# **UNIQUE CASE BASED DEBATES MODEL**

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"Cardiodiagnostics" Organized

CARDIO CON 2020 Ahmedabad Mah 2020

Cardiology Updates-2020

> 26<sup>th</sup> January, 2020 : Venue : Hotel Hyatt Regency, Ashram Road, Ahmedabad.

THEME- IMPLEMENTING GUIDELINES IN REAL WORLD PRACTICE UNIQUE FORMAT of CASE BASED DEBATES - A Socratic approach





Contact Ms Prabh Sharan M : 9818096644

## **REGISTATION DETAILS**

Address :

Name :
Email :
Mobile No. :

CARDIO CON 2020 Ahmedabad 2020

Updates-2020

26<sup>th</sup> January, 2020

: Venue :

Hotel Hyatt Regency, Ashram Road, Ahmedabad.

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**Dr. Ashvin Gadhavi** MD (Physician), Consultant Physician Association of physicians of Ahmedabad



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**Consultant Physician & Cardiologist** 

With Blessings Dr. R.K. Patel, Director, **U. N. Mehta Institute of Cardiology & Research Centre** 

A "Cardiodiagnostics" Science

Anchors – Dr. Jayesh Trivedi, Dr. Mukesh Laddha , Dr. Prashant Vazirani , Dr. Neha Sharma

#### ACUTE ST ELEVATION MI

9:00 AM TO 9:30 AM- (HALL – A & B)

#### BOUT 1.

45 year old male Acute Anterior wall MI with window period of 3 hours presented to treating physician in a peripheral centre in Killip class 2 with normal Hemodynamics with ongoing severe rest pain. The patient and relatives are willing for Primary PCI for same but the nearest Cath Lab centre is atleast 1 hour drive away (50 km) with ongoing another case in that cath lab. The best strategy apart from loading DAPT, statin and medical optimization at primary physician place would be –

# **Talk 1 BLUE CORNER** THROMBOLYSIS is best as time is muscle ! Dr.Kalpesh Hansora (10 min) VS **Talk 2 RED CORNER** Primary PCI is best strategy for complete revascularization and time delay in transport Dr.Mukesh Laddha (10 min) is not so huge here ! PANEL DISCUSSION-(10 min) **Referees (Chairpersons)** Dr. Sanjeev Bhatia, Dr. Gaurav Singh, Dr. Hussain Bhatia, Scorers (Moderators) Dr. Akhil Mukim, Dr. Bhavesh Patel, Dr. Vishal Bhandari **Dr. Gyanedra Singh ATRIAL FIBRILLATION** 9:30 AM TO 10:00 AM (HALL A & B) BOUT 2. A 42 years old male weight 65 kg with history of Paroxysmal AF without past history of any embolic phenomenon CHADS2VASc2 score of 4 and HASBLEED score of 2 underwent PTCA to LAD for 90% lesion for ACS. Optimal anticoagulation strategy would include -Talk 3. BLUE CORNER -Dr.Sharad Jain (10 min) DABIGATRAN AS NOAC IS MOST WIDELY STUDIED VS Talk 4. RED CORNER -**RIVAROXABAN AS NOAC IS MOST EVIDENCE BASED THERAPY** Dr. Jignesh Patel (10 min) PANEL DISCUSSION: 10 (MIN)

Referees (Chairpersons) Dr.Anil kulshrestha, Dr.Sibasis Sahoo, Dr.Jayal Shah Scorers (Moderators) Dr.Surendra Gupta (Palanpur), Dr.Rashesh Pothiwala, Dr.Shabbir Gadi

# ANTIPLATELETS

# 10:00 AM TO 10:30 AM (HALL A & B)

# BOUT 3

45 years old diabetic, hypertensive Patient with past history of coronary angioplasty to LAD with DES 6 months back on clopidogrel and aspirin presents with stent thrombosis with acute AWMI and undergoes POBA with DEB (DRUG ELUTING BALLOON) to LAD under OCT guidance which showed appropriately deployed adequate sized older stent. The ideal antiplatelet along with aspirin would be -

Talk 5. BLUE CORNER TICAGRELOR is all season antiplatel	et Dr. Urmil Shah (10 min)			
	VS			
Talk 6. RED CORNER PRASUGREL IS MOST POTENT Antip	atelet ! Dr. Jagdish Hiremath (Pune) (10 min)			
PANEL DISCUSSION : 10 (MIN) Referees ( Chairpersons) Scorers ( Moderators)	Dr.Shalin Thakore , Dr.Tarun Madan , Dr.Ravi Singhvi Dr.Jitendra Patel, Dr.Falguni Vora , Dr.Anand Patel			
INAUGURATION	10:30 AM TO 11:00 AM			
MULTIVESSEL CORONARY DISEASI	11:00 AM TO 11:30 AM(HALL A & B)			
BOUT4				
42 years old Male without DM or HT	N with strong family history of CAD presents with unstable OM 80% and mid to distal RCA 95% disease on Best Strategy will be			
Talk 7.BLUE CORNER - CABG is the best option	Dr.Dhaval Naik (CVTS) (10 min)			
	VS			
Talk 8. RED CORNER MULTIVESSEL ANGIOPLASTY is best	for him Dr.Kamal Sharma(10 min)			
PANEL DISCUSSION : 10 (MIN) Referees (Chairpersons) Dr.V.C.	Chauhan, Dr.Mridul Sharma, Dr.Parag Seth			
	ishek Parmar, Dr.Subhash Chaudhary, Dr.Nilay Patel			



#### VALVULAR HEART DISEASE

#### 11:30 AM TO 12:00 AM(HALL A & B)

#### BOUT 5.

65 year old male has exertional angina class III with mild COPD well controlled on oral medication and occasional inhalers has normal coronaries and is recently diagnosed with SEVERE sclerodegenerative Aortic Stenosis with gradient of 100/ 52 mmHg on echo. His STS score is 4 (intermediate). The best strategy for him would be

VS

#### Talk 09. BLUE CORNER -

Transcatheter aortic valve replacement is better strategy (TAVR)

Dr.Ashwin Mehta (MUMBAI ) (10 min)

#### Talk 10. RED CORNER-

Surgical Aortic valve replacement (SAVR) remains gold standard.

Dr.Bhupesh D Shah (CVTS) (10 min)

PANEL DISCUSSION : 10 (MIN)	Dr.Ravindra Rao, Dr.Chirag Doshi , Dr.Tushar Shal	
Referees (Chairpersons)	Dr.Manek Chopra, Dr.Abhishek Rajpopat,	
Scorers (Moderators)	Dr.Zeeshan Mansuri	
CARDIOGENIC SHOCK	12:00 NOON TO 12:30 PM (HALL A & B)	

#### BOUT 6.

Hyperacute anterior wall MI in 38 year old Male with Pulse of 120bpm with BP 90/60 on noradrenaline with SaO2 94% with bibasal crepts with 4 litres of oxygen is shifted in cath lab for PAMI. Preferred mechanical assist device in this cardiogenic shock would be

#### Talk 11. BLUE CORNER-

IABP is cost effective in selected cases and still works ! Dr.Jayesh Prajapati(10 min)
VS
Talk 12. RED CORNERImpella is the way forward ! Dr. Ravindra Rao (Jaipur) (10 min)

# PANEL DISCUSSION : 10 (MIN)

Referees (Chairpersons)	Dr.Bhavesh Roy, Dr.Mihir Tanna ,	
	Dr.Ronak Shah (Himmatnagar) ,	
Scorers (Moderators)	Dr.Saurin Shah, Dr.Vishal Sharma, Dr.Aalap Patel	

CORONARY IMAGING AND PHYSIOLOGICAL ASSESSMENT

12:30 PM TO 1:00 PM(HALL A & B)

### BOUT 7.

56 years old Male postPTCA to LAD 3 years back presented with atypical angina with Borderline changes in TMT with 9 METS of exercise on angiography shows denovo stenosis just beyond previous LAD stent (4x15 mm) of around 65% on QCA. Best strategy for decision making in him would be aided by

# Talk 13. BLUE CORNER

Talk 14. RED CORNER

Imaging (IVUS /OCT) AS SEEING IS BELIEVING ! VS Dr.Chirag Sheth (Baroda)

Physiological assessment (FFR /iFR/RFR) BECAUSE CORONARIES ARE NOT RIGID PIPES !

Dr.N.K.Mahesh (Mumbai) (10 min)

# PANEL DISCUSSION : 10 (MIN)

Referees (Chairpersons) Scorers (Moderators) Dr.Hemang Baxi , Dr.Sumeet Dheer , Dr.Mandip Tilara Dr.Jitendra Anand, Dr.Pragnesh Vora, Dr.Vijay Desai

### HEART FAILURE

BOUT 8.

# 1:00 PM TO 1:30 PM(HALL A & B)

45 year old female with weight 88kg with normal QRS duration with normal coronary angiography has NYHA Class 3 dyspnea with severe LV DYSFUNCTION with LVEF 25%. His HBA1C is 6.2 mg% .She is on beta blockers, digitalis, diuretics and ACE i. He is economically not doing well . In view of above profile if only 1 drug can be added the best strategy would be

#### Talk 15 BLUE CORNER

ARNI instead of ACE i would be a game changer Dr.Praffulla Kelkar (Mumbai) (10 min)

#### Talk 16 RED CORNER

Adding SGLT 2 i as a different class would be a game changer. Dr.Parag Shah (10 min)

# PANEL DISCUSSION : 10 (MIN)

Referees (Chairpersons)	Dr.Jayesh Rawal, Dr.Abhishek Rawal, Dr.Sachin Patil
Scorers (Moderators)	Dr.Vishal Mehta, Dr.Kamlesh Fatania, Dr.Praveen Garg

#### LUNCH BREAK

# CAD & DIABETES - SGLT2 I BOUT 9.

2:00 PM TO 2:30 PM(HALL A )

1:30 PM TO 2:00 PM

Post ACS-PCI a 90kg Male on optimal cardiac medication has DM with HBA1C 8.2 with BMI 34.5 kg/m2. His LVEF is 45%.Optimal SGLT2 Inhibitor apart from lifestyle modification and metformin will be

# Talk 17. BLUE CORNER

Talk 18. RED CORNER

DAPAGLIFLOZIN is preferred SGLT2i

EMPAGLIFLOZIN is preferred SGLT2I

Dr.Banshi Saboo (10 min)

VS

6

Dr.Sanjiv Phatak (10 min)

PANEL DISCUSSION : 10 (MIN) Referees (Chairpersons) Scorers (Moderators)

Dr.Asha Shah , Dr.Gaurav Gandhi, Dr.Moh. Maqbool Sohil Dr.Ashwin Gadhvi, Dr.Gian Badlani,Dr.Ronak Shah (MD)

#### **CAD AND DIET / EXCERSICE** BOUT12 2:00 PM TO 2:30 PM (HALL B) 3:00 PM TO 3:30PM (HALL B) 48 years old male with effort angina had undergone coronary angiography 5 days back which **BOUT 10** showed borderline lesion in ostial LAD of 65-70% by QCA and 60-70% lesion in mid LCX. 42 year old male software professional had acute inferior wall MI 1 month back for Patient is diabetic for 5 years with family history of IHD in father and elder brother. Patient is which he had good result to PCI. He has family history of young CAD in brother and father. not willing for another invasive assessment (FFR/IVUS/OCT) and wants ischemia He blames his bad diet and sedentary lifestyle as responsible factors and seeks his quantification and revascularization if needed. The best strategy for same a part from Counselling for the same. medical optimisation would be Talk 19.BLUE CORNER Talk 23, BLUE CORNER DIET and Exercise makes very important impact on his future events. Stress radionuclear imaging would be the best choice. Dr.L.P. Kashyap (10 min) Dr.Rucha Mehta (10 min) VS VS Talk 24. RED CORNER Talk 20, RED CORNER High resolution CT coronary angiography with CT FFR is the best choice. Genetics are more important. How you metabolize is more important than Dr.Komal Vadgama (10 min) what you eat ! Dr.Sameer Dani(10 min) PANEL DISCUSSION : 10 (MIN) PANEL DISCUSSION : 10 (MIN) **Referees (Chairpersons)** Dr.Amit Gupta, Dr.Umeshchandra S Gedia, **Referees (Chairpersons)** Dr.Joyal Shah, Dr. Hitesh Shah, Dr. Pooja Vyas, **Dr.Chetan Navak** Scorers (Moderators) Dr.Raj Rawal, Dt.Poonam Brahmbhatt, Scorers (Moderators) Dr.Kruti Godhani, Dr.Kaushal Jani, **Dt.Shweta Nagar** Dr. Mayank Parmar (Mehsana) INTERVENTIONAL CARDIOLOGY STENT SELECTION 3:30 PM TO 4:00 PM (HALLA) CAD & DIABETES - GLP1a /DPP4 2:30 PM TO 3:00PM (HALL A) BOUT13 **BOUT 11.** 50 year old IAS officer with Diabetes, unstable angina is to undergo PTCA to tortuous 52 year old male patient post PTCA to LAD 3 years with weight of 62kg with creatinine of "Shepard Crook" mid 90% RCA lesion. The stent parameter that helps in choosing this 1.7 mg% (eGFR = 45 ml/hr) on SGLT2 i , metformin and insulin glargine has HBA1C of stenting would be 8.2% with FBS of 223 mg% and PPBS of 298 mg%. His LVEF is 48 % with grade 1 diastolic dysfunction with NYHA class 1. The next line of anti diabetic medication apart from diet Talk 25. BLUE CORNER and lifestyle modification would be Stent design parameters (viz. Strut thickness, trackability, radial strength etc.) are more Dr. Sanjay Shah (10 min) important **TALK 21. BLUE CORNER** VS GLP1a is most proven therapy in high risk patient's in such scenario. Talk 26. RED CORNER Dr.Navneet Shah (10 min) Drug platform (dose, elution profile) and polymer (bio degradable) are more important VS determinants with availability of new delivery systems / catheters. **TALK 22. RED CORNER** Dr. Jagdish Hiremath (Pune) DDP4 i are safer, oral, inexpensive and better alternative in such patients. Dr.Ramesh Goyal (10 min) PANEL DISCUSSION : 10 (MIN) PANEL DISCUSSION : 10 (MIN) **Referees (Chairpersons)**

Scorers (Moderators)

Referees (Chairpersons) Scorers (Moderators)

# Dr.B.D Mankad, Dr.Jayesh Thakkar, Dr.Srikant Somani, Dr.Kamlesh Shah, Dr.Smitesh Dutt, Dr.Apurva Parekh

Dr.Keyur Patel, Dr.Amol Aggrawal, Dr.Benny Jose Dr.Roopesh Singhal, Dr.Parshav Vora, Dr.Dinesh Joshi

BOUT 14		LIPIDOLOGY	4:30 PM TO 5:00 PM(HALL A)
High risk CAD- Long term strategy	3:30 PM TO 4:00 PM (HALL B)	BOUT 17	
55 year old male diabetic, hypertensive, dyslipidemic, strong family history with past history of CV stroke 2 yrs back with near complete recovery and post PTCA status with 3 stents 1 year back comes for follow up. Apart from medical optimization and lifestyle modification best strategy for antiplatelets would be		35 year old Male with family history of CAD in younger brother presents with 90% lesion in LAD with NSTEMI with LDL of 224 mg%, HDL of 29 mg% and TG of 212mg%. Best strategy post revascularization to manage his lipids apart from high dose statins and lifestyle modification would be	
Talk 27. BLUE CORNER RIVAROXABAN 2.5 mg BD with aspirin	Dr.Anish Chandarana (10 min)	Talk 33. BLUE CORNER -	
VS		PCSK9INHIBITORS ARE PROVEN and better strategy	Dr.Bhupesh R Shah (10 min)
TALK 28. RED CORNER TICAGRELOR 60 mg BD with aspirin	Dr.Prashant Vazirani (10 min)	VS Talk 34. RED CORNER -	
PANEL DISCUSSION : 10 (MIN) Referees (Chairpersons) Dr.Sandarbh Patel, Dr.Gajendra Dubey, Dr.Utsav Unadkad Scorers (Moderators) Dr.B.B Solanki, Dr.Biren Nayak, Dr.Tapan Shah		EZETEMIBE is much cheaper & Effective alternative.	Dr.Hasit Joshi(10 min)
Scorers (Moderators) Dr.B.B Solanki, Dr.Biren Na	yak, Di Tapan Shan	PANEL DISCUSSION : 10 (MIN) Referees (Chairpersons) Dr.Nikhil Jadh	av, Dr.Dharmin Bhalodia, Dr.Pratik Raval
PLAQUE MODIFICATION	4:00 PM TO 4:30PM (HALL A)		, Dr.Prakash Vazirani, Dr.Vinay Bhomia
<b>BOUT 15.</b> 55 years male has unstable angina with 95 % calcified mid LAD lesion with resting ECG changes in anterior leads with LVEF of 55% with negative biomarkers and positive TMT at		HYPERTENSION BOUT 18.	4:30 PM TO 5:00 PM(HALL B)
8 METS. Best Strategy to plaque modification would be -		42 yrs old Male with heart rate of 88 bpm with Grade	e I asymptomatic MVP without Marfanoid
Talk 29. BLUE CORNER ROTABLATION OLD IS GOLD !	Dr.Prakashvir Parikh (10 min)	features with mean BP of 142/82 mm on ABPM. Drug	g of choice would be
VS Talk 30. RED CORNER		TALK 35. BLUE CORNER	
BIB ( Balloon in Balloon/ high pressure balloon ) is attractive option - ByeBye Rota ! Dr.Apurva Vasavda (Surat) (10 min)		BETA BLOCKERS are preferred in view of clinical profi	le. Dr.Nilesh Patel (10 min)
		VS	
PANEL DISCUSSION : 10 (MIN)		TALK 36. RED CORNER ACEi / ARB is first choice in young patients as per gui	delines Dr.Rutvik Trivedi (10 min)
Dr.	Praffulla Kelkar, Dr.Sunil Thanvi, Dhammdeep Humane Jit Brahmbhatt, Dr.Jayesh Meniya,		
Scorers (Moderators) Dr.Jit Brahmbhatt, Dr.Jayesh Dr.Riyaz Charaniya		PANEL DISCUSSION : 10 (MIN) Referees (Chairpersons) Dr.Vineet Sankhla, Dr.Kan	nlesh Upadhyay, Dr.Surendra Dwiredi
HEART FAILURE	4:00 PM TO 4:30PM (HALL B)		Dr.Paresh Shah, Dr.Vrooti Patel
<b>BOUT 16.</b> 35 years old lady with incomplete LBBB 110ms class II with diuretics and ARNI has high grade AV Block Best pacing str		VOTE OF THANKS	5:00 PM TO 5:15 PM
Talk 31.BLUE CORNER			
His bundle pacing is good strategy	Dr.Niraj Yadav (10 min)	<b>E</b> 7	
VS Talk 32. RED CORNER CRT is a better strategy	Dr.Shomu Bohora (10 min)		
PANEL DISCUSSION : 10 (MIN)Referees (Chairpersons)Dr.Anoop Gupta, Dr.Sameer Rane, Dr.Kartik NatrajanScorers (Moderators)Dr.Girish Bachhav, Dr.Kewal Kanabar, Dr.Shuchi Shah		The	~

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