**The American Board of Cardiovascular Perfusion**

**EXTENSION REPORT**

**CLINICAL ACTIVITY COVER SHEET**

**Mail to: THE AMERICAN BOARD OF CARDIOVASCULAR PERFUSION**

555 E. Wells Street, Suite 1100 Phone: (414) 918-3008

Milwaukee, WI 53202 Fax: (414) 276-3349

**Send report with $131.00 Filing Fee and $100.00 Late Fee (Total $231.00) by Email or Mail. Deadline for mailing of report is December 31st 11:59 PM PST of the reporting year.**

**Name: ☐ Mr. ☐ Ms. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ABCP ID: \_\_\_\_\_\_\_\_\_\_\_\_\_**

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**Employer: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

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**If Clinical Instructor, please list school affiliations:**

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 **FOR OFFICE USE ONLY**

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**By\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**\_

**I certify that all information submitted in this report is correct. I understand that any misrepresentation will result in revocation of my certification as a Certified Clinical Perfusionist.**

**\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Signature**

**\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Date**

**THIS SHEET MUST ACCOMPANY PERFUSION RECORDS**

**The signed and dated Authorization for Release of Information**

**Form must accompany the Extension Clinical Activity Report.**

**PLEASE COMPLETE HOSPITAL ADDRESS FORM**

**THE AMERICAN BOARD OF CARDIOVASCULAR PERFUSION**

**HOSPITAL ADDRESS FORM for EXTENSION CASES**

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City, State Zip City, State Zip
 **\*for audit purposes**



THE AMERICAN BOARD OF

CARDIOVASCULAR PERFUSION

Authorization for Release of Information

I hereby authorize the Chief Perfusionist, immediate Supervisor, or other Hospital Authority to verify the accuracy of the information on the submitted Clinical Activity Report.

Signature: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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 **FOR USE BY CHIEF PERFUSIONIST, IMMEDIATE SUPERVISOR,**

**OR OTHER HOSPITAL AUTHORITY ONLY**

Cases verified: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Cases not verified: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Reasons for lack of verification:

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**THE AMERICAN BOARD OF CARDIOVASCULAR PERFUSION**

EXTENSION CASE RECORD

CLINICAL ACTIVITY REPORT

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 Candidate’s Name Accredited Affiliate Perfusion Program/School

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 Home Address City, State Zip

PUT NUMBER CORRESPONDING TO CASE CATEGORY IN COLUMN LABELED CC

**Primary Clinical Perfusion Activities (PCPA)**

1P Cardiopulmonary Bypass (CPB), Primary

2P Instructor CPB Bypass, Primary

3P Extra-Corporeal Membrane Oxygenation (ECMO), Primary

4P Normothermic Regional Perfusion (NRP), Ex Vivo Organ Perfusion, Primary

5P Veno-Venous or Left Heart Bypass, Isolated Limb, Primary

6P Ventricular Assist Device (VAD), Primary

**Secondary Clinical Perfusion Activities (SCPA)\*[[1]](#footnote-1)**

1S CPB, First Assistant, Secondary

2S Cardiopulmonary Bypass (CPB) Standby Procedures, and Extracorporeal Membrane Oxygenation (ECMO) Standby Procedures, Secondary

3S Intraperitoneal Hyperthermic Chemoperfusion or Intrapleural Hyperthermic Chemoperfusion (HIPEC), Secondary

4S Normothermic Regional Perfusion (NRP), Ex Vivo Organ Perfusion, First Assistant, Secondary

5S High Fidelity Perfusion Simulation (HFPS), Secondary

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**Tables A & B Pages do NOT need to be returned with your Extension Report.**

**Table A – Primary Clinical Perfusion Activities (PCPA)**

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| **Primary Clinical Perfusion Activities (PCPA)** | **Clinical Definition**  | **Core Elements**  |
| 1P  Cardiopulmonary Bypass (CPB), Primary  | A Certified Clinical Perfusionist (CCP) who is the primary operator of the heart-lung machine, used during cardiac surgery and other surgeries that require extracorporeal circulation, used to manage the patient's physiological status | Blood pump, reservoir, heat exchanger, oxygenator, extracorporeal circuit used accordingly with hemodynamic/lab value monitoring. Multiple pump runs per one OR visit equal 1 primary case credit. |
| 2P  Instructor CPB Bypass, Primary **(Not eligible for PBSE or CAPE examination cases.)**  | A Certified Clinical Perfusionist (CCP) who serves as a clinical instructor to a student enrolled in an accredited perfusion program during primary clinical perfusion activities that require extracorporeal circulation, used to manage the patient's physiological status.    | Blood pump, reservoir, heat exchanger, oxygenator, extracorporeal circuit used accordingly with hemodynamic/ lab value monitoring. Primary clinical perfusion activities (PCPA) performed as clinical instructor in an accredited program are considered a primary perfusion activity and will receive full case credit. During clinical instruction in which the student is operating extracorporeal circulation equipment, there must be direct one-to-one supervision by the clinical instructor. Students may also receive credit toward certification eligibility for the same case.  |
| 3P  Extra-Corporeal Membrane Oxygenation (ECMO), Primary  | A Certified Clinical Perfusionist (CCP) who is the primary operator of Extra-Corporeal Membrane Oxygenation (ECMO) circuit that provides life support for respiratory and/or cardiac failure. The CCP must be documented at the institution as a member of the patient care team for that period and a physician name must accompany the case in the Clinical Activity Report.  | Extracorporeal circuit, oxygenator, heat exchanger used accordingly with hemodynamic/lab value monitoring. For each ECMO case, one case credit per 24 hours will be awarded for initiating and bedside managing ECMO (4-hour minimum) or bedside managing (6-hour minimum). No simultaneous credit will be awarded for managing multiple ECMO patients in this time period.  |
| 4P  Normothermic Regional Perfusion (NRP), Ex Vivo Organ Perfusion, Primary**(Not eligible for PBSE examination cases.)** | A Certified Clinical Perfusionist (CCP) who is the primary operator of an (1) extracorporeal device/system used during organ recovery that require extracorporeal circulation, used to manage the patient's physiological status or of an (2) extracorporeal device, including an oxygenator/de-oxygenator and pump, used to manage the physiologic state of isolated and separated human organs from the body, for potential transplant opportunities. | Reservoir, blood pump, heat exchanger, oxygenator, extracorporeal circuit used accordingly with hemodynamic, temperature, and lab value monitoring. No simultaneous credit will be awarded for managing multiple organs.  |
| 5P  Veno-Venous or Left Heart Bypass, Isolated Limb, Primary **(Not eligible for PBSE examination cases.)** | A Certified Clinical Perfusionist (CCP) who is the primary operator of an extracorporeal device used to perfuse specific vascular regions within the circulatory system or recirculate venous blood for purposes such as clot/tissue removal. the primary operator of an extracorporeal device used to deliver anticancer drugs directly to an arm, leg, or organ and manages the patient's physiological status.  | Blood pump, extracorporeal circuit used accordingly with hemodynamic/lab value monitoring.  |
| 6P  Ventricular Assist Device (VAD), Primary  | A Certified Clinical Perfusionist (CCP) who is the primary operator of the Ventricular Assist Device (VAD) that provides cardiac support for the failing heart.   | For each VAD case, one case credit per 24 hours will be awarded for initiating and managing VAD or bedside managing (6-hour minimum). No simultaneous credit will be awarded for managing multiple VAD patients in this time period.  |

**Table B – Secondary Clinical Perfusion Activities (SCPA)**

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| **Secondary Clinical Perfusion Activities (SCPA)** | **Clinical Definition** | **Core Elements** |
| 1S  CPB, First Assistant  | The “CPB First Assistant” is the Certified Clinical Perfusionist (CCP) whom the hospital/institution recognizes as the assistant to the primary perfusionist during the conduction of perfusion.  | The “CPB First Assistant” must be documented within the operating suite and actively assisting during the operative case. Multiple First Assistant credits will not be allowed on concurrent operative procedures. Multiple pump runs per one OR visit equal one secondary case credit. |
| 2S  Cardiopulmonary Bypass (CPB) Standby Procedures, and Extracorporeal Membrane Oxygenation (ECMO) Standby Procedures | A Certified Clinical Perfusionist (CCP) who is the primary standby operator of the CPB machine which is used during cardiac surgeries that may require extracorporeal circulation to manage the patient's physiological status, or is the primary standby operator of the Extracorporeal Membrane Oxygenator (ECMO) that provides life support for respiratory and/or cardiac failure. | Any procedure that may require immediate and onsite extracorporeal circulatory support. Standby procedures must be documented, requested by the attending physician, and verifiable in an audit.  |
| 3S  Intraperitoneal Hyperthermic Chemoperfusion or Intrapleural Hyperthermic Chemoperfusion (HIPEC)  | A Certified Clinical Perfusionist (CCP) who is the primary operator of an intraperitoneal or intrapleural device.  | A device with pump flow, circulation, temperature, monitoring, and regulation of chemotherapeutic fluids within abdominal or thoracic cavity for periods exceeding 30 minutes. Syringe infusion devices will not be counted as a SCPA.  |
| 4S  Normothermic Regional Perfusion (NRP), Ex Vivo Organ Perfusion, First Assistant  | A Certified Clinical Perfusionist (CCP) who is the secondary operator of an extracorporeal device/system (1) used to manage the physiologic state of isolated and separated human organs from the body, for potential transplant opportunities (2) used to manage the patient physiological status.  | Reservoir, blood pump, heat exchanger, oxygenator, extracorporeal circuit used accordingly with hemodynamic, temperature, and lab value monitoring. No simultaneous credit will be awarded for managing multiple organs. |
| 5S  High Fidelity Perfusion Simulation (HFPS)  | A Certified Clinical Perfusionist (CCP) who is the primary operator of the heart-lung machine or ECMO circuit, used to manage physical and physiological variables during simulated perfusion scenarios taking place at an ABCP-recognized HFPS center. HFPS is the use of simulation modalities or mechanisms to create a realistic patient model or perfusion situation.  | HFPS must be an interactive process facilitated by a CCP using standardized medical simulation devices that integrate realistic perfusion events experienced during CPB procedures in a realistic surgical setting using a conventional heart-lung machine or ECMO circuit. Each HFPS or series of HFPS must have an education/briefing, simulation, and debriefing. The simulation/simulation series length must be no less than 50 minutes of active simulation activity. One case credit is awarded for each HFPS activity that meets or exceeds these guidelines. Each HFPS must include and retain a participant evaluation form.  |

1. Combined 15 maximum [↑](#footnote-ref-1)