

## Paramedic Assistant Program

### Course Summary

1	Familiarization	10 minutes
2	Medical/Legal Aspects	30 minutes
3	Medical Control	10 minutes
4	Responsibilities to Continue Care	10 minutes
5	Scope of Practice	15 minutes
6	Team Approach	45 minutes
7	Dispatching Concerns	15 minutes
8	Blood borne Pathogens and Sharps Disposal	30 minutes
9	Question and Answer	15 minutes
10	Skills Station & Practical Exam (90 minute each)	<u>180 minutes</u>

**Total Time 360 minutes**

\*\* An additional Blood Glucose Measuring Device Program (1 hour) can be incorporated into the Paramedic Assistant Program or be taught as a additional course. See attached outline.

Successful completion of this program must include passing the practical skills stations utilizing the WMEMS practical skill sheets.

This course must receive approval from WMEMS and OEMS.

**1 Familiarization (10 minutes)**

1. Assist EMT-I/P

**2 Med-Legal Aspects (30 minutes)**

1. State Ambulance Law – Reg's 170.000
  1. Governs prehospital care
  2. Sets levels of EMT training
    1. EMT - 110 hour course
    2. EMT-I - 200+ hours, including clinical/field
    3. EMT-P - 800+ hours, including clinical/field
  3. Sets scope of practice
    1. Specific patient care skills and tasks
    2. Responsibility for patient
  4. Defines and describes medical control
2. State/Federal drug laws
3. Legal Responsibilities for Patient Care

**3 Medical Control (10 minutes)**

1. Definition
  1. On-line control
  2. Off-line control
  3. Standing orders
  4. Protocols
  5. Radio Reports
2. Legal and regional requirements
3. Utilization of medical control

**4 Responsibilities to Continue Care (10 minutes)**

1. Basic
  1. Must continue care before, during and after
  2. Patient care is transferred entirely to ALS personnel or to hospital emergency department
2. ALS
  1. Responsible for all care
  2. Controversy over triage issues

**5 Scope of Practice (15 minutes)**

1. Basic's
  1. Triage and assessment
  2. Airway maintenance with OPAs/NPAs, suctioning, oxygen
  3. Bleeding control and shock prevention/treatment
  4. Splinting and spinal immobilization
  5. Packaging and safe transport

6. Documentation
7. AEDs (if credentialed by region)
8. Epi auto-injectors (if authorized by region)
2. Intermediates's - all of the above, and:
  1. Advanced airway care- EOA/ET
  2. IV fluids
3. Paramedic's - all of the above, and:
  1. Cardiac monitoring
  2. Manual defibrillation
  3. Drug administration
4. Cannot perform skills above scope of practice

## 6 Team Approach (45 minutes)

1. EMS system is a team of providers
  1. Everyone has to work together for the best care to be provided
  2. If the right hand doesn't know what the left hand is doing...
2. Basic level EMTs
  1. Assessment
  2. Initial stabilization
    1. Airway
    2. Oxygen
    3. Bleeding control
    4. Package the patient
3. ALS providers
  1. Should focus on ALS care
  2. BLS level EMTs can assist by:
    1. Retrieving ALS equipment
    2. Assisting in applying and inflating MAST
    3. Ventilating patient with EOA/ET
    4. Monitoring vital signs
  3. Cannot
    1. Assemble, test or insert EOA/ET
    2. Assemble drugs for administration
    3. Use ECG paddles, defibrillate or cardiovert
4. EMT-P Assistants can, under the direct supervision and observation of an EMT-P;
  1. Assemble and prepare IV fluids
  2. Attach a pressure infuser for IV fluids
  3. Taping down of IV catheters
  4. Help in securing of ET tubes once they are in place
  5. Under direction of the Paramedic, suction ET tubes
  6. Apply ECG electrodes
  7. Assist a patient with own medications as contained in 1994 DOT EMT

curriculum

8. Under direction of the Paramedic, assist the patient with the use of nebulized Albuterol/Alupent therapy. (This does not include delivery of either medication via ET and BVM).
9. Interpret and apply a Pulse Oximeter (Adult and Pediatric)
10. Utilize a blood glucose measuring device (see attached outline)

**7 Dispatching Concerns (15 minutes)**

1. Simultaneous Dispatch vs. Assessment
  1. Over triage
  2. Under triage
2. Dispatch guidelines

**8 Blood borne pathogens (30 minutes)**

1. Universal precautions
  1. HIV
  2. HBV
  3. Disposal of sharps

**9 Question and Answer Period (15 minutes)**

**10 Skill Stations (Must use WMEMS Skill Sheets) (180 minutes)**

1. IV & ECG
  1. IV (45 minutes)
    1. Assemble and prepare IV fluids
    2. Color - clarity - fluid type, date of expiration
    3. Spiking a bag
      - (1) Aseptic technique
      - (2) Fill drip chamber 2
      - (3) Run out IV tubing expelling air
    4. Pressure infusers
      - (1) Application and inflation
    5. Taping down of IV catheters
      - (1) Sterile technique
      - (2) Learn service technique
        - (1) Tape, tegaderm, veniguard
  2. ECG Monitor and Monitoring (45 minutes)
    1. Proper electrode placement
    2. Proper placement hands off defib
    3. Proper placement of pacing pads
    4. Turning monitor on - overview of monitor
2. Airway

1. Airway (30 minutes)
  1. Review use of OPA and NPA
  2. Oxygen delivery equipment
  3. Taping procedure for securing ET
    - (1) Tape, tubetamers, tube ties
    - (2) Know service technique
  4. Cricoid pressure
    - (1) Under direction of Paramedic
    - (2) Landmarks
  5. Suction of ET tube
    - (1) Under direction of paramedic
    - (2) Sterile technique
    - (3) Suctioning technique
2. Pulse Oximetry (15 minutes)
  1. Indications
  2. Placement of Probe
3. Nebulizers (15 minutes)
  1. Assembly of nebulizer
  2. Proper oxygen connection (lpm)
  3. Patient assistance with device under direction of paramedic
3. Blood Glucose measuring Devices (30 minutes- if applicable)
  1. Perform machine calibration
  2. Obtaining sample with Auto-Let (can be done on piece of fruit)
  3. Analysis of sample
  4. Proper removal/disposal of sample
  5. Prepare machine for next use

WMEMS Paramedic Assistant Program

**Skills Stations Evaluation**

Name \_\_\_\_\_ MA EMT # \_\_\_\_\_ Date \_\_\_\_\_

Place **Y (Yes)** / **N (No)** / **NA (Not Applicable)** next to procedure

**IV Station**

- Assemble and prepare IV fluids ..... \_\_\_\_\_
- Check fluid for type, clarity and expiration ..... \_\_\_\_\_
- "Spike" bag:
  - Aseptic technique ..... \_\_\_\_\_
  - Fill drip chamber 2 way ..... \_\_\_\_\_
  - Expel air from IV line ..... \_\_\_\_\_
- Apply and inflate pressure infuser (if applicable) ..... \_\_\_\_\_
- Secure IV catheter:
  - Sterile technique ..... \_\_\_\_\_
  - Appropriate service technique ..... \_\_\_\_\_

**ECG Monitor and Monitoring**

- Proper electrode placement ..... \_\_\_\_\_
- Proper placement of hands-off defib..... \_\_\_\_\_
- Proper placement of pacing pads ..... \_\_\_\_\_
- Turning monitor on - overview of monitor..... \_\_\_\_\_

**Airway**

- Demonstrate use of OPA and NPA ..... \_\_\_\_\_
- Demonstrate use of oxygen delivery systems..... \_\_\_\_\_
- Demonstrate procedure for securing ET tube ..... \_\_\_\_\_
- Demonstrate application of cricoid pressure ..... \_\_\_\_\_
- Suction of ET tube:
  - Sterile technique ..... \_\_\_\_\_
  - Suctioning technique ..... \_\_\_\_\_

**Pulse Oximetry** (if applicable)

- Demonstrate placement of probe ..... \_\_\_\_\_

**Nebulizer**

- Assemble nebulizer ..... \_\_\_\_\_
- Connect to O<sub>2</sub> ..... \_\_\_\_\_
- Demonstrate how to assist patient with nebulizer . \_\_\_\_\_

**Blood Glucose** (if applicable)

- Demonstrate calibration procedure..... \_\_\_\_\_
- Demonstrate proper use/disposal of Auto-Let..... \_\_\_\_\_  
(may be done on an apple, etc.)
- Demonstrate test sequence..... \_\_\_\_\_

Evaluated by \_\_\_\_\_ Date \_\_\_\_\_