



CHARLOTTESVILLE-ALBEMARLE RESCUE SQUAD

STANDARD OPERATING GUIDELINE

TOPIC: Medication Storage and Security	S.O.G. # 1.18
Approved by: Lair D. Haugh, Chief	Revised: 8/1/2007 Approved: 8/1/2007

Medications and medication kits shall be stored and secured in accordance with Virginia Board of Pharmacy Regulations 18 VAC 110-2-10 and Virginia Emergency Medical Services Regulation 12 VAC 5-31-520.

Medications, IV fluids and administration equipment shall be maintained within their expiration date at all times. Medication boxes that reach their expiration date shall be replaced at the UVA pharmacy.

Medication boxes and kits, needles & syringes shall be stored within the locked compartment on each vehicle. Once the unit has reached the hospital, the medication box/kit shall be taken into the ER along with the patient.

IV fluids and assorted administration equipment shall not be hung in the patient compartment pre-incident.

Medication boxes and kits shall be removed from vehicles leaving the premise for maintenance and stored in the med-box locker. A sign stating the medications are not on-board shall be taped to the steering wheel.

The stock of medications is to be stored in the pharmacy locker must be locked and temperature controlled. Access to the locker is restricted to authorized personnel only.

Succinylcholine is to be stored in the medication refrigerator and kept at 36-46° F. This medication may be kept in the drug kit for 30 days at ambient temperature before it is to be removed and disposed of.

The refrigerator temperature is to be recorded and logged daily. If the temperature exceeds 46 degrees:

- Assure power to the refrigerator.
- Turn thermostat down.
- Reassess temperature and adjust thermostat every hour until the temperature is within acceptable range.
- If temperature exceeds 46 degrees Fahrenheit for greater than 24 hours, place a 30 day expiration date on each vial.
- Destroy after 30 days.

If the temperature drops below 36 degrees Fahrenheit, but does not freeze:

- Turn thermostat up.
- Reassess temperature and adjust thermostat every hour until the temperature is within acceptable range.



CHARLOTTESVILLE-ALBEMARLE RESCUE SQUAD

If the medication freezes, destroy the medications and order replacement medications.

Vehicles parked outside that have 110v temperature control systems (Ambulances 141, 144, 146, & 147) may retain their medication boxes and kits as long as the 110v power line is plugged in.

Members shall not possess or carry a personal medication kit or medications for use on patients.

In case of loss, theft or tampering of any medication, boxes or kits shall be immediately reported to the Duty Officer and UVA Pharmacy. A Special Incident Report shall be completely filled out and submitted for record.

The OEMS shall immediately be notified in writing of any loss, theft or tampering of any controlled substances or regulated medical devices. The Drug Diversion reporting form can be found on the OEMS web site.

Expired medications are to be removed from inventory and wasted.

Personnel that will have access to the pharmacy locker lock code:

- Jim Miller – pharmacy locker administrator
- Andrew Barros – SEMM packs
- Steve Hartman – RSI packs
- Jake Benner – RSI packs
- Ashley Blair – IV start kits
- JV Nable – IV start kits
- Sam Kim – IV start kits
- Laura Bonner – IV start kits
- Anthony Judkins – IV start kits
- Dayton Haugh – Chief
- Benjamin Sojka – Assistant Chief

Schedule IV medications to be stored in the pharmacy locker include:

- Epinephrine 1:1,000
- Epinephrine 1:10,000
- Benedryl
- Solumedrol
- Narcan
- D50
- Albuterol
- Atrovent
- Nitroglycerine
- Nitropaste
- Aspirin
- Succinylcholine
- Etomidate
- Vecuronium
- Lidocaine
- Amiodarone
- Atropine
- Phenergan