



Please share this **FREE** program with your new fellows and interested residents:

CVI's 2nd Annual Cardiology

BOOT CAMP 2023

Highlighting the basics of:

- General Clinical Cardiology
 - Echocardiography
- ECG Interpretation/Arrhythmia Management
- Coronary Disease /Interventional Cardiology
- Avoiding Burnout During Training and in Clinical Practice

Part 1

- Available 6/5/23
- Comprehensive recorded library of focused didactic presentations
- Expert faculty

Part 2 **VIRTUAL PROGRAM**

- **Sunday, 7/23/23, 7:30 am EST**
- Live, virtual case-based program
- Interactive audience response and ask-the-expert sessions
- Recorded for on-demand viewing too!

Part 3

- **Date/Location Coming Soon!**
- Live, in-person program
- Top Trials and Advances in CV Medicine of 2022
- Greater Philadelphia Region 1st Year Cardiology Fellows Meet & Greet

All 1st year
Cardiology Fellows
& Internal Medicine
Residents with an
interest in CV
Medicine welcome!



To find out more and to register please visit cvphiladelphia.org

“What every new Cardiology Fellow needs to know during the first months of training.”



CVI's 2nd Annual Cardiology **BOOT CAMP 2023**

CVI's Cardiology Boot Camp is a FREE educational resource provided by the Cardiovascular Institute of Philadelphia (CVI) for new, 1st year Cardiology Fellows focusing on ***what every new Cardiology Fellow needs to know during the first months of training.***

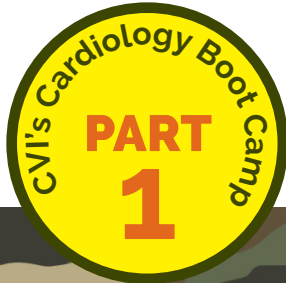
CVI's Cardiology Boot Camp is designed to complement the onsite training offered by your program, and to help ease the transition from Residency into Cardiology Fellowship. Multiple opportunities to learn from, question and interact with an impressive faculty of national thought leaders and regional experts will be offered.

Our goal is to minimize the role of the “July effect” for patients, and to **support the next generation of cardiologists** as you take the next steps of your career journey.

CVI's Cardiology Boot Camp also offers Internal Medicine Residents with an interest in CV medicine, a wonderful opportunity to learn more, and hear from leading experts in the field.

To find out more and to register please visit cviphiladelphia.org

There are 3 parts to our educational program,
and we invite you to participate in 1, 2 or all 3!



Recorded Educational Resource Library
Expected launch date – Sunday, 6/5/23

Watch a series of focused-topic presentations, presented by CVI's expert faculty, online and on-demand at your convenience. Each presentation runs 15-20 minutes and addresses important topics that every new Cardiology Fellow needs to know during the 1st months of training.

Upon registration, you will receive links to watch segments at your convenience. Recordings remain available for viewing through December 31, 2023.

Recordings will be posted and available from 6/5/23, with additional topics being added in the following weeks.

Recorded Educational Resource Library Index

General Clinical Cardiology

Veronica Covalesky, MD (CCP at Jefferson)

Sabrina Islam, MD (Temple)

Chairpersons

- **Chest pain: Evaluation and management of chest pain in the ED. Overview of the updated Chest Pain Guidelines.** *Sabrina Islam, MD*
- **Management of hemodynamic instability: An approach to hypotension and hypertension.** *Benjamin Khazan, MD*
- **Evaluation of acute shortness of breath in the Emergency Room.** *Ileana Piña, MD*
- **Type 1 vs Type 2 MI.** *Mary Shields, MD*
- **Peripartum Cardiovascular Emergencies.** *Monika Sanghavi, MD*
- **Cardio-oncology.** *Michael Fradley, MD*

Learning Objectives

- Evaluate chest pain in the Emergency Room setting: Role of history, EKG, biomarkers and CT angiography, including ER treatment of STEMI
- Demonstrate how to effectively treat acute heart failure
- Manage hemodynamic instability in the Emergency Room
- Triage patients to medical management vs cardiac catheterization
- Explain non-atherosclerotic MI (SCAD)
- Describe the cardiovascular implications of patients suffering from and being treated for cancer

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Echocardiography

Martin Keane, MD (Temple)

Frank Silvestry, MD (Penn)

Chairpersons

- **Echo in HF (systole and diastole).** *Nana Afari-Armah, MD*
- **Echo Basics (POC, TTE, minimal TEE).** *Vivek Kulkarni, MD*
- **Echo emergencies - What will I see on my 1st call?**
Frank Silvestry, MD
- **Primer on Advanced Imaging.** *Pravin Patil, MD*

Learning Objectives

- Recognize the echo findings in cardiovascular emergencies:
Tamponade, acute valvular disease, aortic dissection
- Describe echo findings in heart failure: Cardiomyopathies
- Utilize POC Echo, TTE and TEE
- Outline the diagnostic utility of TEE, Cardiac CT and Cardiac MRI

ECG Interpretation/Arrhythmia Management

Edmond Cronin, MD (Temple)

Robert Schaller, DO (Penn)

Chairpersons

- **Basic EKG Review - ischemia and infarction, electrolyte abnormalities, ventricular hypertrophy, drug effects, heart block, normal variants including ethnic/racial differences.** *Anuj Basil, MD*
- **Atrial Arrhythmias - SVT, PAT, atrial flutter and atrial fibrillation - recognition and acute management.** *Tina Baykaner, MD*
- **Ventricular arrhythmias.** *Edmond Cronin, MD*
- **Device Management: Telemetry strips, identification on x-ray, normal and abnormal function, newer technologies.**
Robert Schaller, DO
- **Cardiac Device Infections.** *Joshua Cooper, MD*

Learning Objectives

- Differentiate SVT from VT on a 12-Lead ECG
- Diagnose and manage supraventricular and ventricular arrhythmias
- Identify normal and abnormal CIED behavior on cardiac monitoring system
- Appreciate which patients with heart block may benefit from insertion of a temporary pacing lead
- Assess and manage device infections

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Interventional Cardiology/Coronary Disease

Paul Fiorilli, MD (Penn)

David Goldberg, MD (Penn)

Chairpersons

- **Preparing patients for the cath lab and obtaining vascular access.** *Maria Baldasare, MD*
- **Recognition and Management of Cardiogenic Shock.** *Paul Fiorilli, MD*
- **Basics of Hemodynamics.** *David Goldberg, MD*
- **PCI in the setting of ACS: Management strategies from initial presentation through post intervention.** *Ellen Keeley, MD*
- **Basics of Coronary Angiography.** *Simon Topalian, MD*
- **Diagnosis and Therapy of Acute Pulmonary Embolism.** *Jay Giri, MD*
- **Hemodynamics of Valvular Heart Disease.** *Blasé Carabello, MD*

Learning Objectives

- Prepare patients for the cath lab
- Perform diagnostic angiograms
- Develop management strategies for PCI in the setting of Acute Coronary Syndrome prior, during and post PCI
- Explain basic hemodynamics education
- Recognize and treat cardiogenic shock
- Identify the best practices for vascular access for right and left heart catheterization procedures
- Distinguish between different coronary angiographic projections and delineate coronary artery pathology
- Recognize cardiogenic shock and explain management and escalation criteria to mechanical circulatory support
- Explain the physiology of valvular heart disease and optimal timing of intervention
- Assess and treat patients with acute pulmonary embolism

Avoiding Burnout During Training and in Clinical Practice

Samuel Sears, PhD

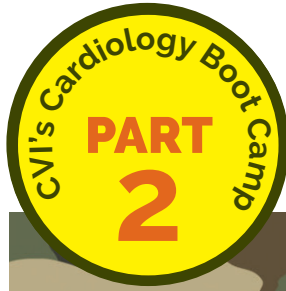
Cardiac Psychologist

- **CARDIOLOGY FELLOW: TOP GUN. How to Bring your Best and Prevent Your Worst**

A discussion of common challenges in the first year of fellowship; and how to introduce your own strategies for keeping your mental functioning at its best!

Learning Objectives

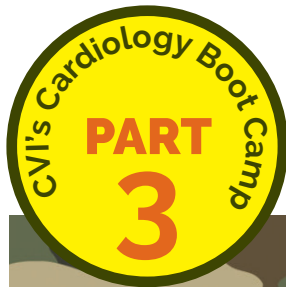
- Identify common challenges for 1st year cardiology fellows
- Examine how demands challenge psychological well being
- Activate three wellness behaviors to optimize well-being and high performance



**Live, virtual interactive
case-based session
Sunday, 7/23/23, 7:30am – 11:15am EST**

Join CVI's 2nd Annual Boot Camp Planning Committee and expert faculty for a live-virtual interactive case-based program featuring sessions focusing on our 4 focus topics: **General Clinical Cardiology, Echocardiography, ECG Interpretation/Arrhythmia Management & Interventional Cardiology/Coronary Disease**. Each session incorporates case-based learning, audience response polling and many opportunities for you to pose questions to our expert program faculty.

Before sessions begin, visit with our CVI 2nd Annual Cardiology Boot Camp Industry Partners & Exhibitors who have helped make our program possible. By visiting with them, you will be automatically entered into a FREE prize drawing, announced at the end of our program.



**Live, in-person presentation and
Greater Philadelphia Region 1st Year
Cardiology Fellows Meet & Greet
Date and Location Coming Soon!**

Join us this fall for the final session of CVI's 2nd Annual Cardiology Boot Camp and Greater Philadelphia Region 1st Year Cardiology Fellows Meet & Greet.

Program Agenda

- Top Trials and CV Advances of 2022

Greater Philadelphia Region 1st Year Cardiology Fellows Meet & Greet

- Network with colleague fellows from throughout the Greater Philadelphia region
- Meet some of CVI's Cardiology Boot Camp Planning Committee and Expert Faculty
- Join practicing cardiologists and Fellowship Program Directors representing many health systems throughout the region
- Get to know some of our dedicated industry partners who have helped make CVI's 2nd Annual Cardiology Boot Camp possible!

CVI's 2nd Annual Cardiology Boot Camp has been organized and is presented by a dedicated team of experienced clinicians in the practice of cardiovascular medicine. Many of our Planning Committee and faculty members actively participate in Cardiology Fellowship Programs in the Greater Philadelphia Region.

We thank them for sharing their time, knowledge and experience with the next generation of cardiologists.

Planning Committee

Sheldon Goldberg, MD
University of Pennsylvania

David Goldberg, MD
University of Pennsylvania

Pravin Patil, MD
Temple University

Sabrina Islam, MD
Temple University

Veronica Covalesky, MD
CCP at Jefferson

Martin Keane, MD
Temple University

Edmond Cronin, MD
Temple University

Robert Schaller, DO
University of Pennsylvania

Paul Fiorilli, MD
University of Pennsylvania

Frank Silvestry, MD
University of Pennsylvania

Additional Program Faculty

Nana Afari-Armah, MD
MedStar Washington
Hospital Center

Ellen Keeley, MD
University of Florida,
Gainesville

Maria Baldasare, MD
Orlando Health

Benjamin Khazan, MD
University of Pennsylvania

Anuj Basil, MD
Temple University

Vivek Kulkarni, MD
Cooper University

Tina Baykaner, MD
Stanford University

Ileana Piña, MD
Thomas Jefferson University

Blase Carabello, MD
Roper St Francis Healthcare

Monika Sanghavi, MD
University of Pennsylvania

Joshua Cooper, MD
Temple University

Samuel Sears, PhD
East Carolina University

Michael Fradley, MD
University of Pennsylvania

Mary Shields, MD
University of Pennsylvania

Jay Giri, MD
University of Pennsylvania

Simon Topalian, MD
Cooper University

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