Skills Maintenance Requirements for the Advanced Practitioner

Carla A Aresco, CRNP
R Adams Cowley Shock Trauma Center
Baltimore, MD
careso@umm.edu
Disclosures

I disclose no conflict of interest relative to this educational activity
Increasing demand for Critical Care Providers in the US

Advanced Practice Providers (APP) integrated in the ICU’s are “highly effective in helping to deliver high quality medical critical care”

No significant differences in complication rates, LOS or morbidity in a study comparing trauma surgeons and NPs

McCarthy C, O’Rourke NC, Madison JM. Integrating advance practice providers into medical critical care teams. Chest. 2013;143(3);847-850
Credentialing/Privileging

- Core Privileges
- Critical Care Procedures
  - Line insertion (central line, arterial line, PA cath)
  - Emergency Intubation
  - Bronchoscopy
  - Lumbar Puncture
  - Chest Tube Insertion
Mentored and trained by attending physicians and other credentialed APPs

Competency is assessed and maintained based on hospital medical staff office and credentialing governance policies
“See one, do one”

Simulation

Keep a log of each procedural skill

· Each hospital’s medical staff office determines the amount of procedures required to be competent in each skill

· Record procedure, complication if any and credentialed provider who witnessed procedure
Simulation

- Gaining popularity
- Improved learner knowledge
- Skill confidence
- Improved performance on simulation resulting in fewer needle sticks and less complications in patients

Requirements

- Carolinas Medical Center (CMC)
  - Perform 10 of each procedure before consideration for credentialing; maintain competency annually by participating in quarterly training and performing a minimum of 10 of each procedure credentialed to perform.

- University of Florida (UF)
  - Perform 5 successful procedures initially; maintenance annual skills lab with specific skills stations tailored to the APP need

- Vanderbilt
  - Keep a log of the number of procedures performed adequately under supervision, after privileges are granted the NP must continue the log to record the number of procedures performed and evidence of quality in performing the procedure to confirm competency
Skills Maintenance

- Simulation Lab

- Keeping a log of procedures done to show continued competency. Complications must be reported and do not count in successful procedural numbers.

- Critical Care Classes
Initial Credentialing

- Skills lab and ‘MINIMUM’ of 5 of each invasive procedure

Re-credentialed every 2 years

- 10 procedures over 2 years without complication
- If there is concern for “not enough practice” the APP must participate in skills lab for procedure demonstrating competence and again be supervised for requisite number of procedures without complication
UNIVERSITY OF MARYLAND MEDICAL CENTER
Specified Services for Nurse Practitioners

Name: __________________________________________ Date: _____________________________

Department: ______________________________ Section: ______________________________

Area of Certification: __________________________ Certification Date: ________________

Certifying Organization: ______________________ Certification Number (required): ________

State Approved Attestation On File: ___________ (to be completed by Medical Staff Services)

<table>
<thead>
<tr>
<th>Specified Services</th>
<th>Check ( ✓ ) if Requested</th>
<th>Chair Approval Initial if Yes Write Not Approved if No</th>
</tr>
</thead>
<tbody>
<tr>
<td>Category 0: In the case of an emergency, any member of the Affiliate Staff, to the degree permitted by his/her license and regardless of Affiliate Staff status, service or clinical privileges, shall be permitted to do everything possible to save the life of a patient or to save a patient from serious harm. *Approved per the Medical Staff Bylaws</td>
<td>✓</td>
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</tbody>
</table>

Category I – Core Privileges

NP – Core Privileges Criteria: To be eligible for core privileges, applicants must have completed a CCNE or NLN accredited NP program and be nationally certified in the specialty.

Core Privileges Include the Following:
- Obtains complete history and physical examinations of patients
- Establishes medical diagnosis for common short-term or chronic stable health problems
- Orders: Laboratory and/or Diagnostic Tests
- Interprets basic laboratory and/or diagnostic procedures
- Establishes treatment plan with full prescriptive authority
- Implements treatment plan
- Performs therapeutic interventions
- Communicates with the patient, family and interdisciplinary team to optimize treatment.
<table>
<thead>
<tr>
<th>Request</th>
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<th>Approved Procedure: Chair Approval: Initial if Yes Write Not Approved if No</th>
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</thead>
</table>
| Providers who are prescribing or administering controlled substances during procedures MUST request this privilege. *Criteria for Approval:*
1. Proof of Current BLS, PALS, or NRP certification (please attach)
2. Completion of Age-Appropriate Moderate Sedation Education in-service every two years. (required for appointment and reappointment)
3. For initial credentialing, documentation of supervised performance |
**Category II – Procedural Skills:** *Adult/Acute Care/Family/Psych/Women's Health NP*

Copies of Simulation/Competency logs must be included.

[ ] Initial Appointment       [ ] Requesting additional Skills       [ ] Reappointment

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<tr>
<td>Arterial Pressure Monitoring Catheters</td>
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<td>Dermal or Bone Marrow Biopsies</td>
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<td>Central Line Insertion</td>
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<tr>
<td>Chest Tube Insertion</td>
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<tr>
<td>Dental Blocks</td>
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<tr>
<td>Incision and Drainage of Abscess</td>
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<td>Intra-Aortic Balloon Pump Removal</td>
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<td>Intra-Ventricular Catheter Placement</td>
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<td>Joint Aspiration</td>
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<td>Lumbar Puncture</td>
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<td>Paracentesis</td>
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<tr>
<td>Pulmonary Artery Catheters</td>
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<td>Removal of Foreign Bodies: Wound</td>
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<td>Splinting of Extremities</td>
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<tr>
<td>Suturing: Simple Wound Closure</td>
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<tr>
<td>Suturing: Complex Wound Closure</td>
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<tr>
<td>Thoracentesis</td>
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<tr>
<td>Ultrasound: Beside FAST Technique</td>
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<tr>
<td>Wound Debridement and Wash-Out</td>
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</tbody>
</table>
Category II – Procedural Skills: Women’s/Neonatal/Pediatric Nurse Practitioner Specialties (as listed below)
Copies of Simulation/Competency logs must be included.

[ ] Initial Appointment      [ ] Requesting additional Skills      [ ] Reappointment

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<td></td>
<td>Initial if Yes Write Not Approved if No</td>
</tr>
</tbody>
</table>

- Women’s Health
- Endometrial Biopsy
- Neonatology
- Arterial Puncture
- Arterial Line Placement-Peripheral
- Chest Tube Insertion
- Endotracheal Intubation
- Lumbar Puncture
- Paracentesis
- Suprapubic Bladder Tap
- Thoracentesis
- Umbilical Arterial Catheter Insertion
- Umbilical Venous Catheter Insertion
- Pediatric Acute/Specialty Care
- Arterial Puncture
- Lumbar Puncture
- Pediatric Cardiac Surgery
- Chest Tube Insertion
- Complex Wound Management
- Epicardial Pacing Wire Removal
- Transthoracic Catheter Removal
- Pediatric Critical Care
- Arterial Puncture
- Arterial Line Placement-Peripheral
- Central Line Placement
- Chest Tube Insertion
- Endotracheal Intubation
- Lumbar Puncture
- Thoracentesis
- Ultrasound: Beside FAST Technique
New Procedure and Competency Check List

Nurse Practitioner/Physician Assistant Name: __________________________________________________________

To obtain approval for procedures not previously approved. You may use this form to document any new procedure(s). Do not include a procedure on the delineation of privileges form until demonstration of competency. Submission of this form will indicate that this procedure is to be added to the current list of privileges. Physician Assistants: please submit the additional procedures and amended delegation agreement to the Maryland Board of Physicians.

Title of Procedure: __________________________________________________________________________________

Education Program: _____________________________________________ Dates _______________________

Workshop: __________________________________________________________ Dates _______________________

Other: __________________________________________________________ Dates _______________________

<table>
<thead>
<tr>
<th>Date</th>
<th>Observed</th>
<th>Performed</th>
<th>Evaluated By</th>
<th>Comments</th>
</tr>
</thead>
</table>

I certify that ___________________________________________ has performed the above procedure and is able to carry out the procedure competently and independently.

1. __________________________________________________________________________

2. __________________________________________________________________________

3. __________________________________________________________________________

4. __________________________________________________________________________

5. __________________________________________________________________________

6. __________________________________________________________________________

7. __________________________________________________________________________

8. __________________________________________________________________________

9. __________________________________________________________________________

10. __________________________________________________________________________
• **Education and Supervised Procedure Requirements for Credentialing Nurse Practitioners/Physician Assistants:**

  • **Initial Procedural Credentialing:** All NPs/PAs without prior procedural privileges must complete the relevant MASTRI (Simulation program) procedural training and then demonstrate successful completion of the minimum number of supervised, required procedures, prior to requesting the procedural privileges.

  • **Re-Credentialing or Newly Hired NPs with MBON approval for procedure (outside facility):**

  • **NP/PA not having documentation of 10 successful (uncomplicated) procedural competencies** must attend the MASTRI program and re-credential at the minimum number of supervised procedures requested.

<table>
<thead>
<tr>
<th>Procedure</th>
<th>Education program</th>
<th>Minimum number of supervised procedures prior to credentialing</th>
</tr>
</thead>
<tbody>
<tr>
<td>Arterial Pressure Monitoring Catheters</td>
<td>Successfully completes MASTRI Arterial line-specific training and waveform interpretation clinical skills workshop</td>
<td>5</td>
</tr>
<tr>
<td>Central Venous Catheters</td>
<td>Successfully completes MASTRI CVC-specific training</td>
<td>5</td>
</tr>
<tr>
<td>Incision and Drainage of abscess</td>
<td>Successful completion of I&amp;D training first</td>
<td>3</td>
</tr>
<tr>
<td>Intra-Aortic Balloon Pump Removal</td>
<td>Didactic education obtained from collaborating physician or designee</td>
<td>5</td>
</tr>
<tr>
<td>Lumbar Puncture</td>
<td>Successfully completes MASTRI training first</td>
<td>5</td>
</tr>
<tr>
<td>Open Thoracostomy Tubes</td>
<td>Successfully completes MASTRI Thoracostomy tube insertion training</td>
<td>8</td>
</tr>
<tr>
<td>Paracentesis</td>
<td>Successfully completes MASTRI training first</td>
<td>5</td>
</tr>
<tr>
<td>Pulmonary Artery Catheters</td>
<td>Successfully completes MASTRI PA catheter training</td>
<td>8</td>
</tr>
<tr>
<td>Seldinger (pig-tail) Thoracostomy tubes</td>
<td>Successfully completes MASTRI Seldinger insertion training</td>
<td>5</td>
</tr>
<tr>
<td>Suturing-wound closure</td>
<td>Successful completion of Suture Workshop and then demonstration of wound closure</td>
<td>5</td>
</tr>
<tr>
<td>Thoracentesis</td>
<td>Successfully completes MASTRI Thoracentesis training</td>
<td>8</td>
</tr>
</tbody>
</table>
NP Fellowship

- 9 months in duration

- Dual tracks: STC or Critical Care Medicine

- Weekly didactic day (grand rounds, specialty lectures, case studies, EBP project work, procedural workshops)

- MNA accredited

- Practicing APPs participate in many aspects
Simulation Lab/NP Fellows
· Rutherford-Hemming T, Jennrich JA. Using standardized patients to strengthen nurse practitioner competency in the clinical setting. Nursing Education Perspectives. 2013;34(2):118-121
· Ackerman MH, Mick D, Witzel P. Creating and orginizational model to support advanced practice. JONA. 2010;40(2):63-68