NBCRNA

National Board of Certification & Recertification for Nurse Anesthetists

Recognition Specifications for

Simulation Centers Interested in Administering

NBCRNA Reentry Program: Step Two

TABLE OF CONTENTS

Simulation Center Recognition Process

The National Board of Certification and Recertification for Nurse Anesthetists (NBCRNA) has established a Reentry Program, which involves three distinct steps for successful completion. Step two of this program requires demonstration and management of NBCRNA-identified skills at an NBCRNA-recognized simulation center. The NBCRNA is providing the following information for accredited simulation centers that are interested in administering Step Two of the NBCRNA's Reentry Program for nurse anesthetists. Participating simulation centers are responsible for providing a summary report to the NBCRNA describing the Reentry Program participant's (RPP) performance of these skills for each participant who utilized their facilities. Only NBCRNA-recognized simulation centers may be used by Reentry Program participants for the completion of Step Two requirements. Simulation centers utilized for the completion of any Reentry Program requirements must be disclosed by the participant (and acknowledged by the NBCRNA) prior to engagement in any simulation activities that are to be used for satisfying Reentry Program Requirements.

The following process will be used by the NBCRNA in recognizing a simulation center to administer Step Two of the Reentry Program:

1. Simulation center electronically submits a letter of interest to the identified NBCRNA contact, on simulation center or affiliated organizational letterhead, indicating the center's interest in becoming a recognized simulation center. This letter should briefly address the center's current simulation accreditation status and the center's ability to deliver all activities listed in the "Step Two Topics" section of this document. Please send the letter to:

    Barbara Anderson
    Credentialing Compliance Manager
    NBCRNA
    8725 W. Higgins Rd, Suite 525
    Chicago, IL 60631
    Phone: 708-667-0104
    Email: banderson@nbcrna.com

2. Participate in a conference call(s) with NBCRNA staff to discuss NBCRNA expectations and simulation center capabilities.
3. At the center's expense, schedule an onsite visit for NBCRNA staff to allow assessment of center capabilities. During the onsite visit the center will demonstrate one high-fidelity simulated scenario involving faculty members who will be involved with evaluating RPPs.
4. After the onsite visit, center will electronically submit a written response to the Reentry Program: Step Two requirements as defined in the "Recognition Specifications" section of this document. This response is due to the NBCRNA within 90 days of the completed onsite visit. An interactive PDF application form will be sent to the primary center representative for completion. Please do not use the examples provided within this file.

5. Staff conducts an internal review of all materials submitted by the center and determines if recognition of the center is feasible. This review will be completed within two weeks of receipt of all required materials.
6. Upon recognition feasibility, center representatives and NBCRNA staff will enter into a mutually acceptable set of terms. The NBCRNA will make available upon request a standard set of terms for the simulation center's consideration.
7. Once the center and the NBCRNA enter into an agreement, information regarding the center's recognition status will be added to the NBCRNA website and the center may begin accepting Step Two Reentry Program participants.

NBCRNA reserves the sole right to accept or reject any Reentry Program Simulation Center application submitted for recognition consideration. Furthermore, NBCRNA reserves the right to reject any application without the assignment of reasons for so doing.

NBCRNA will not reimburse costs incurred by the simulation center in responding to this Recognition Specification document. Simulation center is responsible for all costs incurred for an NBCRNA onsite visit (per reimbursement of incurred expenses).

All interested simulation centers must acknowledge that, if recognized to offer Reentry Program: Step Two, they will:
a. Function as an independent contractor in the conduct of these services, and assume full responsibility for all of their actions, damages, injuries, etc.
b. At all times comply with all applicable federal, state and local laws, rules, and regulations.

Background Information

The mission of the NBCRNA is to promote patient safety through credentialing programs that support lifelong learning. Toward that end, the NBCRNA certifies registered nurse anesthetists who meet all the criteria for entry into practice as a Certified Registered Nurse Anesthetist (CRNA). In order to become certified, a candidate must pass an initial certification examination after successful graduation from an accredited nurse anesthesia education program and be licensed to practice in at least one state.

The NBCRNA launched the Continued Professional Certification (CPC) program in 2016 which replaced the previous recertification program that was in force for more than 30 years. Nurse anesthetists have four years to complete the CPC Program requirements. If the CPC Program has not been completed, the nurse anesthetist will lose his/her certification. If the authority to practice as a nurse anesthetist or certification has been lost for four or more years, the nurse anesthetist is required to complete the Reentry Program.

Description of the Reentry Program

The Reentry Program is offered to those nurse anesthetists who have had a lapse in their certification and/or their license or authority to practice nurse anesthesia for four or more years and who wish to reestablish their eligibility for certification and reenter nurse anesthesia practice. The Reentry Program may also be available to a nurse anesthetist who has lost his/her certification for less than four years if that loss was a result of failing to comply with any of the CPC components on or before the end of his or her CPC cycle. The Reentry Program provides the opportunity for a nurse anesthetist to obtain current knowledge and skills necessary for safe nurse anesthesia practice and enables the nurse anesthetist to become CPC compliant and restore his/her eligibility for certification.

The Reentry Program consists of three sequential steps, all of which must be completed within a consecutive 24-month period, starting with the date of enrollment in the Reentry Program. The following is a summary of the three steps. BOTH Step One and Step Two must be completed within 12 consecutive months after Reentry Program enrollment. Step Three must be completed within 24 consecutive months after initial Reentry Program enrollment.

Step One: Complete 60 Class A credits, 40 Class B credits, 4 Core Modules (one in each of the four content areas), provide evidence of valid BLS and ACLS certifications, and pass an examination* in order to move to Step Two of the program. Information regarding these items can be found in the *Continued Professional Certification (CPC) Program Handbook* available on the NBCRNA website. Successful completion of Step One is required in order to move to Step Two of the program.

Step Two: Complete a list of NBCRNA-identified activities at an NBCRNA-recognized simulation center. Successful completion of Step Two is required in order to move to Step Three of the program.

Step Three: Receive a Time-limited Full Certification for the purposes of completing the clinical employment requirement as a CRNA, as detailed for Step Three of the program. Provide evidence of nurse anesthesia employment within the 12 consecutive months following completion of Step Two of the program or by the end of the 24-month Reentry Program, whichever is shorter. Successful completion of Step Three is

required in order to complete the program and be eligible for CPC Compliance.

*The NBCRNA's National Certification Examination (NCE) will be used to meet the examination requirement in Step One for Reentry Program participants enrolled in the program between Aug. 1, 2016 and Dec. 31, 2019. Starting on Jan. 1, 2020, Reentry Program participants will be required to sit for and pass the CPC Examination.

Step Two Topics

The recognized simulation center is responsible for documenting successful completion of the NBCRNA-identified simulation activities listed below for each Reentry program participant (RPP). All activities must be performed at an NBCRNA-recognized simulation center. All recognized simulation centers must be accredited by the Society for Simulation in Healthcare (SSH). Documentation of activities must be prepared at the conclusion of step two by the simulation center administrator, or reviewer, who is responsible for overseeing the nurse anesthetist's activities. Using a tool developed by the NBCRNA, this documentation record must be electronically signed by both the Reentry Program participant and the simulation center administrator, or reviewer.

    a. Bronchospasm
    b. Anaphylaxis/allergy
    c. Unstable arrhythmias
    d. Myocardial infarction (while under anesthesia)
    e. Obstructed endotracheal tube
    f. Aspiration
    g. Rapid sequence induction
    h. Difficult intubation/advanced airway techniques
    i. Anesthesia machine malfunction/troubleshooting
    j. High/total spinal
    k. Desaturation
    l. Pulmonary edema
    m. Bradycardia/tachycardia
    n. Hyper/hypotension
    o. Cardiac arrest
    p. Pulmonary embolism
    q. Regional anesthesia
    r. Preoperative evaluation scenarios
    s. Vascular access
    t. Understanding of pharmaceutical delivery issues (e.g., infection prevention principles associated with medication preparation and delivery, incorrect drug administration, equipment malfunction, etc.)

Additional Information: Reentry program participants are also required to provide evidence of current BLS, ACLS and PALS certification.

Recognition Specifications

Contact Information (This information will be placed on NBCRNA website when recognized):
1. Official simulation center name.
2. Center's Address.
3. Primary contact person (this should be the name, phone number and email address of the person who will oversee all discussions with the NBCRNA and who will be contacted by the Reentry Program Participant (RPP).
   a. Name
   b. Title
   c. Phone number
   d. Email address

Overview
1. Provide a brief overview of how the center plans to deliver Step Two of the Reentry Program, specifically addressing the expected length of the simulation activities, number of days expected, and number of faculty who will participate in the evaluation of RPPs.
2. Are there lodging accommodations readily accessible to RPPs within a reasonable distance to the center? All rooming accommodations are the responsibility of the RPP. Please identify two possible lodging options for RPPs.

Qualifications
1. Accreditation Status: Provide the following information in <u>table one of the separate application form</u>.
   a. List of accreditations currently held by the center. If SSH accreditation is not currently held, please identify what other accreditations are currently inforce and identify when the center expects to pursue and obtain SSH accreditation.
   b. Date of accreditation expiration.
   c. Does the center plan to renew this accreditation?
   d. Any additional comments that the center would like to share with the NBCRNA regarding accreditation status or any other recognition that the center may hold.
2. Simulation Faculty: Provide the following information regarding all faculty who will be involved with the development, delivery and/or assessment of simulated scenarios used with Reentry Program Participants (RPP). Please provide this information in <u>table two of the separate application form</u>, and electronically submit PDF copies of the listed faculty curriculum vitae.
   a. Name of faculty member
   b. Academic degree(s) and any pertinent certifications
   c. Academic rank and position
   d. Years of experience using simulation for education and assessment
   e. Has the faculty member had, or will have had, training on the use of the simulation evaluation tools prior to their use with RPPs?
   f. Is the faculty member trained to conduct debriefing sessions?
   g. NBCRNA, or other appropriate, certification status (e.g., certified, recertified, participating in MOC, etc.)

Facility
1. Simulation Center
   a. Center capacity:

        i.   Identify the average number of users of the facility, any pertinent prioritization scheduling policies that may impact RPP access to the center, and the days of the week when RPPs will have access to the center (including weekend days).

    b.   List of simulation products/programs with corresponding degree of fidelity that RPPs can expect to engage if using this center to complete Reentry Program Step Two. Please provide this information in <u>table three of the separate application form</u>, and feel free to include any equipment that the center may provide to the RPP as additional options, if so selected by the RPP.

Simulations

1. Provide a brief overview of how you intend to engage the RPP in an orientation to the simulation center to overcome any RPP lack of familiarity with simulation.
2. Using <u>table four of the separate application form</u>, identify how the center intends to evaluate the list of NBCRNA-identified simulation activities. If the center intends to group more than one of the identified topic into a single scenario, please identify which topics will be grouped together in <u>table four of the separate application form</u> and identify the evaluation method that will be used (e.g., task trainer with observation, high-fidelity simulation with observation). <u>All</u> management topics must be addressed in <u>table four of the separate application form</u>.
3. Identify who, beyond the RPP, will participate in simulation scenarios and how these individuals will interact with the RPP. The use of appropriately qualified (i.e., non RPPs) individuals is required for all simulated scenarios. Centers cannot use other RPPs to play a role (e.g., confederate) in a high-fidelity simulated scenario where a RPP is being evaluated. Only one RPP may be involved with a high-fidelity simulated scenario at a time.
4. Provide PDF copies of two to three scenario decision trees that will be used to evaluate the RPP.
5. Describe the center's development and revision process for simulated scenarios. Please be sure to include how frequent a scenario is evaluated for possible revisions.
6. Evaluation tools
    a. Describe and provide an example of the evaluation tools that will be used with the RPPs. Please address how these tools were developed and the methods employed to train the raters on use of the tools. If tools are in development stage, please describe the steps that will be taken to ensure reliability/validity of the tool(s) and the expected training of raters.
    b. Identify the number of raters/observers that will be used in the evaluation process.
    c. Will the center use audiovisual recording as part of the evaluation process?
7. Debriefing process
    a. Describe the debriefing process that will be used with the RPP.
    b. If RPP debriefing will occur in the presence of other RPPs or other learners, describe the process that will be used to obtain RPP permission to participate in group debriefing processes.
8. Mechanism for remediation
    c. Describe the remediation opportunities that the center will provide for the RPP.
    d. Describe the process that will be used to re-evaluate the RPP performance of the management topics.

Additional Information

1. Address mechanisms and /or policies to maintain confidentiality of the RPP's participation in Step Two activities at the simulation center.
2. Describe the orientation process that will be used with the RPP.
3. Provide any additional information or comments that you would like the NBCRNA to be aware of when reviewing this document.

SAMPLE DOCUMENTS

SAMPLE

Table 1: Accreditation Status

Name of Accrediting Body	Accreditation Expiration Date	Plans for Renewal?	Additional Comments

SAMPLE

Table 2: Faculty

Faculty Name	Degree(s) / Certification(s)	Academic Rank / Position	Simulation Experience (Years)	Evaluation Training? (Yes/No)	Debrief Training? (Yes/No)	Certification Status

SAMPLE

Table 3: Simulated Products

Product Name	Fidelity	Required/Optional	Comments

Table 4: Scenario Grouping (If more rows are needed, request additional form from NBCRNA.)

Center-assigned Activity Number	Step Two Topics	Evaluation Method
	Bronchospasm	
	Anaphylaxis/allergy	
	Unstable arrhythmias	
	Myocardial infarction (while under anesthesia)	
	Obstructed endotracheal tube	
	Aspiration	
	Rapid sequence induction	
	Difficult intubation/advanced airway techniques	
	Anesthesia machine malfunction/troubleshooting	
	High/total spinal	
	Desaturation	
	Pulmonary edema	
	Bradycardia/tachycardia	
	Hyper/hypotension	
	Cardiac arrest	
	Pulmonary embolism	
	Regional anesthesia	
	Preoperative evaluation scenarios	
	Vascular access	
	Understanding of pharmaceutical delivery issues (e.g., infection prevention principles associated with medication preparation and delivery, incorrect drug administration, equipment malfunction, etc.)	

APPLICATION CHECKLIST

Item	Area Addressed	Included
Letter of Interest	Contact information	
	Accreditation Status	
	Ability to deliver ALL Step Two Topics	
Recognition Specifications Response	Contact information	
Overview	Delivery plans	
	Lodging accommodations	
Qualifications	Accreditation status	
	Simulation faculty	
Facility	Center capacity	
	Products available for use	
Simulations	Scenarios	
	Scenario participants	
	Scenario decision trees	
	Scenario revision process	
Evaluation Tools	Development process for tool	
	Training process for raters	
	Audio/visual recording	
Remediation	Process	
Confidentiality	Policies and procedures to be used	
Tables	Accreditation	
	Faculty	
	Simulated products	
	Scenario grouping	
Additional Info	Orientation process	

Questions: Please direct all questions to banderson@nbcrna.com.

CPC Reentry Program: Step Two

SIMULATION ACTIVITIES/TOPICS CENTER SUMMARY REPORT: RPP Performance

Reentry Program Participant (RPP) Name: <u>ABC PERSON</u>

- <u>Start Date of Step Two:</u> 11/24/2016
- <u>Completion Date of Step Two:</u> 2/14/2017
- <u>Basic Life Support Certification Expiration Date:</u> 3/30/2017
- <u>Advanced Life Support Expiration Date:</u> 3/30/2017

Topic/Activity	Associated Core Area (airway, pharmacology, equipment, physiology/pathophysiology)	Performance Objective	Successful (Yes/No)	# of Attempts to Achieve Success	Simulation Center Time
Bronchospasm	Airway, physiology, pathophysiology, pharmacology	The RPP recognizes and manages events related to bronchospasm with appropriate treatment in accordance with evidence-based practices.	Yes	1	0.5 hours
Anaphylaxis/allergy	Airway, pharmacology, physiology/pathophysiology	The candidate identifies symptoms and causes of anaphylaxis/allergic reaction, anaphylactic shock and responds with appropriate treatment in accordance with evidence-based practices.	Yes	3	2.5 hours
Unstable arrhythmias	Physiology	The candidate recognizes and manages events related to unstable arrhythmias and responds with appropriate treatment in accordance with evidence-based practices.	Yes	2	1 hour

Myocardial infarction (while under anesthesia)	Physiology/pathophysiology	The candidate recognizes and manages events related to myocardial infarction while under anesthesia and responds with appropriate treatment in accordance with evidence-based practices.	Yes	1	0.5 hours
Obstructed endotracheal tube	Airway, physiology/pathophysiology	The candidate recognizes and manages events related to obstructed endotracheal tube and responds with appropriate treatment in accordance with evidence-based practices.	Yes	1	0.5 hours
Aspiration	Airway, physiology/pathophysiology	The candidate recognizes and manages events related to pulmonary aspiration and responds with appropriate treatment in accordance with evidence-based practices.	Yes	1	0.5 hours
Rapid sequence induction	Airway	The candidate demonstrates the appropriate steps for rapid sequence induction in accordance with evidence-based practices.	Yes	2	1 hour
Difficult intubation/advanced airway techniques	Airway	The candidate anticipates, identifies, manages and demonstrates the appropriate steps for patients with a potentially	Yes	3	2.5 hours

		difficult airway in accordance with the difficult airway algorithm.			
Anesthesia machine malfunction/troubleshooting	Equipment	The candidate recognizes and manages events related to equipment malfunction and takes appropriate action for resolution to facilitate the safe and effective care of the patient.	Yes	2	1 hour
High/total spinal	Airway, physiology/pathophysiology	The candidate identifies, recognizes and manages events and adverse effects related to high/total spinal anesthetic and responds with appropriate treatment in accordance with evidence-based practices.	Yes	2	1 hour
Desaturation	Airway, physiology/pathophysiology	The candidate recognizes and manages events related to desaturation and responds with appropriate treatment in accordance with evidence-based practices.	Yes	2	1 hour
Pulmonary edema	Airway, physiology/pathophysiology, pharmacology	The candidate recognizes and manages events related to pulmonary edema and responds with appropriate treatment in accordance with evidence-based practices.	Yes	2	1 hour
Bradycardia/tachycardia	Physiology/pathophysiology, pharmacology	The candidate recognizes and	Yes	1	

		manages events related to bradycardia/tachycardia and responds with appropriate treatment in accordance with evidence-based practices.			0.5 hours
Hyper/hypotension	Physiology/pathophysiology, pharmacology	The candidate recognizes and manages events related to hypertension/hypotension and responds with appropriate treatment in accordance with evidence-based practices.	Yes	1	0.5 hours
Cardiac arrest	Physiology/pathophysiology, pharmacology	The candidate recognizes and manages events related to cardiac arrest and responds with appropriate treatment in accordance with evidence-based practices.	Yes	2	1 hour
Pulmonary embolism	Airway, physiology/pathophysiology, pharmacology	The candidate recognizes and manages events related to pulmonary embolism and responds with appropriate treatment in accordance with evidence-based practices.	Yes	2	1 hour
Regional anesthesia	Physiology/pathophysiology	The candidate recognizes and manages events related to regional anesthesia and responds with appropriate treatment in accordance with	Yes	3	2 hours

		evidence-based practices.			
Preoperative evaluation scenarios	Airway, physiology/pathophysiology, pharmacology	The candidate performs preoperative evaluations in accordance with evidence-based practices.	Yes	1	2 hours
Vascular access	Physiology/pathophysiology/equipment	The candidate performs vascular access procedures in accordance with evidence-based practices.	Yes	1	0.5 hours
Understanding of pharmaceutical delivery issues (e.g., infection prevention principles associated with medication preparation and delivery, incorrect drug administration, equipment malfunction, etc.)	Pharmacology	The candidate recognizes and manages events related to pharmaceutical delivery and responds with appropriate actions and interactions in accordance with evidence-based practices.	Yes	2	1 hour

TOTAL Number of Center Hours Used by RPP in Direct Simulated Step Two Activities (includes hours noted above):   37 hours

TOTAL Number of Hours Used by Center in Preparation for RPP Activities: 24 hours

Reentry Program Participant:

    Name: _____

    Electronic Signature: _____

    Date Signed: _____

Center Administrator:

    Name: _____

    Electronic Signature: _____

    Date Signed: _____

Frequently Asked Questions

1. **Q.** *How long does it take to complete the recognition process?*

   A. We estimate that the entire recognition process may take three to six months. Comprehensive responses in the first application will help quicken the process from initiation to completion.

2. **Q.** *What is the anticipated volume of Reentry Program participants (RPPs)?*

   A. The Reentry Program is relatively new so the NBCRNA does not have an estimated annual volume. Based on the previous Refresher Program, it is anticipated that there will be 5-10 new enrollees per year in the Reentry Program.

3. **Q.** *What accreditation is required?*

   A. NBCRNA requires that a NBCRNA-recognized simulation center be accredited by the Society for Simulation in Healthcare (SSH); however, recognition by the American Society of Anesthesiologists (ASA) for the purpose of meeting Part IV activities of the Maintenance of Certification in Anesthesiology (MOCA) program is initially acceptable to begin the NBCRNA recognition process. SSH accreditation is required prior to accepting any RPPs at the center, and maintenance of SSH accreditation is required while RPPs are enrolled with the center.

4. **Q.** *What is the cost to Simulation Centers to become NBCRNA-recognized?*

   A. The simulation center is responsible for costs incurred by the NBCRNA to complete the onsite visit and any development costs that the center may incur in order to deliver step two activities. NBCRNA will make efforts to contain onsite reviewer-related costs. Estimated NBCRNA costs for an onsite visit are $1,200 per site reviewer.

5. **Q.** *How frequently does my center have to undergo "reauthorization" to continue to be recognized?*

   A. The length of the agreement between the NBCRNA and the simulation center will determine the frequency of reauthorization. The NBCRNA prefers to have sites that will enter into an agreement for delivery of step two activities for a minimum period of four years.

6. **Q.** *What happens if we change our mind and want to end our participation?*

   A. With agreed upon notice, you can discontinue your participation at any time.

7. **Q.** *What support can we expect from the NBCRNA as we go through our recognition process?*

   A. NBCRNA staff will answer questions as they relate to the requirements identified in the Specifications document or any requirement of participation. Unfortunately, NBCRNA staff cannot serve as consultants for the construction of your application.

# # #