal, Shirish M S Hiremath, Milan Chag, PK Hazra, Roopali Khanna

2020 - 2022	2 min	Introduction	
2022 - 2036	9 min	Case Presentation I	Jonathan Hill
	5 min	Discussion and audience interaction	
2036 - 2050	9 min	Case Presentation II	James McCabe
	5 min	Discussion and audience interaction	
2050 - 2104	9 min	Case Presentation III	Kathleen Kearney
	5 min	Discussion and audience interaction	
2104 - 2118	9 min	Case Presentation IV	Adam Greenbaum
	5 min	Discussion and audience interaction	
2118 - 2120	2 min	Conclusion	

07th February 2021 (Sunday)

Training Workshops

HALL A

HALL B

1000 - 1100 IST

**SINGLE ACCESS IMPELLA:
STEP BY STEP AND CASE BASED
LEARNINGS**

Supported by



Chairperson : Ashok Seth, Michael Lee & Praveen Chandra

Panelists : Kirti Punamiya, Sreenivas Kumar, PK Hazra, Ravinder Rao, Rajneesh Kapoor, Balbir Singh

Duration	Topic	Speaker
1000 - 1002 IST (02 minutes)	Introduction	
1002 - 1022 IST (15 minutes talk + 05 minutes discussion)	Impella Insertion & Single Access: Step by Step & Tough Calls	Sanjog Kalra
1022 - 1034 IST (07 minutes talk + 05 minutes discussion)	Case Based Learning 1	R Sivakumar
1034 - 1046 IST (07 minutes talk + 05 minutes discussion)	Case Based Learning 2	G Sengottuvelu
1046 - 1058 IST (07 minutes talk + 05 minutes discussion)	Case Based Learning 3	S Manoj
1058 - 1100 IST (02 minutes)	Conclusion	

**TACKLING DIFFUSE LESIONS
& BIFURCATIONS: A STEP BY
STEP GUIDE TO COMPLEX PCI**

Supported by



Chairperson : Harinder K Bali, Rajneesh Kapoor & YVC Reddy

Panelists : S. Nagendra Boopathy, Dilip Kumar, Jaishankar, Uday B Khanolkar, Keshava R & S Balaji

Duration	Topic	Speaker
1000 - 1005 IST (05 minutes)	Opening Remarks & Objective Settings	
1005 - 1020 IST (10 minutes talk + 05 minutes discussion)	Dedicated Side Branch Stents - When to Use & How to Use	Sanjeeb Roy
1020 - 1035 IST (10 minutes talk + 05 minutes discussion)	Treating Long Diffuse Lesions with BRS	S Vijayakumar
1035 - 1050 IST (10 minutes talk + 05 minutes discussion)	How to treat Long Diffuse Lesions	R Sivakumar
1050 - 1100 IST (10 minutes)	Discussion & Closing Comments	

1100 - 1200 IST

**LEARN IMAGING BIFURCATION
LESION & VESSEL CLOSURE:
STEP BY STEP**

Supported by



Chairperson : Ashok Seth, Rajesh Vijayvargiya, Subhash Chandra

Duration	Topic	Speaker
1100 - 1102 IST (02 minutes)	Introduction	
1102 - 1127 IST (15 minutes talk + 10 minutes discussion)	Imaging of Bifurcation Lesions: Practical Considerations	S Vijayakumar
1127 - 1157 IST (20 minutes talk + 10 minutes discussion)	Vessel Closure: Pre & Post Close: Step by Step	Sai Satish
1157 - 1200 IST (02 minutes)	Conclusion	

**CTO TECHNIQUES:
PRACTICAL CONSIDERATIONS
& CASE BASED LEARNINGS**

Supported by



Chairperson : Arun Kalyanasundaram, Deepak Davidson, KMK Reddy

Panelists : Dilip Kumar, Niraj Gupta, Ramesh Patel Keshava R & Nimit Shah, Ramesh Patel Smit Srivastava

Duration	Topic	Speaker
1100 - 1101 IST (01 minutes)	Opening Remarks & Objective Settings	
1101 - 1116 IST (10 minutes talk + 05 minutes discussion)	Use of QFR in Complex PCI: Demonstration	Gianluca Campo
1116 - 1131 IST (10 minutes talk + 05 minutes discussion)	How to use parallel wires in CTO?	Husam A Noor
1131 - 1146 IST (10 minutes talk + 05 minutes discussion)	How to Avoid & Manage Complications in CTO?	Krzysztof Pujdak
1146 - 1158 IST (10 minutes talk + 02 minutes discussion)	CTO Tool Kit	Arun Kalyanasundaram
1158 - 1200 IST (02 minutes)	Conclusion	

07th February 2021 (Sunday)

HALL A

HALL B

1200 - 1300 IST

ZERO CONTRAST PCI: STEP BY STEP

Supported by
Boston Scientific

PLAQUE MODIFICATION BEST PRACTICES

Chairperson : Kirti Punamiya, Vijay Trehan, Surya Prakasa Rao

Panelists : Arun Mohanty, Dilip Kumar, Ajit Mehta, Kuntal Bhattacharya, JS Makkar, Girish B. Navasundi

Duration	Topic	Speaker
1200 - 1202 IST (02 minutes)	Opening Remarks & Objective Settings	
1202 - 1230 IST (20 minutes talk + 08 minutes discussion)	Zero Contrast PCI Step by Step	Sanjog Kalra
1230 - 1258 IST (20 minutes talk + 08 minutes discussion)	Plaque Modification - How Do I Do, What Do I Do?	Rustem Dautov
1258 - 1300 IST (02 minutes)	Closing Remarks	

IVL & DEVICE SYNERGY FOR HEAVILY CALCIFIED LESIONS

Supported by
translumina
LIMITLESS POSSIBILITIES

Chairperson : Balbir Singh, VK Bahl & Atul Mathur

Panelists : Kirti Purnamiya, G Sengottuvelu, Rony Mathew, RK Jaswal, Ankush Gupta, Rajneesh Kapoor & Ravinder Rao

Duration	Topic	Speaker
1200 - 1202 IST (02 minutes)	Opening Remarks & Objective Settings	
1202 - 1217 IST (15 minutes talk)	IVL : Technique Best Practices	Jonathan Hill
1217 - 1232 IST (15 minutes talk)	When Going gets tough, IVL gets you going-Complex cases treated with IVL	Ashok Seth
1232 - 1245 IST (13 minutes talk)	Synergy of IVL with other devices for treating Undilatable lesions	DS Chadha
1245 - 1258 IST (13 minutes)	Panel Discussion	
1258 - 1300 IST (02 minutes)	Closing Remarks	

1300 - 1400 IST

DCB - BEST PRACTICES

Supported by
Concept Medical

Chairperson : Sameer Dani, G Sengottuvelu, Rajneesh Kapoor

Panelists : Sunip Banerjee, Saurabh Mehrotra, Surya Prakash Rao, BV Manjunath, SK Vijay & Bharat Shivdasani

Duration	Topic	Speaker
1300 - 1302 IST (02 minute)	Opening Remarks & Objective Settings	
1302 - 1327 IST (15 minutes talk + 10 minutes discussion)	Drug Coated Balloon: Best Practices	Antonio Colombo
1327 - 1352 IST (15 minutes talk + 10 minutes discussion)	Drug Coated Balloon in Complex Cases	Sandeep Basavarajaiah
1352 - 1355 IST (03 minutes talk)	Conclusion	

BIFURCATION & TRIFURCATION WORKSHOP: VISIBLE HEART LAB

Supported by
Medtronic

Chairperson : Goran Stankovic, Rajpal Abhaichand & Sunitha Viswanathan

Panelists : Aftab Khan, Tarun Madan, Sridhara G & Jaspal Arneja

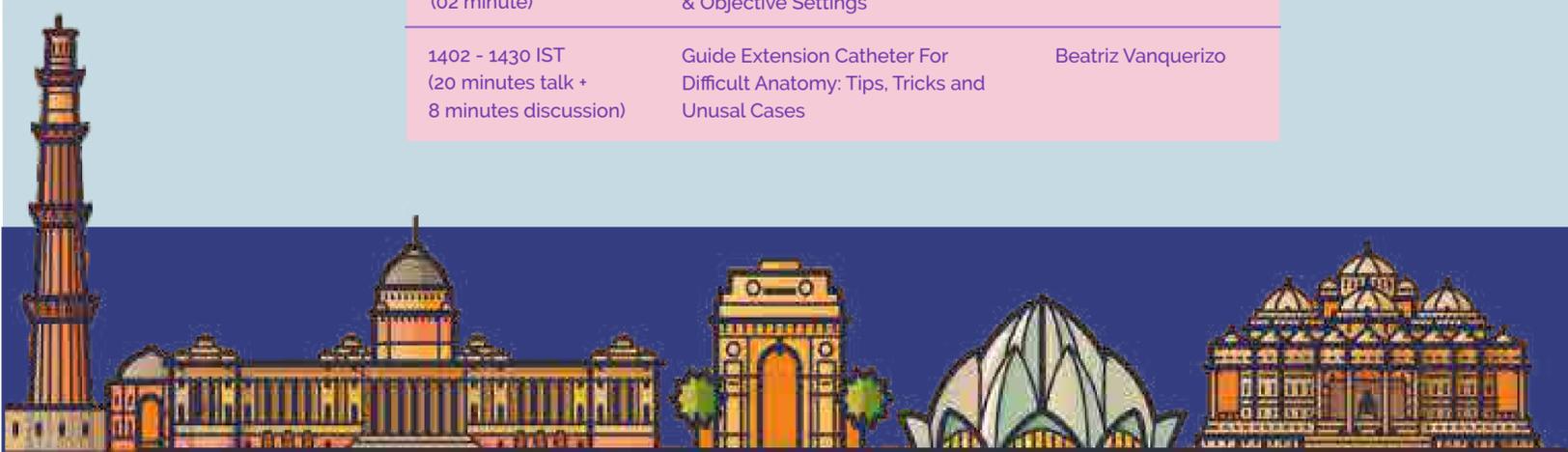
Duration	Topic	Speaker
1300 - 1302 IST (02 minutes)	Opening Remarks & Objective Settings	
1302 - 1328 IST (26 minutes talk)	Learning Bifurcation from Virtual Heart Lab	Goran Stankovic
1328 - 1341 IST (08 minutes talk + 05 minutes discussion)	DK Crush Step by Step	S Vijaya kumar
1341 - 1354 IST (08 minutes talk + 05 minutes discussion)	TAP: Step by Step	Sanjeeb Roy
1354 - 1400 IST (06 minutes)	Q & A Discussion	

1400 - 1430 IST

GUIDE EXTENSION CATHETER FOR DIFFICULT ANATOMY: TIPS, TRICKS AND UNUSUAL CASES

Chairperson : RK Jaswal, Anil Dhall, Prabhat Kumar

Duration	Topic	Speaker
1400 - 1402 IST (02 minute)	Opening Remarks & Objective Settings	
1402 - 1430 IST (20 minutes talk + 8 minutes discussion)	Guide Extension Catheter For Difficult Anatomy: Tips, Tricks and Unusal Cases	Beatriz Vanquerizo



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