



Division of Public Health Services

Office of the Assistant Director

Public Health Preparedness Services

Bureau of Emergency Medical Services and Trauma System

150 N. 18th Avenue, Suite 540
Phoenix, Arizona 85007
(602) 364-3150 / 1-800-200-8523
(602) 364-3568 FAX

DOUGLAS A. DUCEY, GOVERNOR
CARA M. CHRIST, MD, DIRECTOR

EDUCATION STANDING COMMITTEE

Date: July 16, 2015 - **Time:** 10:30 A.M.

Location: 150 N. 18th Ave., Conference Rooms 215 A&B

Conference Call: 1-877-820-7831 - **Code:** 450908#

iLinc URL: <https://azdhsems.ilinc.com/join/xcphsxt>

You must register prior to the meeting to join the web conference session.

AGENDA

- I. Call to Order – Gail Bradley, MD, Chair
- II. Roll Call – Jennifer Herbert (13 Members, 7 required for quorum)
- III. Chairman’s Report – Gail Bradley, MD
 - a. Attendance report (Attachment III. a.)
- IV. Bureau Report – Doug Crunk
 - a. Rules update
 - b. Arizona State Board for Private Postsecondary Education “Operating Without a License” – Terry Mullins
- V. Discussion and Action Items
 - a. Discuss, amend, and approve Education meeting minutes of March 19, 2015 (Attachment V.a.)
 - b. Discuss AZ Post/EMT Administration of Naloxone Guidance Document, H.B. 2489 – Gail Bradley, MD
 - c. Discuss, amend, approve Table 5.1, Scope of Practice, STR changes – Brian Smith & Orlando Alcorido (Attachment V.c.)
- VI. Agenda Items for Next Meeting
- VII. Call to the Public: A public body may make an open call to the public during a public meeting, subject to reasonable time, place and manner restrictions, to allow individuals to address the public body on any issue within the jurisdiction of the public body. At the conclusion of an open

Persons with disabilities may request reasonable accommodations such as a sign language interpreter, by contacting Angie McNamara, Administrative Assistant II, 602-364-3156; State TDD Number 1-800-367-8939; or Voice Relay Number 711. Request should be made as early as possible to allow time to arrange accommodations.

“Health and Wellness for all Arizonans”

call to the public, individual members of the public body may respond to criticism made by those who have addressed the public body, may ask staff to review a matter, or may ask that a matter be put on a future agenda. Members of the public body shall not discuss or take legal action on matters raised during an open call to the public unless the matters are properly noticed for discussion and legal action. A.R.S. § 38-431.01 (G).

Members of the public body may present a brief summary of current events. Members of the public body shall not propose, discuss, deliberate, or take legal action on matters raised during a summary of current events unless the matters are properly noticed for discussion and legal action.

VI. Summary of Current Events

- a. July 30-31, 2015: SW Regional Trauma Conference. J.W. Marriott Starr Pass Resort and Spa, Tucson
- b. November 2-4, 2015: National Pediatric Disaster Conference. Camelback Inn Resort and Spa, Scottsdale
- c. November 5 – 6, 2015: Emergency Pediatric Interdisciplinary Care (EPIC) Conference – Desert Diamond Casino, Sahuarita, AZ 85629
- d. November 6-7, 2015: Pediatric Trauma Society Meeting. OMNI Resort & Spa Montelucia, Scottsdale
- e. November 12-13, 2015: Southwest Trauma and Acute care symposium (STACS). Talking Stick Resort, Scottsdale
- f. 2015: Emergency Pediatric Interfacility Conference (EPIC). Tucson

VIII. Next Meeting: November 19, 2015, 10:30 AM at 150 N. 18th Avenue, Rooms 215 A&B

IX. Adjournment

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“Health and Wellness for all Arizonans”

Minutes Draft

EDUCATION STANDING COMMITTEE

Date: March 19, 2015 - **Time:** 10:30 AM

Location: 150 N. 18th Ave., Conference Room 540A

Meeting Minutes

- I. Call to Order – Brian Smith, Vice Chair. Meeting was called to order at 10:40 AM
- II. Roll Call – Brian Smith (13 Members, 7 required for quorum). A quorum was present.
- | <u>Members Present</u> | | <u>Members Absent</u> |
|------------------------|-----------------------|-----------------------|
| Brian Smith | Mark Venuti | Paul Honeywell |
| Chester Key* | Orlando Alcordo | Brenda Sutton |
| Gail Bradley, MD | Sandy Nygaard | |
| Glenn Kasprzyk* | Sharon Hollingsworth* | |
| Jerry Stein* | Terry Mason | |
- *Indicates teleconference
- III. Chairman’s Report – Brian Smith, Vice-Chair
- Attendance report. The attendance report was reviewed and there were no comments.
 - Office of Administrative Council (OAC) resource review and updates - Ruthann Smejkal, (OAC)
- IV. Bureau Report – Doug Crunk
- Rules update
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- Discuss, amend, and approve Education meeting minutes of July 17, 2014. Mark Venuti made the motion to approve the minutes as presented, seconded by Gail Bradley, MD. The **motion carries**.
 - Discuss and amend the Education Guidance Documents – Mark Venuti. Mark Venuti made to the motion to delete the GD-095C-PAP 2015 curriculum, seconded by Terry Mason. The **motion carries**. The review of the remaining documents was tabled to next meeting July 16, 2015. Document GD’s 64, 81, 88, 92, and 94 are to be sent to all members and then returned to Administrative Council by the end of next week March 25, 2015. Orlando Alcordo and Brian Smith have volunteered to review all STR’s in table 5.1, Scope of Practice, in reference to the guidance documents and bring them back to the Education Committee July 16, 2015.
 - Discuss “Operating without a license” – Orlando Alcordo. A discussion ensued. Terry Mullins, Bureau Chief, agreed to review with Legislative Liaison and bring back as a Bureau Report for the next meeting July 16, 2015.
- VI. Reports: No comments
- VII. Agenda Items for Next Meeting
- Revised guidance documents for review
 - Review all STR’s in reference to the need of guidance documents – Orlando Alcordo
 - Arizona State Board for Private Postsecondary Education “Operating without a License” – Terry Mullins (Bureau Report)

VIII. Call to the Public: No comments

VI. Summary of Current Events

- a. June 11-12, 2015: EMS Odyssey. Desert Willow Conference Center. Phoenix
- b. July 15-17, 2015: Western Pediatric Trauma Conference. Park City, Utah
- c. July 30-31, 2015: SW Regional Trauma Conference. J.W. Marriott Starr Pass Resort and Spa, Tucson
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- e. November 6-7, 2015: Pediatric Trauma Society Meeting. OMNI Resort & Spa Montelucia, Scottsdale
- f. November 12-13, 2015: Southwest Trauma and Acute care symposium (STACS). Talking Stick Resort, Scottsdale

IX. Next Meeting: July 16, 2015, 10:30 AM at 150 N. 18th Avenue, Room 215A & 215B

X. Adjournment: 11:45 AM

Approved by the Education Subcommittee

Date:

Committee Attendance Report

Education Standing Committee

| | | Present | Tele | Absent |
|----------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|
| Brenda Sutton | AEMS Representative | | | |
| | 2/2/2012 | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| | 5/24/2012 | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| | 11/15/2012 | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| | 3/21/2013 | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| | 7/18/2013 | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| | 11/21/2013 | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| | 3/20/2014 | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| | 7/17/2014 | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 3/19/2015 | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | |
| Brian Smith | Vice Chair/NAEMS Representative | | | |
| | 2/2/2012 | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| | 5/24/2012 | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| | 11/15/2012 | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| | 3/21/2013 | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
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| | 3/20/2014 | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| | 7/17/2014 | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 3/19/2015 | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| Chester Key | WACEMS Representative | | | |
| | 2/2/2012 | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| | 5/24/2012 | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| | 11/15/2012 | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| | 3/21/2013 | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
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| | 7/17/2014 | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 3/19/2015 | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| Gail Bradley | AEMS Representative (MDC Liaison) | | | |
| | 11/15/2012 | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| | 3/21/2013 | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| | 7/18/2013 | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
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| 7/17/2014 | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| 3/19/2015 | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| Glenn Kasprzyk | Chair/NAEMS Representative (EMS Cou | | | |
| | 2/2/2012 | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| | 5/24/2012 | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| | 11/15/2012 | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
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| 7/17/2014 | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| 3/19/2015 | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |

Education Standing Committee

| | | Present | Tele | Absent |
|---------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|
| Jerry Stein | WACEMS Representative | | | |
| | 2/2/2012 | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| | 5/24/2012 | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| | 11/15/2012 | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
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| 3/19/2015 | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| Mark Venuti | NAEMS Representative (STAB Liaison) | | | |
| | 2/2/2012 | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| | 5/24/2012 | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| | 11/15/2012 | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
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| 3/19/2015 | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| Orlando Alcordo | AEMS Representative | | | |
| | 2/2/2012 | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
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| Paul Honeywell | NAEMS Representative | | | |
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| Sandy Nygaard | AEMS Representative | | | |
| | 2/2/2012 | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
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| Sharon Hollingswort | SAEMS Representative | | | |
| | 11/15/2012 | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
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Education Standing Committee

Present Tele Absent

Sharon Hollingsworth SAEMS Representative

11/21/2013

3/20/2014

7/17/2014

3/19/2015

Terence Mason AEMS Representative

3/20/2014

7/17/2014

3/19/2015

Minutes Draft

EDUCATION STANDING COMMITTEE

Date: March 19, 2015 - **Time:** 10:30 AM

Location: 150 N. 18th Ave., Conference Room 540A

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IX. Next Meeting: July 16, 2015, 10:30 AM at 150 N. 18th Avenue, Room 215A & 215B

X. Adjournment: 11:45 AM

Approved by the Education Subcommittee

Date:

Table 5.1. Arizona Scope of Practice Skills**KEY:**

✓ = Arizona Scope of Practice skill

STR = Specialty Training Requirement: Skill requires specific specialty training with medical director authorization and involvement

* = Already intubated

| Airway/Ventilation/Oxygenation | | EMT | AEMT | EMT-I(99) | Paramedic |
|--------------------------------|--|-----|------|-----------|-----------|
| | Airway- esophageal | STR | ✓ | ✓ | ✓ |
| | Airway- supraglottic | STR | ✓ | STR | ✓ |
| | Airway- nasal | ✓ | ✓ | ✓ | ✓ |
| | Airway- oral | ✓ | ✓ | ✓ | ✓ |
| | Bag-valve-mask (BVM) | ✓ | ✓ | ✓ | ✓ |
| | BiPAP/CPAP | | | | ✓ |
| | Chest decompression- needle | | | ✓ | ✓ |
| | Chest tube placement- assist only | | | | STR |
| | Chest tube monitoring and management | | | | STR |
| | Cricoid pressure (Sellick's maneuver) | ✓ | ✓ | ✓ | ✓ |
| | Cricothyrotomy- needle | | | STR | ✓ |
| | Cricothyrotomy- percutaneous | | | STR | ✓ |
| | Cricothyrotomy- surgical | | | STR | STR |
| | Demand valve- manually triggered ventilation | ✓ | ✓ | ✓ | ✓ |
| | End tidal CO2 monitoring/capnography | | | ✓ | ✓ |
| | Gastric decompression- NG tube | | | ✓ | ✓ |
| | Gastric decompression- OG tube | | | ✓ | ✓ |
| | Head-tilt chin lift | ✓ | ✓ | ✓ | ✓ |
| | Intubation- nasotracheal | | | STR | ✓ |
| | Intubation- orotracheal | STR | STR | ✓ | ✓ |
| | Jaw-thrust | ✓ | ✓ | ✓ | ✓ |
| | Jaw-thrust – modified (trauma) | ✓ | ✓ | ✓ | ✓ |
| | Medication Assisted Intubation (paralytics) | | | | STR |
| | Mouth-to-barrier | ✓ | ✓ | ✓ | ✓ |
| | Mouth-to-mask | ✓ | ✓ | ✓ | ✓ |
| | Mouth-to-mouth | ✓ | ✓ | ✓ | ✓ |
| | Mouth-to-nose | ✓ | ✓ | ✓ | ✓ |
| | Mouth-to-stoma | ✓ | ✓ | ✓ | ✓ |
| | Obstruction- direct laryngoscopy | | | ✓ | ✓ |
| | Obstruction- manual | ✓ | ✓ | ✓ | ✓ |
| | Oxygen therapy- humidifiers | ✓ | ✓ | ✓ | ✓ |

Attachment V.c.

| | | | | | |
|---|--|------------|-------------|-------------------|------------------|
| | Oxygen therapy- nasal cannula | ✓ | ✓ | ✓ | ✓ |
| | Oxygen therapy- non-rebreather mask | ✓ | ✓ | ✓ | ✓ |
| | Oxygen therapy- partial rebreather mask | ✓ | ✓ | ✓ | ✓ |
| | Oxygen therapy- simple face mask | ✓ | ✓ | ✓ | ✓ |
| | Oxygen therapy- venturi mask | ✓ | ✓ | ✓ | ✓ |
| | PEEP- therapeutic | | | ✓ | ✓ |
| | Pulse oximetry | ✓ | ✓ | ✓ | ✓ |
| | Suctioning- upper airway | ✓ | ✓ | ✓ | ✓ |
| | Suctioning- tracheobronchial | | ✓* | ✓ | ✓ |
| | Automated transport ventilator | STR | STR | ✗ | ✗ |
| Cardiovascular/Circulation | | EMT | AEMT | EMT-I (99) | Paramedic |
| | Cardiac monitoring- multiple lead (interpretive) | | | ✓ | ✓ |
| | Cardiac monitoring- single lead (interpretive) | | | ✓ | ✓ |
| | Cardiac - multiple lead acquisition (non-interpretive) | STR | STR | ✓ | ✓ |
| | Cardiopulmonary resuscitation | ✓ | ✓ | ✓ | ✓ |
| | Cardioversion- electrical | | | ✓ | ✓ |
| | Carotid massage – (≤17 years) | | | STR | STR |
| | Defibrillation- automatic/semi-automatic | ✓ | ✓ | ✓ | ✓ |
| | Defibrillation- manual | | | ✓ | ✓ |
| | Hemorrhage control- direct pressure | ✓ | ✓ | ✓ | ✓ |
| | Hemorrhage control- tourniquet | ✓ | ✓ | ✓ | ✓ |
| | Internal; cardiac pacing- monitoring only | | | ✓ | ✓ |
| | Mechanical CPR device | STR | STR | STR | STR |
| | Transcutaneous pacing- manual | | | ✓ | ✓ |
| Immobilization | | EMT | AEMT | EMT-I (99) | Paramedic |
| | Spinal immobilization- cervical collar | ✓ | ✓ | ✓ | ✓ |
| | Spinal immobilization- long board | ✓ | ✓ | ✓ | ✓ |
| | Spinal immobilization- manual | ✓ | ✓ | ✓ | ✓ |
| | Spinal immobilization- seated patient (KED,etc.) | ✓ | ✓ | ✓ | ✓ |
| | Spinal immobilization- rapid manual extrication | ✓ | ✓ | ✓ | ✓ |
| | Extremity stabilization- manual | ✓ | ✓ | ✓ | ✓ |
| | Extremity splinting | ✓ | ✓ | ✓ | ✓ |
| | Splint- traction | ✓ | ✓ | ✓ | ✓ |
| | Mechanical patient restraint | ✓ | ✓ | ✓ | ✓ |
| | Emergency moves for endangered patients | ✓ | ✓ | ✓ | ✓ |
| Medication administration - routes | | EMT | AEMT | EMT-I (99) | Paramedic |

Attachment V.c.

| | | | | | |
|---|---|------------|-------------|-------------------|------------------|
| | Assisting patient with his/her own prescribed medications (aerosolized/nebulized) | ✓ | ✓ | ✓ | ✓ |
| | Assisting patient with his/her own prescribed medications (ASA/Nitro) | ✓ | ✓ | ✓ | ✓ |
| | Aerosolized/nebulized (beta agonist) | STR | ✓ | ✓ | ✓ |
| | Buccal | STR | ✓ | ✓ | ✓ |
| | Endotracheal tube | | | ✓ | ✓ |
| | Inhaled self-administered (nitrous oxide) | | ✓ | ✓ | ✓ |
| | Intradermal | | | | ✓ |
| | Intramuscular (including patient assisted hydrocortisone) | | ✓ | ✓ | ✓ |
| | Intranasal | | ✓ | ✓ | ✓ |
| | Intravenous push | | ✓ | ✓ | ✓ |
| | Intravenous piggyback | | | ✓ | ✓ |
| | Intraosseous | | STR | ✓ | ✓ |
| | Nasogastric | | | | ✓ |
| | Oral | ✓ | ✓ | ✓ | ✓ |
| | Rectal | | STR | ✓ | ✓ |
| | Subcutaneous | | ✓ | ✓ | ✓ |
| | Sublingual | | ✓ | ✓ | ✓ |
| | Auto-injector (self or peer) | ✓ | ✓ | ✓ | ✓ |
| | Auto-injector (patient's own prescribed medications) | ✓ | ✓ | ✓ | ✓ |
| IV initiation/maintenance fluids | | EMT | AEMT | EMT-I (99) | Paramedic |
| | Access indwelling catheters and implanted central IV ports | | | | ✓ |
| | Central line- monitoring | | | | ✓ |
| | Intraosseous- initiation | | ✓ | ✓ | ✓ |
| | Intravenous access | | ✓ | ✓ | ✓ |
| | Intravenous initiation- peripheral | STR | ✓ | ✓ | ✓ |
| | Intravenous- maintenance of non-medicated IV fluids | ✓ | ✓ | ✓ | ✓ |
| | Intravenous- maintenance of medicated IV fluids | | | ✓ | ✓ |
| | Umbilical initiation | | | | STR |
| Miscellaneous | | EMT | AEMT | EMT-I (99) | Paramedic |
| | Assisted delivery (childbirth) | ✓ | ✓ | ✓ | ✓ |
| | Assisted complicated delivery (childbirth) | ✓ | ✓ | ✓ | ✓ |
| | Blood glucose monitoring | ✓ | ✓ | ✓ | ✓ |
| | Blood pressure- automated | ✓ | ✓ | ✓ | ✓ |
| | Blood pressure- manual | ✓ | ✓ | ✓ | ✓ |
| | Eye irrigation | ✓ | ✓ | ✓ | ✓ |
| | Eye irrigation (Morgan lens) | | | | STR |

Attachment V.c.

| | | | | | |
|--|--|---------------------|---------------------|---------------------|---------------------|
| | Thrombolytic therapy- initiation | | | | STR |
| | Urinary catheterization | | | | STR |
| | Venous blood sampling | | | ✓ | ✓ |
| | Wound Packing | STR | STR | STR | STR |
| | Blood chemistry analysis | | | | STR |
| | Inter-facility med transport list, including pump administration \ | | | STR | STR |

| Arizona Table 5.1 Scope of Practice | | Unofficial Working Document Only |
|---|---|---|
| STR - Specialty Training Requirement | | |
| EMT | | STR |
| | Airway- esophageal | ✓ |
| | Airway- supraglottic | ✓ |
| | Automated transport ventilator (ATV) | ✓ |
| | Intubation- orotracheal | ✓ |
| | Cardiac- multiple lead acquisition (non-interpretative) | ✓ |
| | Mechanical CPR device | ✓ |
| | Aerosolized/nebulized (beta agonist) | ✓ |
| | Buccal | ✓ |
| | Intravenous initiation- peripheral | ✓ |
| AEMT | | STR |
| | Automated transport ventilator (ATV) | ✓ |
| | Intubation- orotracheal | ✓ |
| | Cardiac- multiple lead acquisition (non-interpretative) | ✓ |
| | Mechanical CPR device | ✓ |
| | Intraosseous | ✓ |
| | Rectal | ✓ |
| EMT - I (99) | | STR |
| | Cricothyrotomy - surgical | ✓ |
| | Intubation- nasotracheal | ✓ |
| | Carotid massage (\leq 17years) | ✓ |
| | Mechanical CPR device | ✓ |
| | Intradermal | ✓ |
| PARAMEDIC | | STR |
| | Chest tube placement - assist only | ✓ |
| | Chest tube monitoring and management | ✓ |
| | Cricothyrotomy - surgical | ✓ |
| | Medication Assisted Intubation (paralytics) | ✓ |
| | Carotid massage (< 17years) | ✓ |
| | Mechanical CPR device | ✓ |
| | Intradermal | ✓ |
| | Umbilical initiation | ✓ |
| | Eye irrigation (Morgan lens) | ✓ |
| | Thrombolytic therapy- initiation | ✓ |
| | Urinary catheterization | ✓ |
| | Venous blood sampling | ✓ |
| | Blood chemistry analysis | ✓ |
| | | |

Table 5.1. Arizona Scope of Practice Skills**KEY:**

✓ = Arizona Scope of Practice skill

STR = Specialty Training Requirement: Skill requires specific specialty training with medical director authorization and involvement

* = Already intubated

| Airway/Ventilation/Oxygenation | | EMT | AEMT | EMT-I(99) | Paramedic |
|--------------------------------|--|-----|------|-----------|-----------|
| | Airway- esophageal | STR | ✓ | ✓ | ✓ |
| | Airway- supraglottic | STR | ✓ | STR | ✓ |
| | Airway- nasal | ✓ | ✓ | ✓ | ✓ |
| | Airway- oral | ✓ | ✓ | ✓ | ✓ |
| | Bag-valve-mask (BVM) | ✓ | ✓ | ✓ | ✓ |
| | BiPAP/CPAP | | | | ✓ |
| | Chest decompression- needle | | | ✓ | ✓ |
| | Chest tube placement- assist only | | | | STR |
| | Chest tube monitoring and management | | | | STR |
| | Cricoid pressure (Sellick's maneuver) | ✓ | ✓ | ✓ | ✓ |
| | Cricothyrotomy- needle | | | STR | ✓ |
| | Cricothyrotomy- percutaneous | | | STR | ✓ |
| | Cricothyrotomy- surgical | | | STR | STR |
| | Demand valve- manually triggered ventilation | ✓ | ✓ | ✓ | ✓ |
| | End tidal CO2 monitoring/capnography | | | ✓ | ✓ |
| | Gastric decompression- NG tube | | | ✓ | ✓ |
| | Gastric decompression- OG tube | | | ✓ | ✓ |
| | Head-tilt chin lift | ✓ | ✓ | ✓ | ✓ |
| | Intubation- nasotracheal | | | STR | ✓ |
| | Intubation- orotracheal | STR | STR | ✓ | ✓ |
| | Jaw-thrust | ✓ | ✓ | ✓ | ✓ |
| | Jaw-thrust – modified (trauma) | ✓ | ✓ | ✓ | ✓ |
| | Medication Assisted Intubation (paralytics) | | | | STR |
| | Mouth-to-barrier | ✓ | ✓ | ✓ | ✓ |
| | Mouth-to-mask | ✓ | ✓ | ✓ | ✓ |
| | Mouth-to-mouth | ✓ | ✓ | ✓ | ✓ |
| | Mouth-to-nose | ✓ | ✓ | ✓ | ✓ |
| | Mouth-to-stoma | ✓ | ✓ | ✓ | ✓ |
| | Obstruction- direct laryngoscopy | | | ✓ | ✓ |
| | Obstruction- manual | ✓ | ✓ | ✓ | ✓ |
| | Oxygen therapy- humidifiers | ✓ | ✓ | ✓ | ✓ |

Attachment V.c.

| | | | | | |
|---|--|------------|-------------|-------------------|------------------|
| | Oxygen therapy- nasal cannula | ✓ | ✓ | ✓ | ✓ |
| | Oxygen therapy- non-rebreather mask | ✓ | ✓ | ✓ | ✓ |
| | Oxygen therapy- partial rebreather mask | ✓ | ✓ | ✓ | ✓ |
| | Oxygen therapy- simple face mask | ✓ | ✓ | ✓ | ✓ |
| | Oxygen therapy- venturi mask | ✓ | ✓ | ✓ | ✓ |
| | PEEP- therapeutic | | | ✓ | ✓ |
| | Pulse oximetry | ✓ | ✓ | ✓ | ✓ |
| | Suctioning- upper airway | ✓ | ✓ | ✓ | ✓ |
| | Suctioning- tracheobronchial | | ✓* | ✓ | ✓ |
| | Automated transport ventilator | STR | STR | ✗ | ✗ |
| Cardiovascular/Circulation | | EMT | AEMT | EMT-I (99) | Paramedic |
| | Cardiac monitoring- multiple lead (interpretive) | | | ✓ | ✓ |
| | Cardiac monitoring- single lead (interpretive) | | | ✓ | ✓ |
| | Cardiac - multiple lead acquisition (non-interpretive) | STR | STR | ✓ | ✓ |
| | Cardiopulmonary resuscitation | ✓ | ✓ | ✓ | ✓ |
| | Cardioversion- electrical | | | ✓ | ✓ |
| | Carotid massage – (≤17 years) | | | STR | STR |
| | Defibrillation- automatic/semi-automatic | ✓ | ✓ | ✓ | ✓ |
| | Defibrillation- manual | | | ✓ | ✓ |
| | Hemorrhage control- direct pressure | ✓ | ✓ | ✓ | ✓ |
| | Hemorrhage control- tourniquet | ✓ | ✓ | ✓ | ✓ |
| | Internal; cardiac pacing- monitoring only | | | ✓ | ✓ |
| | Mechanical CPR device | STR | STR | STR | STR |
| | Transcutaneous pacing- manual | | | ✓ | ✓ |
| Immobilization | | EMT | AEMT | EMT-I (99) | Paramedic |
| | Spinal immobilization- cervical collar | ✓ | ✓ | ✓ | ✓ |
| | Spinal immobilization- long board | ✓ | ✓ | ✓ | ✓ |
| | Spinal immobilization- manual | ✓ | ✓ | ✓ | ✓ |
| | Spinal immobilization- seated patient (KED,etc.) | ✓ | ✓ | ✓ | ✓ |
| | Spinal immobilization- rapid manual extrication | ✓ | ✓ | ✓ | ✓ |
| | Extremity stabilization- manual | ✓ | ✓ | ✓ | ✓ |
| | Extremity splinting | ✓ | ✓ | ✓ | ✓ |
| | Splint- traction | ✓ | ✓ | ✓ | ✓ |
| | Mechanical patient restraint | ✓ | ✓ | ✓ | ✓ |
| | Emergency moves for endangered patients | ✓ | ✓ | ✓ | ✓ |
| Medication administration - routes | | EMT | AEMT | EMT-I (99) | Paramedic |

Attachment V.c.

| | | | | | |
|--|---|------------|-------------|-------------------|------------------|
| | Assisting patient with his/her own prescribed medications (aerosolized/nebulized) | ✓ | ✓ | ✓ | ✓ |
| | Assisting patient with his/her own prescribed medications (ASA/Nitro) | ✓ | ✓ | ✓ | ✓ |
| | Aerosolized/nebulized (beta agonist) | STR | ✓ | ✓ | ✓ |
| | Buccal | STR | ✓ | ✓ | ✓ |
| | Endotracheal tube | | | ✓ | ✓ |
| | Inhaled self-administered (nitrous oxide) | | ✓ | ✓ | ✓ |
| | Intradermal | | | | ✓ |
| | Intramuscular (including patient assisted hydrocortisone) | | ✓ | ✓ | ✓ |
| | Intranasal | | ✓ | ✓ | ✓ |
| | Intravenous push | | ✓ | ✓ | ✓ |
| | Intravenous piggyback | | | ✓ | ✓ |
| | Intraosseous | | STR | ✓ | ✓ |
| | Nasogastric | | | | ✓ |
| | Oral | ✓ | ✓ | ✓ | ✓ |
| | Rectal | | STR | ✓ | ✓ |
| | Subcutaneous | | ✓ | ✓ | ✓ |
| | Sublingual | | ✓ | ✓ | ✓ |
| | Auto-injector (self or peer) | ✓ | ✓ | ✓ | ✓ |
| | Auto-injector (patient's own prescribed medications) | ✓ | ✓ | ✓ | ✓ |
| | IV initiation/maintenance fluids | EMT | AEMT | EMT-I (99) | Paramedic |
| | Access indwelling catheters and implanted central IV ports | | | | ✓ |
| | Central line- monitoring | | | | ✓ |
| | Intraosseous- initiation | | ✓ | ✓ | ✓ |
| | Intravenous access | | ✓ | ✓ | ✓ |
| | Intravenous initiation- peripheral | STR | ✓ | ✓ | ✓ |
| | Intravenous- maintenance of non-medicated IV fluids | ✓ | ✓ | ✓ | ✓ |
| | Intravenous- maintenance of medicated IV fluids | | | ✓ | ✓ |
| | Umbilical initiation | | | | STR |
| | Miscellaneous | EMT | AEMT | EMT-I (99) | Paramedic |
| | Assisted delivery (childbirth) | ✓ | ✓ | ✓ | ✓ |
| | Assisted complicated delivery (childbirth) | ✓ | ✓ | ✓ | ✓ |
| | Blood glucose monitoring | ✓ | ✓ | ✓ | ✓ |
| | Blood pressure- automated | ✓ | ✓ | ✓ | ✓ |
| | Blood pressure- manual | ✓ | ✓ | ✓ | ✓ |
| | Eye irrigation | ✓ | ✓ | ✓ | ✓ |
| | Eye irrigation (Morgan lens) | | | | STR |

Attachment V.c.

| | | | | | |
|--|--|---------------------|---------------------|---------------------|---------------------|
| | Thrombolytic therapy- initiation | | | | STR |
| | Urinary catheterization | | | | STR |
| | Venous blood sampling | | | ✓ | ✓ |
| | Wound Packing | STR | STR | STR | STR |
| | Blood chemistry analysis | | | | STR |
| | Inter-facility med transport list, including pump administration \ | | | STR | STR |