The American Board of Cardiovascular Perfusion

Ed DeLaney, MS, MBA CCP
AMSECT Meeting
Boston, Mass
Who we are...

Credentialing board established in 1975 to certify clinical perfusionists through peer review

Comprised of 8-14 Directors, who are experienced CCPs, with diverse backgrounds and experiences.
What we do. . .

- Develop and maintain quality standards that promote safety and protection of the public
  - Standards include the attainment and enhancement of knowledge, skills, and ethical professional conduct
  - Standards emanate from the design, implementation, and administration of the credentialing process
  - Includes stimulation of innovative educational activities and promotion of ethical professional development
- Award Certified Clinical Perfusionist (CCP) credential
ABCP Position on Certification

Extracorporeal technologies such as ECMO, VAD, autotransfusion, blood therapy, pediatric perfusion, and adult perfusion are part of the consensus curriculum developed by the AC-PE and followed by accredited perfusion education programs.

It is the position of the ABCP that all CCPs have acquired knowledge and have demonstrated through the certification process a validated level of knowledge in these areas.
ABCP Directors

Edward R. DeLaney, CCP
President

Kyle Spear, CCP
Vice-President

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Secretary

Ann C. Guercio, CCP
Treasurer

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Director

Charles E. Johnson, CCP
Director

David A. Palmer, Ed.D., CCP
Director

William D. Riley, CCP
Director

Carol Ann Rosenberg, CCP
Director
Demographics

- 9 ABCP Directors
- Secondary allied health careers include respiratory therapy, nursing, paramedical, biomedical engineering & medical technology
- 8 state licensed
- 8 hold perfusion leadership roles
- All clinically active
- 3 Bachelors’ degrees, 5 masters’ degrees & 1 doctoral degree
- 4 pediatric & 5 adult perfusionists
- 180 cumulative CCP years
Performing clinical cases...

- CPB
- ECMO
- VAD
- Transplantation
- CPS
- Veno-venous Bypass
- Pump Assisted Coronary
- Organ Perfusion
- Pediatric
- Adult
- Chief
- Hospital employed
- Contract employed
- Clinical Instructor
- Didactic Instructor
- Administrator
How we became Directors...

- Practicing perfusionist with a minimum of 5 years experience as a CCP
- Self-nominated or nominated by other CCPs
- Submitted a CV detailing education, work and professional experiences that includes research/presentations/publications
- Signed commitment form to attend three meetings a year and be available on an ongoing basis for ABCP committee work
Who we collaborate with... 

ABCP Liaison Panel includes:

- American Academy of Cardiovascular Perfusion (AACP)
- American Society of ExtraCorporeal Technology (AmSECT)
- Perfusion Program Directors Council (PPDC)
- Canadian Society of Cardiovascular Perfusion (CSCP)
- Extracorporeal Life Support Organization (ELSO)
- Accreditation Committee-Perfusion Education (AC-PE)

Commission on Accreditation of Allied Health Education Programs (CAAHEP)

Canadian Medical Association (CMA)

Provide supportive services to 18 states for perfusion licensure.
ABCP Executive Directors

- Beth A. Richmond, Ph.D.
- Stephen E. Oshrin, Ph.D.
  - Executive Co-Directors
- Casey C. Turnage, Ph.D.
  - Associate Executive Director
- Patricia Kirkland
  - Administrative Assistant & Manager
- Kathy McNair
  - Recertification Specialist
- Sarah Shannon
  - Clerical Assistant
ABCP National Office
2903 Arlington Loop
Hattiesburg, MS 39401
17-Year ABCP CCP History

Total CCP's

- Year: 2000, Total CCP's: 3500
- Year: 2002, Total CCP's: 3500
- Year: 2004, Total CCP's: 3500
- Year: 2006, Total CCP's: 3500
- Year: 2008, Total CCP's: 3500
- Year: 2010, Total CCP's: 3500
- Year: 2012, Total CCP's: 3500
- Year: 2014, Total CCP's: 3500
- Year: 2016, Total CCP's: 3500

1.3%
Licensure States

- Arkansas
- Connecticut
- Georgia
- Illinois
- Louisiana
- Maryland
- Massachusetts
- Missouri
- Nebraska
- Nevada
- New Jersey
- New York
- North Carolina
- Oklahoma
- Pennsylvania
- Tennessee
- Texas
- Wisconsin
Credentialing Process
How we do it.

- Establish qualifications for examination
- Develop and maintain ABCP certification examinations
About the ABCP Examinations. . .

• Each examination is approximately 220 questions to be completed in 4 hours.
• Examinations are developed, scored, and evaluated by the Directors of the American Board of Cardiovascular Perfusion.
• Examinations are administered through Prometric Testing Centers.
  • Prometric provides examinations for over 350 organizations and delivers over 9 million examinations per year, with 377 testing sites in the U.S.
Knowledge Base

- Anatomy & Physiology
- Pharmacology
- Pathology
- Laboratory Analysis
- Quality Assurance
- Devices & Equipment

- Clinical Management
- Special Patient Groups
- Special Procedures & Techniques
- Catastrophic Events
- Monitoring
Two-Part Examination Process

- **Perfusion Basic Science Exam (PBSE)**
  - measures knowledge of basic science as applied to perfusion
    - 220 questions
    - Multiple choice format
    - Covers perfusion basic science and cardiopulmonary bypass
- **Clinical Applications in Perfusion Exam (CAPE)**
  - measures the examinee’s understanding of the practice of clinical perfusion
    - 200-230 questions
    - Series of clinical scenarios followed by multiple-choice items related to perfusion practice
Examination Characteristics

• Both the PBSE and CAPE are criterion-referenced examinations.
  • The criterion for minimally certifiable perfusionists is determined by the Directors of the ABCP who serve as subject matter experts (SME).
• Items on the examinations are evaluated for difficulty and relevance, ensuring that the passing score for each exam accurately reflects the composition of the exam.
• A passing score on the exam is determined by the number of correct answers, and there is no penalty for incorrect answers.
Examination Results

• Examinees will receive results within six weeks.

• The results will include a listing of the items from the examination matrix, the number of items that must be answered for mastery, and the number of items that the examinee answered correctly.
ABCP Practice Examinations

- Practice examinations for both the PBSE and CAPE exams are available online.
  - Information about practice exams is available on the ABCP website (www.abcp.org)
- The abbreviated practice exams are designed to familiarize the examinee with the format and content of the examinations; they are not intended to be a study guide for either exam.
- Practice exams may be taken at any time and on any computer with internet access.
- Scores on the practice exam are provided to the user and are not reported to the ABCP or any other organization.
Item Analysis

- ABCP Directors meet each summer to develop and review examination items.
- Questions are reviewed for reliability, validity, relevancy, and currency.
- Statistical history is maintained for each examination item for each time the item is used on an examination.
ABCP APP

- Calendar of events
  - ABCP CEU and SDCE approved meetings
  - CEU points and meeting website access
- CCP login to file cases
- Access to Booklet of Information
- National Office contact info (one touch button)
- Push notifications/reminders
- Immediate Access
  - Website, Mission Statement
  - Annual Report
ABCP APP

• Available for free download by Apple app store:

• Or by Google Play:
Figure 9. Thirty-eight percent (n=1,160) of the CCP respondents anticipate retiring in 1 to 10 years. Thirty-three percent (n=1,001) of the respondents anticipate retiring in 11 to 20 years. Twenty percent (n=614) anticipate retiring in 21 to 30 years. Almost 9 percent (n=261) anticipate retiring in 31 to 40 years.
Figure 4. When asked how many years as a CCP, the responses were as follows: 16.6 percent (n=505) reported between 1-5 years of experience, 12.8 percent (n=389) reported between 6-10 years of experience, 13.3 percent (n=405) reported between 11-15 years of experience, 13.8 percent (n=418) reported between 16-20 years of experience, 16.1 percent (n=488) reported between 21-25 years of experience, and 27.5 percent (n=835) reported having greater than 25 years of experience.
Thank You

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