



**PROTOCOLS, MEDICATIONS & DEVICES (PMD)
STANDING COMMITTEE**

Date: July 21, 2016 - **Time:** 12:00 PM

Location: 1740 W. Adams Room 05 (Lower Level)

Conference Call: 1-877-888-5513 - **Code:** 4867276#

iLinc URL: <https://azdhsems.ilinc.com/register/zvhkcx5>

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

AGENDA

- I. Call to Order – Toni Gross, MD, Chair
- II. Roll Call – (13 Members, 7 required for quorum)
- III. Chairman’s Report – Toni Gross, MD
 - a. Attendance report (Attachment III. a.)
 - i. Welcome new member Brian Smith, EMS Council Liaison
 - b. Update from May MDC meeting
- IV. Bureau Report – Noreen Adlin
 - a. Rules update – Trauma rules revision started
- V. Discussion and Action Items
 - a. Discuss, amend, approve, PMD minutes of March 17, 2016 (Attachment V. a.)
 - b. Discuss, amend, approve Triage, Transport and Treat Guidelines (Toni Gross)
 - c. Discuss, approve adding End tidal CO2 monitoring/capnography to EMT scope of practice in Table 5.1 (Josh Gaither)(Attachment V. c.)
 - d. Discuss prehospital use of dopamine (Franco Castro-Marin)
 - e. Discuss prehospital use of ketamine (Gail Bradley)
- 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 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.

VIII. Summary of Current Events

- a. 27th Annual Southwest Trauma Conference, Presented by the University of Arizona and Banner- University Medical Center August 4 – 5, 2016 – JW Marriott Starr Pass, Tucson
<https://www.facebook.com/swtrauma/posts/1712960188984114>
- b. November 10 – 11, 2016 – 8th Annual Southwest Trauma and Acute Care Symposium
<http://www.aztracc.org/symposium/>

IX. Next Meetings: November 17, 2016 @ 12:00 PM, Rooms 215A&B, 150 N. 18th Ave

X. Adjournment

Persons with disabilities may request reasonable accommodations such as a sign language interpreter, by Angie McNamara, Program Project Specialist 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”

PROTOCOLS, MEDICATIONS & DEVICES (PMD) STANDING COMMITTEE

Date: March 17, 2016 - **Time:** 12:00 PM

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

Meeting Minutes - DRAFT

- I. Call to Order – Toni Gross, MD, Chair. Meeting was called to order at 11:57 pm
- II. Roll Call – Angie McNamara, (13 Members, 7 required for quorum). A quorum was present.

Members Present

Gail Bradley, MD
Garth Gemar, MD
Heather Miller, RN
Jason Johnson, MD
Josh Gaither, MD
Robert Jarvis
Terence Mason, RN
Toni Gross, MD

Franco Castro-Marin, MD
Neil Gago
Chester Key

Members Absent

Peter Rhee, MD

*indicates member participated telephonically

- III. Chairman’s Report – Toni Gross, MD
 - a. Attendance report
 - i. New member: Chester Key, Dr. Franco Marin
 - ii. Awaiting member appointment for EMS Council
 - b. Update from January MDC meeting
Motion to add TXA to the drug box did not pass at the MDC meeting
 - c. Mechanism for creating agenda items
Dr. Gross asked members to send all future agenda items to be considered to her via email and to copy Noreen Adlin. Someone needs to volunteer to present the agenda item at the next meeting with supporting documents
- IV. Bureau Report – Noreen Adlin
 - a. Rules update
Nothing to report on rules
Noreen congratulated Phoenix Children’s Hospital as the newest Base Hospital with the Specialty of being able to give on-line Medical Direction for Pediatric specific calls
 - b. Drug shortage
 - i. Potential pre-hospital Epinephrine 1:10:000 shortage
 - ii. Drug Shortage Guidance Document was reintroduced
Document copies were provided to all members’ and website link to the document also provided:
<http://azdhs.gov/preparedness/emergency-medical-services-trauma-system/index.php#drug-profiles>
- V. Discussion and Action Items
 - a. Dr. Gross asked for a motion to approve the PMD minutes of November 19, 2015. Terry Mason made a motion to approve the minutes as presented and Dr. Franco Marin seconded the motion. **Motion carries and Minutes are approved as presented**
 - b. Dr. Gross asked for a motion to approve the Lidocaine for IO Pain Management Drug Profile with edits. Dr. Bradley made a motion to discuss. Discussion ensued. Dr Gail Bradley made a motion to approve with proposed amendments and Dr. Garth Gemar seconded the motion. **Motion Carries**
 - c. Discuss Tissue Plasminogen Activator (TPA) for prehospital use – John Gallagher, MD

Dr. Gallagher presented potential project for Phoenix Fire Depart to partner with St. Joseph's to develop a mobile CAT scan unit which may require adding TPA to the paramedic drug box.

Discussion ensues, Dr. Gallagher will re-engage with this committee to review in the near future.

- d. Discuss, amend, approve revising TTTGs – Toni Gross, MD
 - i. Dr. Gross asked for a motion to approve the Adult & Pediatric Shock - Dr. Bradley made a motion to approve with edits, Dr. Gemar seconded the motion, **Motion Carries**
 - ii. Dr. Gross asked for a motion to approve the Adult & Pediatric Seizures - Dr. Johnson made a motion to approve with edits, Dr. Bradley seconded the motion, **Motion Carries**
 - iii. Dr. Gross asked for a motion to approve the Post-Resuscitation of Circulation (ROSC) Care and Transport to Cardiac Receiving Center - Dr. Gaither made a motion to approve with edits, Dr. Castro-Marin seconded the motion, **Motion Carries**
 - iv. Dr. Gross asked for a motion to approve the Adult & Pediatric Difficulty Breathing – Bronchospasm - Dr. Bradley made a motion to approve with edits, Terry Mason seconded the motion, **Motion Carries**
- e. Terry Mullins asked the committee to consider forming a workgroup to develop a protocol for EMS providers encountering a Living Will or other medical directive form – Terry Mullins
Dr. Gemar, Sandy Nygaard, Dr. Bradley, and Terry Mason, volunteered for the workgroup.
- f. Discuss and approve changing the minimum supplies of the following in Table 5.2:
 - i. Dr. Gross asked for a motion to approve decreasing the Glucagon minimum supply for 2 mg to 1 mg. – Dr. Bradley made a motion to discuss, Neil Gago seconded the motion, discussion ensues
 - ii. Dr. Gross asked for a motion to approve changing Thiamine to optional an agent- Dr. Bradley made a motion to discuss, Neil Gago seconded the motion, discussion ensues
 - iii. Dr. Gross asked for a motion to approve changing the minimum supply of Atropine from 3mg to 1mg - Dr. Bradley made a motion to discuss, Neil Gago seconded the motion, discussion ensues,
 - iv. Dr. Gross asked for a motion to approve decreasing the minimum supply of Epi Pens from 2 doses to 1 of each - Dr. Bradley made a motion to discuss, Neil Gago seconded the motion, discussion ensues,
Dr. Gross asked for a motion to approve the four drug changes for the Table 5.2 table Drug Box, **Motion Carries**

VI. Agenda Items for Next Meeting: None presented at this time

VII. Call to the Public: None presented

VIII. Summary of Current Events

- a. Frontline on the Home front: Equipping First Responders to Assist Veterans in Crisis
April 21, 2016 - Presented by the Arizona Coalition for Military Families – Desert Willow Conference Center
- b. 2016 EMS Odyssey – June 9 -10, 2016- Desert Willow Conference Center (pre-conference June 8, 2016, Two topic's Human Trafficking and EMS Kiddie Kamp
- c. Trauma Conference International – July 14 – 15, 2016 – Hotel Coronado, Coronado, CA
<http://traumacon.org/>
- d. 27th Annual Southwest Trauma Conference, Presented by the University of Arizona and Banner-University Medical Center August 4 – 5, 2016 – JW Marriott Starr Pass, Tucson

IX. Next Meetings: July 21, 2016 @ 12:00 PM, Rooms 215A&B, 150 N. 18th Ave.
November 17, 2016 @ 12:00 PM, Rooms 215A&B, 150 N. 18th Ave

X. Adjournment: 1:55pm

VISITORS PLEASE SIGN IN

Protocols, Medications and Devices (PMD) Committee - March 17, 2016 @ 12:00 pm

Name (PLEASE PRINT)	Organization & Position
1 Jill McAdoo	AMR - Clinical Manager
2 RONALD MARTINEZ	FAC
3 Neil Gago	Air Evac SAEWS
4 Heather Miller	Kingman Regional - pre hosp Coord
5 GAYE GRAY	S J HMC
6 CHRIS THOMPSON	YBMC
7 DAVID WAREFU	BFWSTT
8 Kimberly Beaman	AZDHS
9 Rebecca Haro	NCFMD
10 Amanda Wood	Banner
11 Brandon Davidson	Banner
12 JOHN GRANT	Phx Pwr
13 BRIAN BONZING	MCSO
14 Franco Carbi Mann	Mesa Health
15 Josh Cantelero	UHA
16 Tracy Johnson	
17 Chester Kay	KUH

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

✓ = Arizona Scope of Practice skill

STR = STR skill

* = Already intubated

Airway/Ventilation/Oxygenation	EMT	AEMT	EMT-I(99)	Paramedic
Airway - esophageal	STR	✓	✓	✓
Airway - supraglottic	STR	✓	✓	✓
Airway - nasal	✓	✓	✓	✓
Airway - oral	✓	✓	✓	✓
Automated transport ventilator	STR	STR	✓	✓
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	STR	STR	✓	✓
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	✓	✓	✓	✓
	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		✓*	✓	✓
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
	Aerosolized/nebulized (beta agonist)	STR	✓	✓	✓
	Assisting patient with his/her own prescribed medications (aerosolized/nebulized)	✓	✓	✓	✓
	Assisting patient with his/her own prescribed medications (ASA/Nitro)	✓	✓	✓	✓
	Assisting patient with his/her own prescribed medications (auto-injector)	✓	✓	✓	✓
	Assisting patient with his/her own prescribed medications (hydrocortisone sodium succinate)		✓	✓	✓
	Auto-injector	STR	✓	✓	✓
	Buccal	STR	✓	✓	✓
	Endotracheal tube			✓	✓
	Inhaled self-administered (nitrous oxide)		✓	✓	✓
	Intradermal			STR	STR
	Intramuscular		✓	✓	✓
	Intranasal	STR	✓	✓	✓
	Intravenous push		✓	✓	✓
	Intravenous piggyback			✓	✓
	Intraosseous		STR	✓	✓
	Nasogastric				✓
	Oral	✓	✓	✓	✓
	Rectal		STR	✓	✓
	Small volume nebulizer	STR	✓	✓	✓
	Subcutaneous		✓	✓	✓
	Sublingual		✓	✓	✓
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 or capped access	✓	✓	✓	✓
	Intravenous- maintenance of medicated IV fluids			✓	✓
	Umbilical initiation				STR
Miscellaneous		EMT	AEMT	EMT-I (99)	Paramedic
	Assisted delivery (childbirth)	✓	✓	✓	✓
	Assisted complicated delivery (childbirth)	✓	✓	✓	✓

Attachment V. c.

Blood glucose monitoring	✓	✓	✓	✓
Blood pressure- automated	✓	✓	✓	✓
Blood pressure- manual	✓	✓	✓	✓
Eye irrigation	✓	✓	✓	✓
Eye irrigation (Morgan lens)				STR
Thrombolytic therapy- initiation				STR
Urinary catheterization				STR
Venous blood sampling			✓	✓
Blood chemistry analysis				STR
Use/monitoring of agents specified in Table 5.4 during interfacility transports			STR	STR
Use/monitoring of infusion pump for agent administration during interfacility transports			STR	STR