



Cardiovascular Credentialing International



Cardiac and Vascular Sonography Educators' Luncheon

September 25, 2014



Agenda

Welcome & Introductions



Aaron White
Executive Director

Credential Update



Ken Horton
President-Elect

Ethics and Appeals



Gail Size
Secretary



A special thanks to
Christine Johnson
Director of Communications
SDMS Educators' Luncheon Coordinator



Cardiovascular Credentialing International

Vision Statement

*To be the recognized credentialing organization for
Cardiovascular Technology and emerging medical professionals*

Mission Statement

*To be an innovative, cost effective organization, driven by
professional ethics and integrity, through the representation of
the profession(s) in providing recognized, high-quality,
competency-based examinations*



Leadership

Board of Trustees

President

James Shafer
RCS, RVS, RVT

President-Elect

Ken Horton
RCS, RCIS, RDCS, FASE

Treasurer

Marsha Roberts
RCS, RDCS, FASE

Secretary

Gail Size
RPhS, RVS, RVT, FSVU

Immediate Past-President

Douglas Passey
RCES, RCIS, FSICP

Executive Director

Ex-Officio, Non-voting
Aaron White

Certificate Level Exams Chair

Tom O'Brien
AS, CST, CCT, CRAT

Congenital Exam Chair

Elaine Patton-Shea
RCCS, RCS, RCIS, FASE

Echo Exam Chair

Brad Roberts
RCS, FASE

Electrophysiology Exam Chair

Douglas Passey
RCES, RCIS, FSICP

Phlebology Exam Chair

Jeannie White Melendez
RPhS, RVT, FSVU

Invasive Exam Chair

Erik Hushelpeck
RCES, RCIS, FSICP

Vascular Exam Chair

Lisa Cannon
RVS, RVT

Public Member

Rick Hoffman
CPA/ABV



Leadership

Board of Advisors (Representatives)

American College of Cardiology

James V. Messer MD
MACC, FACP, FAHA, FCCP, FSCAI

American Society of Echo

Allan Klein MD
FRCP(C), FACC, FAHA, FASE

American Society of Echo

Richie Palma
RCS, RDCS, FASE

American College of Phlebology

Nick Morrison MD
FACS, FACPh, RPhS

American College of Phlebology

Joseph Zygmunt
RPhS, RVT

Heart Rhythm Society

Shoei K. "Steve" Huang MD
FACC, FAHA, FHRS, CCDS

Heart Rhythm Society

Barbara Thomas RN
FHRS

**Society of Diagnostic Medical
Sonography**

David Adams
RCS, RDCS, FASE

**Society of Invasive
Cardiovascular Professionals**

Tracy Simpson ARNP
MS, RCIS, FSICP

Society for Vascular Ultrasound

Anne Jones
RDMS, RVT, FSVU

**Society for Cardiovascular
Angiography and Intervention**

Joseph Babb MD
FAHA, FACC, FSCAI

**Honorary Board Member -
Historian**

Dennis Carney
RCIS, RCS, FASE



CCI Headquarters

Staff

Executive Director
Aaron White

**Associate Executive Director
Examination Coordinator**
Jerel Noel

Executive Assistant
Valerie Hunter

Director of Communications
Christine Johnson

Director of Operations
Stephanie Brown

Director of Finance
Ellen Gioelli

Assistant Director of Operations
Katesha Phillips

Operations Assistant
Pamela Cunningham

Applicant Services Specialist
Virginia Satterwhite

Applicant Services Specialist
Krista Russell

Registrant Services Specialist
Pamela Anderson

Registrant Services Specialist
Edward Ingram



Cardiovascular Credentialing International

Credential Update



Ken Horton RCS, RCIS, RDCS, FASE

Executive Examination Chair

CCI President-Elect



Credential Update



CCT



CRAT



RCCS



RCES



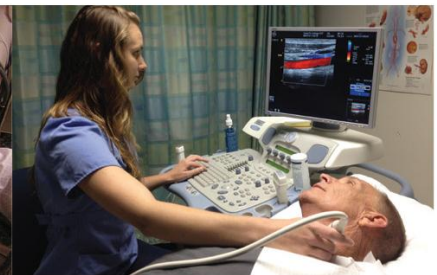
RCIS



RCS



RPhS



RVS



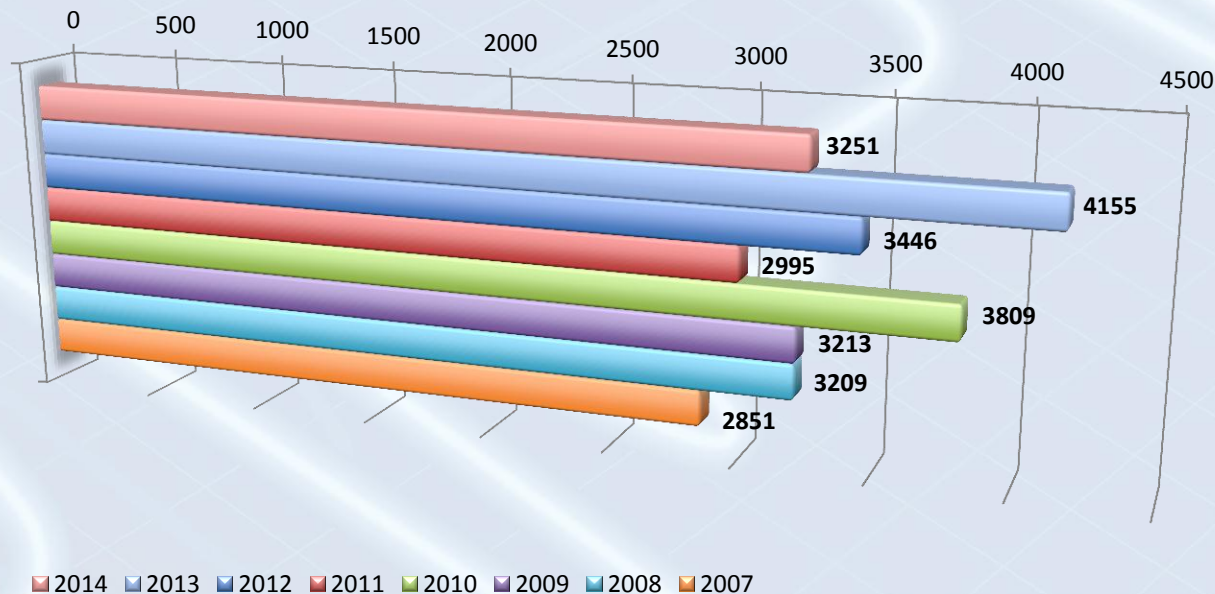
ANSI Accredited Program
PERSONNEL CERTIFICATION



Credential Update

Examination Statistics

Total Exams Sold (by YTD)



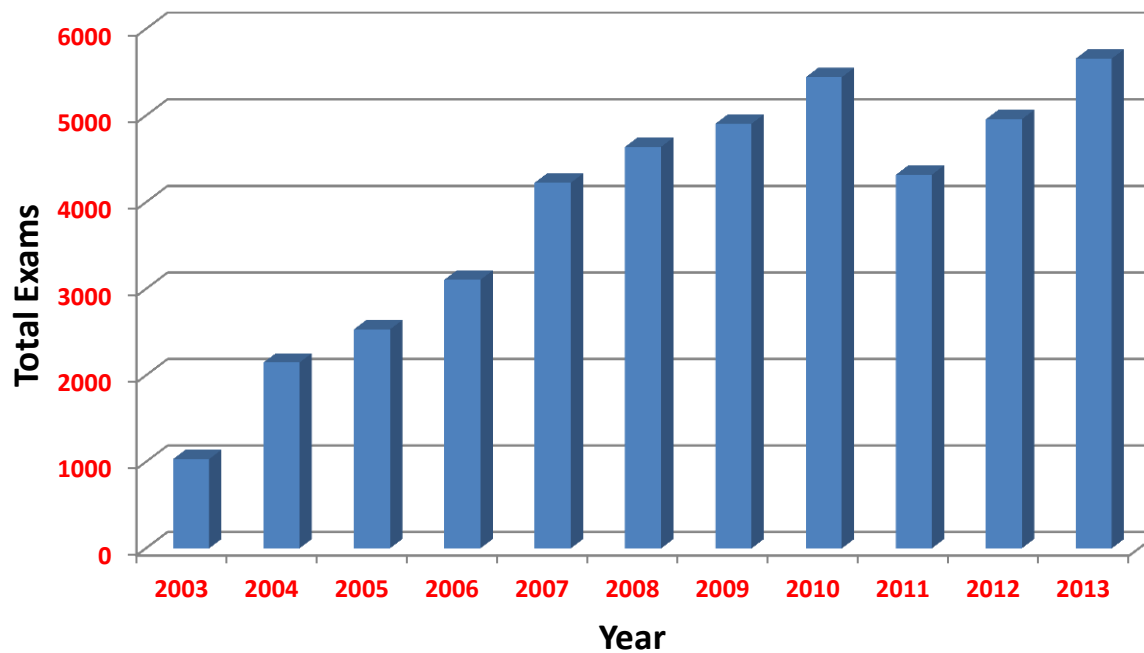
As of 8/31/14

Currently have 20,270 registrants
with 21,943 credentials



Credential Update

Total Exams Sold by Year (2003 to 2013)



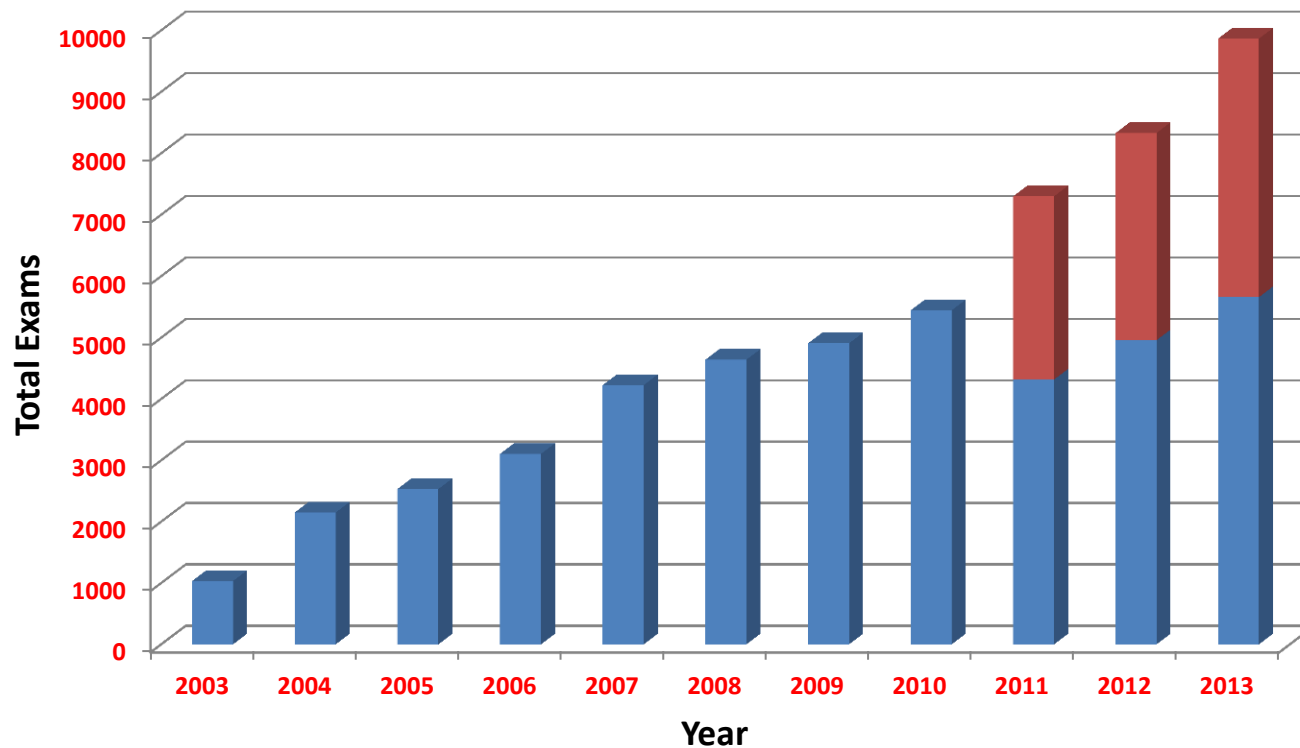
**2003 only includes data from March through December since CCI moved to computer based testing in March of 2003*

***2003 to 2010 data includes the Cardiovascular Science examination, which was no longer offered after Dec. 31, 2010. 2011 and on are only one part exams.*



Credential Update

Total Exams Sold by Year (2003 to 2013)





Credential Update

2014 Examination Pass Rates

2014 Examinations Administered and Pass Rates		
Exam	Total Exams Administered	Pass Rate
Certified Cardiographic Technician (CCT)	496	53.83%
Certified Rhythm Analysis Technician (CRAT)	258	74.03%
Registered Cardiac Electrophysiology Specialist (RCES)	71	67.61%
Registered Cardiovascular Invasive Specialist (RCIS)	634	52.84%
Registered Cardiac Sonographer (RCS)	872	52.29%
Registered Congenital Cardiac Sonographer (RCCS)	51	58.82%
Registered Phlebology Sonographer (RPhS)	49	73.47%
Registered Vascular Specialist (RVS)	457	46.61%

As of 8/31/2014



Exam Committee Update

Credentialing Programs in Development

- **Advanced Cardiac Sonographer (ACS)**
 - Pilot examination administration currently being conducted
 - Qualified candidates interested in pilot exam should notify CCI
- **Basic Echo Certification (BEC)**
 - Only available to healthcare providers outside of North America
 - Pilot examination administration currently being conducted
 - Qualified candidates interested in pilot exam should notify CCI

Credentialing Programs in Exploratory Phase

- Neurosonography
- **Cardiovascular Data Registry (CDR)**



Credential Update

UPDATED

Registered Phlebology Sonographer (RPhS) Examination Matrix

Content Category	Approximate % of Exam
A. Maintain Information, Facility, and Safety	6%
B. Patient Diagnosis	22%
C. Performance of Diagnostic Testing	35%
D. Conservative Treatment / Therapy of Patients	9%
E. Minimally Invasive and Invasive Treatment of Patients	27%

For exams administered on or after October 1, 2014



Credential Update

UPDATED

Registered Vascular Specialist (RVS) Examination Matrix

Content Category	Approximate % of Exam
A. Maintaining Information, Facility, and Safety	8%
B. Applying Physical Principles	17%
C. Performing Abdominal/Visceral Examinations	9%
D. Performing Extracranial/Intracranial Examinations	19%
E. Performing Peripheral Arterial Examinations	24%
F. Performing Peripheral Venous Examinations	18%
G. Performing Special Procedures	5%

For exams administered on or after January 1, 2015



Cardiovascular Credentialing International

Ethics & Appeals



Gail Size

CCI Executive Committee Secretary



Ethics and Appeals

CCI has seen a rise in the number of ethic violation complaints which is most likely attributed to the growth our organization

CCI has both an Ethics Committee and an Appeals Committee that meet monthly or as needed to review such cases





Ethics and Appeals

Code of Ethics

“All credentialed cardiovascular professionals awarded a CCI designation shall, in their professional activities, sustain and advance the integrity and honor of the profession by adhering to this Code of Ethics.”

- ✓ Purpose of the 17 Code of Ethics is the acknowledgement by the applicants and registrant's that they exist and acceptance of the responsibilities and trust conferred upon by CCI.
- ✓ They are signed upon application to CCI and again at each renewal period



Ethics and Appeals

Ethics and Disciplinary Committee

The committee assures issues regarding the Registrant's practice and conduct are fairly and reasonably investigated and to protect the public against unprofessionalism and unethical conduct.

- Committee is comprised of 3 individuals, two of which must be registrants in good standing, and the public member who is on the Board of Trustees.
- The committee reviews complaints of ethical violations and report findings, recommendations, which action should be taken
- Committee may be required to take action against an individual who as not take a CCI examination, i.e. some who is not a registration and misrepresents them self as registrant.
- All complaints must be in writing and signed by the complainant.
- The complainant should specify the alleged inappropriate behavior.



Ethics and Appeals

Ethics and Disciplinary Committee

- Complaints are first reviewed by the Executive Director who decides if sufficient information exists to proceed with a formal investigation
- If sufficient information exists to proceed with a formal investigation, within 30 days, the Chair will send written notification to the complainant and registrant the complaint along with code of ethics were violated.
- The registrant has 30 days to respond
- The reporting of a criminal conviction resulting in a misdemeanor or felony are automatically investigated



Exam Committee Update

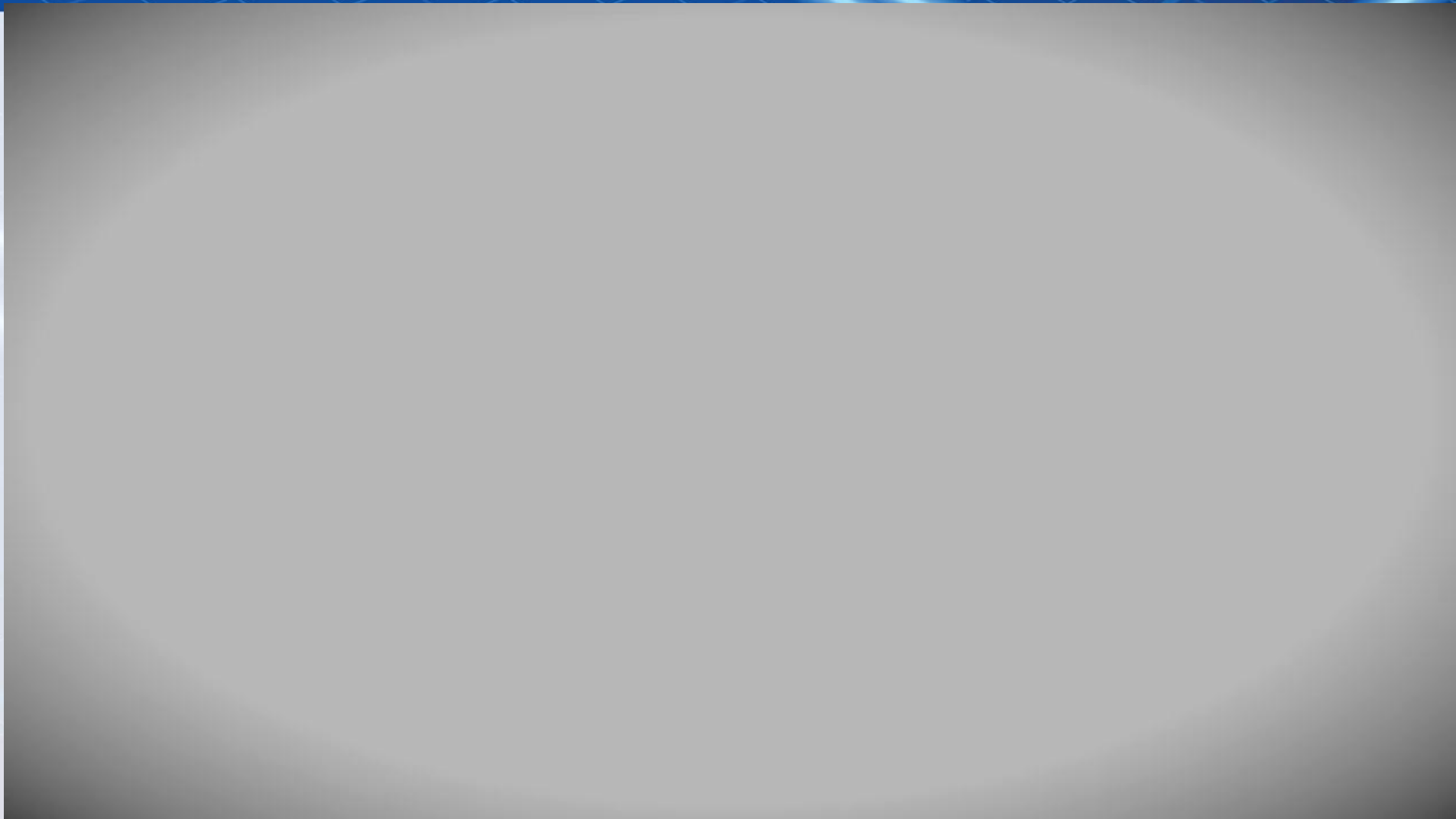
Appeals Committee

If the committee concludes action is warranted and sanctions are approved, there is an appeal process to the Executive Committee, which can include an appeal hearing

- ✓ The President Elect is the chair of the Appeals and is comprised of 5 additional individuals, which must be registrants in good standing
- ✓ The Appeals Committee is responsible to review requests for appeals of decisions of denial of eligibility, denial of renewal and failure on the examinations
- ✓ The Appeals committee must ensure the avenues of due process are provided by the requested individual
- ✓ The decisions made by the Appeals committee shall be final



CCI Examination Application and Process Video





Conclusion





Cardiovascular Credentialing International



Cardiovascular Educators' Forum

SAVE THE DATE!

***April 17-18, 2015
Westin Las Vegas***

Information Available in October