



Department of Cardiovascular Medicine

CARDIOVASCULAR

Course Catalog 2020

[CVEDUCATION.MAYO.EDU](https://cveducation.mayo.edu)



Julie A. Mc Adams, M.B.A.
Education Operations

Panithaya Chareonthaitawee, M.D.
Education Chair

On behalf of Mayo Clinic Department of Cardiovascular Medicine, we invite you to explore this catalog of offerings. In it, you will find a listing of our live and online offerings and encourage you to find a program that may be of interest and that fits your learning style.

Our website, cveducation.mayo.edu, is a great way to look for courses and products that are open for registration. Additionally, if you find an offering you are interested in that is not yet open for registration, we've made it easy for you

to add it to your wish list and receive a notification once registration is open. We always welcome you to reach out to us at any point should you have questions or need further assistance (Phone: 800.283.6296 or Email: cvcme@mayo.edu).

We hope you will attend one of our world-class education sessions and bring your family to enjoy some of the attractive national and international locations.

We look forward to seeing you in 2020!



Leslie Cooper, Jr., M.D.
Enterprise Chair,
Department Chair, Florida



Paul Friedman, M.D.
Department Chair,
Rochester



Luis Scott, M.D.
Department Chair,
Arizona

CONFERENCES



10,000+
LEARNERS



40
LIVE COURSES



GRAND ROUNDS

medprofvideos.mayoclinic.org/cardiovascular-diseases

Cardiovascular Education offers many different learning opportunities including live courses, online products, and select streaming courses.

Visit **cveducation.mayo.edu** online to:

- Register for a course or product
- Enjoy complimentary education
- Contact our team of dedicated professionals

CALENDAR AT A GLANCE

Select courses offer a streaming option denoted by *.

DATE	CONFERENCES	LOCATION	PRIMARY CONTENT	PAGE
JAN 6 - 10	Cardiology Update at Puerto Vallarta: A Focus on Prevention	CasaMagna Marriott Puerto Vallarta, Mexico	Preventive	7
JAN 18 - 23	Mayo Clinic Hawaii Echo with Multimodality Imaging	The Ritz-Carlton, Kapalua Kapalua, Maui, HI	Echo/Imaging	7
JAN 27 - 31	Arrhythmias & the Heart: A Cardiovascular Update	Fairmont Orchid Big Island, HI	Heart Rhythm	7
FEB 5 - 8	Cardiovascular Conference at Snowbird	Cliff Lodge Snowbird, UT	General	8
FEB 13 - 15	Updates in Cardio-Oncology: Putting Principles into Practice	Westin Kierland Resort & Spa Scottsdale, AZ	General	8
FEB 24 - 28	Cardiology at Cancun: Topics in Clinical Cardiology	Marriott Cancun Resort Cancun, Mexico	General	8
MAR 1 - 5	Ski the Summit @ Copper: Echo Imaging in Colorado	Copper Mountain Conference Center Copper Mountain, CO	Echo/Imaging	9
MAR 26 - 28	Heart Failure Management for NP's, PA's and Primary Care Providers	Disney's Grand Floridian Lake Buena Vista, FL	Echo/Imaging	9
APR 2 - 5	Fundamentals and Essentials of ECG Interpretation for the Non-Cardiologist	JW Marriott New Orleans, LA	Echo/Imaging	9
APR 6 - 9	Echo Fiesta: An In-Depth Review of Adult Echo for Sonographers and Physicians	Hyatt Regency Hill Country San Antonio, TX	Echo/Imaging	10
APR 17 - 21	Echocardiography Review Course for Boards and Recertification	Hilton Rochester Rochester, MN	Echo/Imaging	10
APR 17	Contemporary Cardiovascular Care	Waterfront Restaurant La Crosse, WI	General	10
MAY 13 - 16	Basic to Advanced Echocardiography	Hilton Head Marriott Hilton Head Island, SC	Echo/Imaging	11
MAY 14 - 16	Foundations in Cardiology Practice	Omni Scottsdale Resort at Montelucia Scottsdale, AZ	General	11
JUN 4 - 7	Echo/Imaging New York: State-of-the-Art	Crowne Plaza Times Square Manhattan New York, NY	Echo/Imaging	11
JUN 18 - 20	Cardiac Rhythm Device Summit: Implantation, Management, and Follow Up	Intercontinental New York Times Square New York, NY	Heart Rhythm	12
JUN 27 - 28	Heart Failure Up North: Practical Approaches to the Management of Congestive Heart Failure	Madden's on Gull Lake Brainerd, MN	Heart Failure	12
JUL 13 - 17	Echo Alaska: Frontiers of Multimodality Imaging Including Echo, Cardiac CT and MRI	Sheraton Anchorage, AK	Echo/Imaging	12
JUL 23 - 25	Current Applications and Future of Artificial Intelligence in Cardiology*	Intercontinental San Francisco San Francisco, CA	General	13

DATE	CONFERENCES	LOCATION	PRIMARY CONTENT	PAGE
JUL 26 - 28	Success With Failure: Strategies for the Evaluation & Treatment of Heart Failure*	Fairmont Chateau Whistler Whistler, BC, Canada	Heart Failure	13
JUL 30 - AUG 2	Mayo Clinic Cardiology Update 2020: The Heart of the Matter	Enchantment Resort Sedona, AZ	General	13
AUG 22 - 26	Cardiovascular Board Review for Initial Certification and Recertification	Mayo Civic Center Rochester, MN	General	14
AUG 27	Echo Focus Session	Mayo Civic Center Rochester, MN	Echo/Imaging	14
SEP 9 - 11	Internal Medicine Review for Nurse Practitioners, Physician Assistants and Primary Care Providers*	Rochester, MN	General	14
SEP 12 - 15	Advanced Catheter Ablation: New Tips, Techniques and Technologies for Complex Arrhythmias	Fairmont Copley Plaza Boston, MA	Heart Rhythm	14
SEP 18 - 20	Interventional Cardiology Board Review	Hilton Rochester Rochester, MN	Interventional	15
SEP 24 - 26	Challenges in Clinical Cardiology: A Case-Based Update	Radisson Blu Aqua Hotel Chicago, IL	General	15
SEP 24 - 26	The Genetics of Heart & Vascular Disease	Sheraton Grand Wild Horse Pass Phoenix, AZ	Genetics	15
OCT 1 - 4	Echocardiography in Pediatric & Adult Congenital Heart Disease	Sheraton Grand Wild Horse Pass Phoenix, AZ	Echo/Imaging	16
OCT 11 - 13	Echo Revolution: Adult Echocardiography for Physicians and Sonographers*	Fairmont Copley Plaza Boston, MA	Echo/Imaging	16
OCT 16 - 17	Atrial Fibrillation and Stroke*	Grand Hyatt, Seattle, WA	Heart Rhythm	16
OCT 21 - 24	Cases in Echocardiography, Cardiac CT and MRI	The Meritage Napa, CA	Echo/Imaging	17
OCT 30 - NOV 1	Coronary Artery Disease: Case-Based Learning	The Ritz-Carlton, Laguna Niguel Dana Point, CA	Ischemic	17
OCT, TBD	Multimodality Cardiac Imaging in Margaritaville	Casa Marina, A Waldorf Astoria Resort Key West, FL	Echo/Imaging	17
NOV 4 - 7	Cardiovascular Review in Bahrain: A Case-Based Approach	Gulf Convention Center Manama, Bahrain	General	18
NOV, TBD	Echocardiography in Patient Care & Clinical Trials	Scottsdale, AZ	Echo/Imaging	18
DEC 3 - 6	ECG and Heart Rhythm: A Case-Based Approach	Westin Kierland Resort and Spa Scottsdale, AZ	Heart Rhythm	18
DEC 10 - 12	The Heart Beat of Cardiology	The Ritz-Carlton, Chicago Chicago, IL	Echo/Imaging	19
DEC 17 - 20	Echo on Marco Island: Case-Based Approach	Marco Island Marriott Marco Island, FL	Echo/Imaging	19
DATES TBD	Complex Ablation and Device Tracing Summit	Location TBD, New York, NY	Heart Rhythm	19

BOARD REVIEW LIVE AND ONLINE

APRIL 17–21

ECHOCARDIOGRAPHY REVIEW COURSE FOR BOARDS AND RECERTIFICATION

OFFERS CME AND MOC

Hilton Rochester, Rochester, MN

Garvan C. Kane, M.D., Ph.D. / Jae K. Oh, M.D.

ONLINE OFFERING

- Featuring Online Portal + Online Syllabus and Video Access

AUGUST 22–26

CARDIOVASCULAR BOARD REVIEW FOR INITIAL CERTIFICATION AND RECERTIFICATION

OPTIONAL ECHO FOCUS SESSION: AUGUST 27

OFFERS CME AND MOC

Mayo Civic Center, Rochester, MN

Rick A. Nishimura, M.D. / Steve R. Ommen, M.D. / Kyle W. Klarich, M.D. / Vuyisile T. Nkomo, M.D., M.P.H.

ONLINE OFFERING

- Featuring Online Portal + Online Syllabus and Video Access

SEPTEMBER 18–20

INTERVENTIONAL CARDIOLOGY BOARD REVIEW

OFFERS CME AND MOC

Hilton Hilton, Rochester, MN

Gregory W. Barsness, M.D. / Eric H. Yang, M.D. / Abhiram Prasad, M.D.

ONLINE OFFERING

- Featuring Online Portal + Online Syllabus and Video Access

ELECTROPHYSIOLOGY BOARD REVIEW

Christopher J. McLeod, M.B., Ch.B., Ph.D. / Thomas M. Munger, M.D.

ONLINE OFFERING

- Featuring Online Portal + Online Syllabus and Video Access



JANUARY 6–10

CARDIOLOGY UPDATE AT PUERTO VALLARTA: A FOCUS ON PREVENTION

CasaMagna Marriott, Puerto Vallarta, Mexico

Francisco Lopez-Jimenez, M.D.

Thomas G. Allison, Ph.D.

Stephen L. Kopecky, M.D.

Jane A. Linderbaum, APRN, C.N.P.

JANUARY 18–23

MAYO CLINIC HAWAII ECHO WITH MULTIMODALITY IMAGING

The Ritz-Carlton, Kapalua, Maui, HI

J. Wells Askew, M.D.

Charles J. Bruce, M.D.

Heidi M. Connolly, M.D.

Fletcher A. Miller, Jr., M.D.



JANUARY 27–31

ARRHYTHMIAS & THE HEART: A CARDIOVASCULAR UPDATE

Fairmont Orchid, Big Island, HI

Douglas L. Packer, M.D.

Paul A. Friedman, M.D.

Win-Kuang Shen, M.D.

FEBRUARY 5–8

CARDIOVASCULAR CONFERENCE AT SNOWBIRD

Cliff Lodge, Snowbird, UT

Douglas L. Packer, M.D.

George J. Klein, M.D.

Christopher M. O'Connor, M.D.



FEBRUARY 13–15

UPDATES IN CARDIO-ONCOLOGY: PUTTING PRINCIPLES INTO PRACTICE

The Westin Kierland Resort & Spa, Scottsdale, AZ

Reza Arsanjani, M.D.

Carolyn M. Larsen, M.D.

Donald W. Northfelt, M.D.

FEBRUARY 24–28

CARDIOLOGY AT CANCUN: TOPICS IN CLINICAL CARDIOLOGY

Marriott Cancun Resort, Cancun, Mexico

Guy S. Reeder, M.D.

Steve R. Ommen, M.D.

Malcolm R. Bell, M.D.

Grace Lin, M.D.

Francisco Lopez-Jimenez, M.D.

Fred Kusumoto, M.D.





MARCH 1–5

SKI THE SUMMIT @ COPPER: ECHO IMAGING IN COLORADO

Copper Mountain Conference Center
Copper Mountain, CO

Kyle W. Klarich, M.D.

Thomas Ryan, M.D.

Martha Grogan, M.D.

MARCH 26–28

HEART FAILURE MANAGEMENT FOR NP'S, PA'S AND PRIMARY CARE PROVIDERS

Disney's Grand Floridian, Lake Buena Vista, FL

Barry L. Karon, M.D.

Jean A. Wagner, MSN, A.P.R.N., C.N.P.



APRIL 2–5

FUNDAMENTALS AND ESSENTIALS OF ECG INTERPRETATION FOR THE NON-CARDIOLOGIST

JW Marriott, New Orleans, LA

Komandoor Srivathsan, M.D.

Fred Kusumoto, M.D.

Thomas M. Munger, M.D.

APRIL 6–9

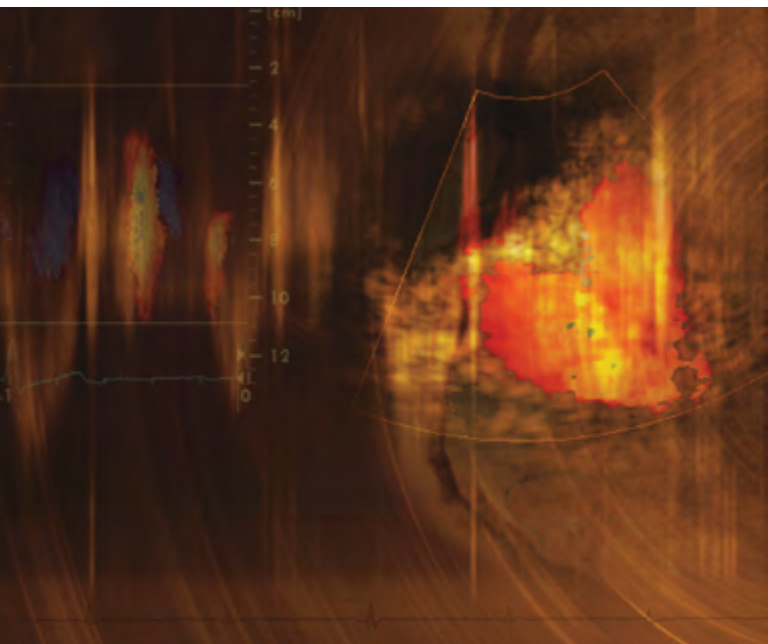
ECHO FIESTA: AN IN-DEPTH REVIEW OF ADULT ECHO FOR SONOGRAPHERS AND PHYSICIANS

Hyatt Regency Hill Country, San Antonio, TX

Kyle W. Klarich, M.D.

Steven J. Lester, M.D.

Martha Grogan, M.D.



APRIL 17–21

ECHOCARDIOGRAPHY REVIEW COURSE FOR BOARDS AND RECERTIFICATION

Hilton Rochester, Rochester, MN

Garvan C. Kane, M.D., Ph.D.

Jae K. Oh, M.D.

APRIL 17

CONTEMPORARY CARDIOVASCULAR CARE

Waterfront Restaurant, La Crosse, WI

Tahir Tak, M.D., Ph.D.





MAY 13–16

BASIC TO ADVANCED ECHOCARDIOGRAPHY

Hilton Head Marriott, Hilton Head Island, SC

Sunil V. Mankad, M.D.

Crystal R. Bonnichsen, M.D.

Naser M. Ammash, M.D.

Fletcher A. Miller, Jr., M.D.

Pamela R. Burgess, RDCS, RDMS, RVT

MAY 14–16

FOUNDATIONS IN CARDIOLOGY PRACTICE

Omni Scottsdale Resort at Montelucia, Scottsdale, AZ

Michelle L. Alland, APRN, MSN, F.N.P.-C.

Melanie L. Blair, APRN

Gayle L. Flo, APRN, C.N.P.

Dan Sorajja, M.D.



JUNE 4–7

ECHO/IMAGING NEW YORK: STATE-OF-THE-ART

Crowne Plaza Times Square Manhattan, New York, NY

Jae K. Oh, M.D.

Rebecca Hahn, M.D.

JUNE 18–20

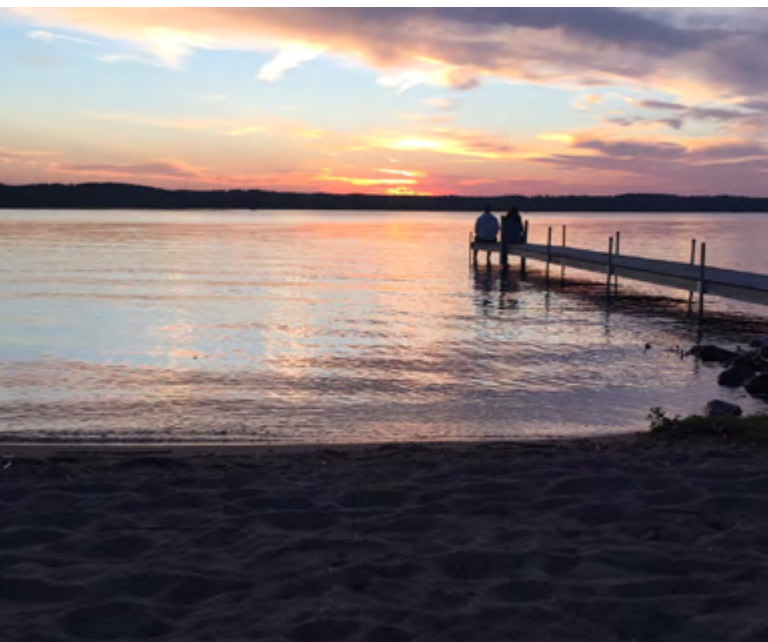
CARDIAC RHYTHM DEVICE SUMMIT: IMPLANTATION, MANAGEMENT, AND FOLLOW UP

Intercontinental New York Times Square,
New York, NY

Yong-Mei Cha, M.D.

Paul A. Friedman, M.D.

Fred Kusumoto, M.D.



JUNE 27–28

HEART FAILURE UP NORTH: PRACTICAL APPROACHES TO THE MANAGEMENT OF CONGESTIVE HEART FAILURE

Madden's on Gull Lake, Brainerd, MN

Brooks S. Edwards, M.D.

Daniel D. Borgeson, M.D.

Shannon M. Dunlay, M.D., M.S.

JULY 13–17

ECHO ALASKA: FRONTIERS OF MULTIMODALITY IMAGING INCLUDING ECHO, CARDIAC CT AND MRI

Sheraton, Anchorage, AK

Crystal R. Bonnichsen, M.D.

Garvan C. Kane, M.D., Ph.D.

Frank Cetta, Jr., M.D.

Grace Lin, M.D.

Eric E. Williamson, M.D.





JULY 23–25

CURRENT APPLICATIONS AND FUTURE OF ARTIFICIAL INTELLIGENCE IN CARDIOLOGY

Intercontinental San Francisco, San Francisco, CA

Francisco Lopez-Jimenez, M.D.

Itzhak Zachi Attia, Ph.D., M.S.

Patricia A. Pellikka, M.D.

Suraj Kapa, M.D.

Peter A. Noseworthy, M.D.

JULY 26–28

SUCCESS WITH FAILURE: STRATEGIES FOR THE EVALUATION & TREATMENT OF HEART FAILURE

Fairmont Chateau Whistler, Whistler, BC, Canada

Barry A. Borlaug, M.D.

Brooks S. Edwards, M.D.

Barry L. Karon, M.D.



JULY 30–AUGUST 2

MAYO CLINIC CARDIOLOGY UPDATE 2020: THE HEART OF THE MATTER

Enchantment Resort, Sedona, AZ

Luis R. Scott, M.D.

Carolyn Larsen, M.D.

Eric H. Yang, M.D.

AUGUST 22–26

CARDIOVASCULAR BOARD REVIEW FOR INITIAL CERTIFICATION AND RECERTIFICATION

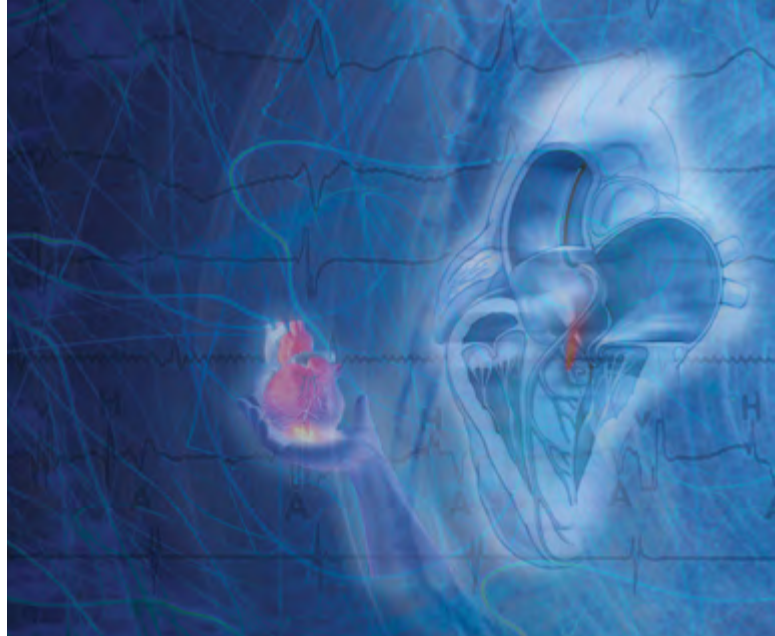
Mayo Civic Center, Rochester, MN

Steve R. Ommen, M.D., Rick A. Nishimura, M.D.

AUGUST 27

ECHO FOCUS SESSION

Kyle W. Klarich, M.D., Vuyisile T. Nkomo, M.D., M.P.H.



SEPTEMBER 9–11

INTERNAL MEDICINE REVIEW FOR NURSE PRACTITIONERS, PHYSICIAN ASSISTANTS AND PRIMARY CARE PROVIDERS

Rochester, MN

David A. Foley, M.D.

Danika M. Nelson, APRN, C.N.P.

Jennifer A. Bold, APRN, C.N.P.

Jason S. O'Grady, M.D.

SEPTEMBER 12–15

ADVANCED CATHETER ABLATION: NEW TIPS, TECHNIQUES AND TECHNOLOGIES FOR COMPLEX ARRHYTHMIAS

Fairmont Copley Plaza, Boston, MA

Douglas L. Packer, M.D.

David J. Wilber, M.D.

William G. Stevenson, M.D.





SEPTEMBER 18–20

INTERVENTIONAL CARDIOLOGY BOARD REVIEW

Hilton Rochester, Rochester, MN

Gregory W. Barsness, M.D.

Abhiram Prasad, M.D.

Eric H. Yang, M.D.

SEPTEMBER 24–26

CHALLENGES IN CLINICAL CARDIOLOGY: A CASE-BASED UPDATE

Radisson Blu Aqua Hotel, Chicago, IL

Charles J. Bruce, M.D.

Heidi M. Connolly, M.D.



SEPTEMBER 24–26

THE GENETICS OF HEART & VASCULAR DISEASE

Sheraton Grand Wild Horse Pass, Phoenix, AZ

Michael J. Ackerman, M.D., Ph.D.

Naveen L. Pereira, M.D.

Iftikhar J. Kullo, M.D.

OCTOBER 1–4

ECHOCARDIOGRAPHY IN PEDIATRIC & ADULT CONGENITAL HEART DISEASE

Sheraton Grand Wild Horse Pass, Phoenix, AZ

Patrick W. O'Leary, M.D.

Frank Cetta, Jr., M.D.

Crystal R. Bonnichsen, M.D.

M. Yasir Qureshi, M.B.B.S.



OCTOBER 11–13

ECHO REVOLUTION: ADULT ECHOCARDIOGRAPHY FOR PHYSICIANS AND SONOGRAPHERS

Fairmont Copley Plaza, Boston, MA

Patricia A. Pellikka, M.D.

Sunil V. Mankad, M.D.

OCTOBER 16–17

ATRIAL FIBRILLATION AND STROKE

Grand Hyatt, Seattle, WA

Thomas Munger, M.D.

Peter Noseworthy, M.D.

Douglas Packer, M.D.





OCTOBER 21 – 24

CASES IN ECHOCARDIOGRAPHY, CARDIAC CT AND MRI

The Meritage, Napa, CA

Heidi M. Connolly, M.D.

Rick A. Nishimura, M.D.

Fletcher A. Miller, Jr., M.D.

OCTOBER 30 – NOVEMBER 1

CORONARY ARTERY DISEASE: CASE-BASED LEARNING

The Ritz-Carlton, Laguna Niguel, Dana Point, CA

Malcolm R. Bell, M.D.

Rajiv Gulati, M.D., Ph.D.



OCTOBER DATES TBD

MULTIMODALITY CARDIAC IMAGING IN MARGARITAVILLE

Casa Marina, A Waldorf Astoria Resort, Key West, FL

Carolyn Landolfo, M.D.

Patricia J. Mergo, M.D.

Brian P. Shapiro, M.D.

NOVEMBER 4–7

CARDIOVASCULAR REVIEW IN BAHRAIN: A CASE-BASED APPROACH

Gulf Convention Center, Manama, Bahrain

Naser M. Ammash, M.D.

Joseph F. Maalouf, M.D.

Haitham Amin, M.D.



NOVEMBER TBD

ECHOCARDIOGRAPHY BEST PRACTICE IN PATIENT CARE AND CLINICAL TRIALS

Scottsdale, AZ

Hari P. Chaliki, M.D.

Jae K. Oh, M.D.

Vuyisile T. Nkomo, M.D., M.P.H.

Tasneem Z. Naqvi, M.D.

DECEMBER 3–6

ECG AND HEART RHYTHM: A CASE-BASED APPROACH

Westin Kierland Resort and Spa, Scottsdale, AZ

Paul A. Friedman, M.D.

Komandoor Srivathsan, M.D.

Dan Sorajja, M.D.





DECEMBER 10–12

THE HEART BEAT OF CARDIOLOGY

The Ritz-Carlton, Chicago, IL

Steve R. Ommen, M.D.

Roberto M. Lang, M.D.

DECEMBER 17–20

ECHO ON MARCO ISLAND: CASE-BASED APPROACH

Marco Island Marriott, Marco Island, FL

Naser M. Ammash, M.D.

Rekha Mankad, M.D.



DATES TBD

COMPLEX ABLATION AND DEVICE TRACING SUMMIT

Location TBD, New York, NY

Komandoor Srivathsan, M.D.

Win-Kuang Shen, M.D.



**VISIT
CVEDUCATION.MAYO.EDU**

CONTACT US

E-MAIL cvcme@mayo.edu (Live Course Inquiries)
cvsselfstudy@mayo.edu (Product Inquiries)

PHONE 800-283-6296