SKILL CHECK SHEET
Paramedic

12-Lead ECG

___ 1. Identifies indications and contraindication for 12-Lead

___ 2. Explains procedure to patient

___ 3. Assembles equipment

___ 4. Prepares ECG monitor and connects patient cable with electrodes

___ 5. Expose chest and prep as necessary

___ 6. Properly apply chest leads (V1, V2, V3, V4, V5, V6)

___ 7. Properly apply extremity leads (RA, LA, RL, LL)

___ 8. Instruct patient to remain still

___ 9. Acquire 12-Lead ECG and interprets ECG

___ 10. Notifies hospital (contact medical control) if ST-elevation noted – STEMI or possible STEMI

___ 11. Monitor and reassess patient

(9 of 11 required to pass)
Bolded items represent “automatic failures” and the need for retesting.

Name: ___________________________ Exam Date: _________________
EMS testing level – Paramedic

Evaluator: _________________________

Pass
Fail

4/2012
East Carolina University/Brody School of Medicine
Department of Emergency Medicine
Division of EMS

SKILL CHECK SHEET
Paramedic

Cardioversion

1. Identifies indications for cardioversion
2. Explains procedure to patient
3. Turns monitor on, applies pads and cables appropriately
4. Interprets rhythm correctly via 12-Lead, Lead II or Lead with tallest QRS
5. Establishes an IV and pre-medicates the patient
6. Sets energy selection to appropriate joules
7. Sets monitor/defibrillator in the synchronized mode
8. Performs a verbal and visual “CLEAR”
9. Presses button (or appropriate delivery device) to cardiovert
10. Reassess patient
11. Notifies hospital or contacts medical control when indicated
12. Discusses post-cardioversion management

(10 of 12 required to pass)
Bolded items represent “automatic failures” and the need for retesting.

Name: ____________________________ Exam Date: ________________
EMS testing level – Paramedic

Evaluator: __________________________

Pass Fail

4/2012
SKILL CHECK SHEET
Paramedic

Manual Defibrillation

1. Identifies and initiates Basic Life Support procedures
   (This includes confirming the patient is non-responsive, absent or abnormal breathing, pulseless and
   begins CPR)

2. Turns defibrillator on, applies pads and cables appropriately

3. Announces to Stop CPR

4. Interprets the patient’s rhythm correctly and if shockable rhythm, sets the appropriate energy
   setting for defibrillation

5. Perform a verbal and visual “CLEAR”

6. Defibrillator is charged to the appropriate energy setting and the shock is delivered, immediately
   begin CPR

7. Resumes CPR for 2 minutes and initiate ACLS algorithm (per Protocol) after 1st defibrillation

8. Reassess patient and defibrillate again if shockable rhythm or resume CPR

9. No defibrillation indicated (non-shockable)

10. Resume CPR for 2 minutes (If 2-rescuer, advanced airway was successful, begin continuous CPR without
    waiting for delivery of breathes).

11. Contacts medical direction when indicated

12. Discusses post-resuscitation management

(8 of 11 required to pass)
Bolded items represent “automatic failures” and the need for retesting.

Name: ________________________________ Exam Date: _______________
EMS testing level – Paramedic
Evaluator: ________________________________

Pass
Fail

4/2012
Airway Orotracheal Intubation (ETT)

___ 1. Identifies indication and complications of intubation
___ 2. Assembles equipment (includes checking cuff for leakage, lubricating tube, and having suction on-hand)
___ 3. Pre-oxygenates and hyper-oxygenate patient with BVM
___ 4. Position patient's head properly, insert laryngoscope and visualizes vocal cords appropriately
___ 5. Insert ETT through the vocal cords (maximum of three attempts)
___ 6. Attach an End-tidal CO2 detector, ventilate patient (minimum of six ventilations with BVM) and assesses breath sounds (confirm placement-capnography)
___ 7. Adjusts or removes tube if indicated
___ 8. Inflate cuff on ETT (patient with cuffed tube), reassess breath sounds, and secure ETT to patient
___ 9. Place a C-collar on patient to assist stability of ETT
___ 10. Discusses the indications and procedure for extubation

(8 of 10 required to pass)

Bolded items represent "automatic failures" and the need for retesting.

Name: ___________________________ Exam Date: ________________

EMS testing level – Paramedic

Evaluator: _______________________

Pass    Fail

2012
Transcutaneous External Pacing

1. Identifies indication for external pacing
2. Explains procedure to patient if responsive
3. Turns monitor on, applies pads and cables appropriately
4. Interprets rhythm correctly
5. Establishes an IV and pre-medicates the patient if indicated
6. Turns pacer on and sets desired pacing rate (70/min.)
7. Increases energy level until capture is obtained
8. Continue to pace patient at an output level that is about 10% higher than the threshold of initial capture
9. Reassess patient’s response to pacing therapy (Check a pulse)
10. Notify hospital or contact medical control when indicated

(8 of 10 required to pass)
Bolded items represent “automatic failures” and the need for retesting.

Name: ___________________________ Exam Date: ________________
EMS testing level – Paramedic
Evaluator: ___________________________

Pass Fail

4/2012
East Carolina University/Brody School of Medicine
Department of Emergency Medicine
Division of EMS

SKILL CHECK SHEET
Paramedic

Blind Insertion Airway Device

1. Identifies indication for BIAD
2. Identifies contraindications for BIAD use
3. Assembles equipment (includes checking cuffs for leakage, lubricating tube, end-tidal CO2 detector and/or capnography, pulse ox, and having suction on-hand)
4. Pre-oxygenates and Hyper-oxygenate patient with BVM
5. Positions patient’s head properly
6. Inserts airway properly
7. Inflates cuffs (to manufacturer’s recommendations)
8. Ventilates patient and listens for breath sounds
9. Determines esophageal or tracheal placement
10. Secures BIAD to patient
11. Confirms tube placement using end-tidal CO2 detector (ventilate patient minimum 6 times with BVM) and/or capnography waveform and pulse ox in place
12. Discusses the indications for BIAD removal
13. Demonstrates appropriate BIAD removal procedure

(10 of 13 required to pass)
Bolded items represent “automatic failures” and the need for retesting.

Name: ___________________________ Exam Date: _______________
EMS testing level – Paramedic

Evaluator: ___________________________

Pass Fail

2012
SKILL CHECK SHEET
Paramedic

Airway – Surgical Cricothyrotomy

1. Identifies indication and contraindication of the Melker surgical cricothyrotomy catheter set
2. Employs universal precautions and attempts to ventilate patient with BVM
3. Assembles equipment (includes checking cuffs)
4. Palpates and cleanses the insertion site appropriately
5. Makes a vertical incision midline
6. Advances the 18 g TFE catheter introducer needle (attached to a 6 cc syringe) through the incision into airway at 45 degree angle to frontal plane in the midline in a caudad direction
7. Verify entrance into airway by aspirating the syringe – free air return should be present
8. Remove syringe and needle, leaving TFE catheter in place
9. Advance soft, flexible end of wire guide through TFE catheter and into airway several centimeters
10. Remove TFE catheter, leaving wire guide in place
11. Advance handled dilator, tapered end first, into connector end of airway catheter until handle stops against connector
12. Advance airway access assembly over wire guide until proximal stiff end of wire guide is completely through and visible at handle end of dilator
13. Remove wire guide and dilator simultaneously
14. Inflate cuff (5-6 cc air)
15. Secure airway device and ventilate
16. Reassess

(14 of 16 required to pass)
Bolded items represent “automatic failures” and the need for retesting.

Name: ___________________________ Exam Date: ________________
EMS testing level – Paramedic

Evaluator: ___________________________

Pass      Fail

4/2012
SKILL CHECK SHEET

Paramedic

Venous Access – Intravenous Catheter Insertion

1. Identifies indications for IV insertion
2. Discusses complications of IV insertion
3. Employs universal precautions and explains procedure to patient
4. Assembles equipment (includes IV fluid, checking expiration dates, purity of fluid; IV set-up)
5. Selects appropriate insertion site and applies a tourniquet
6. Cleans insertion site thoroughly (aseptic technique)
7. Inserts catheter, bevel up, into vein
8. Verifies blood return and advances catheter
9. Attaches IV tubing and releases tourniquet
10. Properly disposes of sharp (sharps container)
11. Adjusts IV fluid flow rate and verifies patency
12. Reassess patient

(9 of 12 required to pass)
Bolded items represent “automatic failures” and the need for retesting.

Name: ___________________________ Exam Date: ___________________________
EMS testing level – Paramedic

Evaluator: ___________________________

Pass Fail

4/2012
Venous Access – Pre-existing Central Venous Catheter

___ 1. Identifies indications and complications for accessing a pre-existing CV catheter

___ 2. Employs universal precautions and aseptic technique

___ 3. Assembles equipment (includes IV fluid, checking expiration date and purity of fluid; appropriate size syringes; injectable saline)

___ 4. Selects appropriate port site (distal)

___ 5. Cleans catheter port thoroughly and inserts IV catheter or needleless catheter with a 5-10cc syringe into the port

___ 6. Unclamps the CV tubing

___ 7. Aspirates 5-10cc of blood/fluid from the catheter port

___ 8. Clamps the CV tubing and removes the blood/fluid syringe and inserts a sterile injectable saline syringe

___ 9. Unclamps the CV tubing

___ 10. Aspirates some blood to verify placement and flushes with sterile injectable saline to verify no resistance, reclamps CV tubing

___ 11. Immediately attaches IV tubing or IV extension tubing, unclamps tubing, and begins appropriate IV fluid infusion

___ 12. Reassess patient

(9 of 12 required to pass)

Bolded items represent “automatic failures” and the need for retesting.

Name: ___________________________ Exam Date: ________________

EMS testing level – Paramedic

Evaluator: ___________________________

Pass  Fail

4/2012
East Carolina University/Brody School of Medicine
Department of Emergency Medicine
Division of EMS

SKILL CHECK SHEET
Paramedic

Intraosseous Needle Insertion

___ 1. Identifies indications/complications for IO insertion

___ 2. Employs universal precautions and aseptic technique

___ 3. Assembles equipment (includes IV fluid, checking expiration date and purity of fluid; stopcock; IO needle (or bone marrow aspiration needle); minimum 5cc syringe; padding; injectable saline) or EZ-IO (drill, appropriate needle, 10cc syringe, injectable saline)

___ 4. Selects appropriate insertion site

___ 5. Cleans insertion site appropriately

___ 6. Inserts needle (60-90 degree angle) until a “pop” or “give” is felt indicating loss of resistance. Do not advance needle any further.

___ 7. Removes stylet and place in “sharps” container

___ 8. Aspirates and flushes with saline to verify placement

___ 9. Immediately attaches IV tubing, stopcock, or IV extension tubing and IV fluids for infusion

___ 10. Secures IO with dressings and tape

___ 11. Reassess patient

(8 of 11 required to pass)
Bolded items represent “automatic failures” and the need for retesting.

Name: ___________________________ Exam Date: ______________
EMS testing level – Paramedic

Evaluator: ____________________________

Pass Fail

4/2012
East Carolina University/Brody School of Medicine
Department of Emergency Medicine
Division of EMS

SKILL CHECK SHEET
Paramedic

Nasogastric Tube Insertion

1. Identifies indication(s) for Nasogastric intubation
2. Identifies contraindication(s) for Nasogastric intubation
3. Explains procedure to patient
4. Assembles equipment (includes selection of appropriate sized tube)
5. Measures tube and determines length of tube to be inserted appropriately
6. Properly position patient for tube insertion and lubricate tube
7. Properly inserts and advances tube, encouraging patient to swallow
8. Assess proper tube placement by aspirating gastric contents or by auscultating over the epigastrium injecting air through the tube
9. Secure tube to patient

(7 of 9 required to pass)
Bolded items represent “automatic failures” and the need for retesting.

Name: ___________________________ Exam Date: ________________
EMS testing level – Paramedic

Evaluator: ___________________________

Pass  Fail

4/2012
East Carolina University/Brody School of Medicine
Department of Emergency Medicine
Division of EMS

SKILL CHECK SHEET
Paramedic

Chest Decompression

1. Identifies indication and complications of chest decompression
2. Assess patient breath sounds and look for any signs of tracheal deviation, jugular vein distention, or subcutaneous emphysema
3. Assembles equipment (includes discussing the use of a flutter valve)
4. Selects appropriate insertion site
5. Cleanses the insertion site appropriately
6. Properly inserts catheter (may feel “pop” or “give” as it enters the thoracic cavity)
7. Withdraws needle and advances catheter until flush with the skin
8. Dispose of the needle in a sharps container
9. Reassess patient
10. Attaches flutter valve, dressing, or stopcock

(8 of 10 required to pass)
Bolded items represent “automatic failures” and the need for retesting.

Name: ________________________ Exam Date: _______________

EMS testing level – Paramedic

Evaluator: _______________________

Pass  Fail

4/2012
SKILL CHECK SHEET
Paramedic

Airway – CPAP (Continuous Positive Airway Pressure) and/or Ventilator PEEP (Positive End Expiratory Pressure)

1. Identifies indication(s) for CPAP/PEEP
2. Identifies contraindication(s) for CPAP/PEEP
3. Ensures adequate oxygen supply to ventilation device
4. Explains procedure to patient and consider placement of a nasopharyngeal airway
5. Places delivery mask over patient’s mouth and nose. Oxygen should be flowing through device.
6. Secure mask with provided straps starting with lower straps until minimal air leak occurs.
7. If PEEP adjustable on CPAP device, adjust the PEEP beginning at 0 cmH2O of pressure and slowly titrate to achieve positive pressure as follows:
   *5-10 cmH2O for pulmonary edema, near drowning, possible aspiration or pneumonia
   *3-5 cmH2O for COPD
8. Reassess patient response, assessing breath sounds, oxygen saturation, general appearance
9. Titrate oxygen levels to patient’s response.
10. Encourage patient to allow forced ventilation to occur. Observe closely for signs of complications.

(7 of 10 required to pass)
Bolded items represent “automatic failures” and the need for retesting.

Name: ___________________________ Exam Date: ________________
EMS testing level – Paramedic

Evaluator: ___________________________

Pass
Fail

4/2012
Venous Access – Intravenous Medication Drip

1. Identifies indication for medication, dosage and that no contraindications are present
2. Explains procedure to patient if applicable
3. Assembles equipment (includes fluid selection, correct medication and dosage, checking expiration dates, purity)
4. Draws up correct amount of medication if not premixed
5. Properly cleans injection port on IV bag (aseptic technique) if not premixed
6. Injects medication into bag and mixes thoroughly if not premixed
7. Labels IV bag appropriately
8. Connects IV drip tubing to primary IV tubing (piggyback)
9. Stops Primary IV and adjusts IV medication drip to appropriate rate
10. Reassess patient
11. Notify hospital or contacts medical control when indicated

(8 of 11 required to pass)

Bolded items represent “automatic failures” and the need for retesting.

Name: ________________________________ Exam Date: _________________________
EMS testing level – Paramedic

Evaluator: _______________________________

Pass  Fail

4/2012
SKILL CHECK SHEET
Paramedic

Sublingual Medication Administration

1. Identifies indication and any contraindication for use
2. Confirms medication dosage, route, and that no contraindications are present
3. Checks for correct medication, dose, expiration, and drug purity
4. Explains procedure to patient
5. Instructs patient to place the medication under their tongue and keep it there until it is dissolved
6. Reassess patient
7. Notifies hospital or Contacts medical control

(6 of 7 required to pass)
Bolded items represent “automatic failures” and the need for retesting.

Name: ___________________________ Exam Date: _________________
EMS testing level – Paramedic

Evaluator: _____________________________
Pass Fail

4/2012
SKILL CHECK SHEET
Paramedic

Nebulized Medication Administration

1. Identifies indication for medication, dosage and that no contraindications are present
2. Explains procedure to patient
3. Assess peak flow prior to nebulized medication assembly
4. Assembles equipment (includes correct medication and dosage, checking expiration dates, purity)
5. Pours correct amount of medication into reservoir well of nebulizer
6. Connects nebulizer to oxygen source and adjusts oxygen flow
7. Encourages patient to inhale normally through the mouthpiece or nebulizer mask until medication is depleted.
8. Reassess patient
9. Assess peak flow after nebulized medication administration
10. Notifies hospital or Contacts medical control when indicated

(7 of 10 required to pass)
Bolded items represent “automatic failures” and the need for retesting.

Name: ___________________________ Exam Date: __________________
EMS testing level -- Paramedic

Evaluator: ___________________________

Pass Fail

4/2012
Venous Access – Intravenous Medication Bolus

1. Identifies indication for medication, dosage and that no contraindications are present
2. Explains procedure to patient
3. Assembles equipment (includes correct medication and dosage, checking expiration dates, purity)
4. Draws up correct amount of medication if not prefilled syringe
5. Ejects excess air from syringe
6. Properly cleans closest injection port to patient (aseptic technique)
7. Stops IV flow and injects medication into the IV tubing
8. Properly disposes of sharp (sharps container)
9. Restarts IV flow
10. Reassess patient
11. Notifies hospital or contacts medical control when indicated

(8 of 11 required to pass)
Bolded items represent “automatic failures” and the need for retesting.

Name: ___________________________ Exam Date: ______________
EMS testing level – Paramedic

Evaluator: _______________________

Pass       Fail

4/2012
East Carolina University/Brody School of Medicine
Department of Emergency Medicine
Division of EMS

SKILL CHECK SHEET
Paramedic

Venous Access – Blood Draw

___ 1. Identifies indications and discusses complications of drawing blood

___ 2. Explains procedure to patient

___ 3. Assembles equipment (through an IV set-up, syringe or vacutainer)

___ 4. Selects appropriate insertion site and applies a tourniquet

___ 5. Cleans insertion site thoroughly (aseptic technique)

___ 6. Inserts catheter, bevel up, into vein (IV catheter or vacutainer needle)

___ 7. Obtains blood samples (syringe or vacutainer tubes)

___ 8. Releases tourniquet, attaches IV tubing or saline lock or removes vacutainer needle, and applies direct pressure

___ 9. Properly disposes of sharp (sharps container)

___ 10. Properly labels the vacutainer tubes with patient’s name, date and time of sample drawn, your initials and squad name

(7 of 10 required to pass)
Bolded items represent “automatic failures” and the need for retesting.

Name: _____________________________ Exam Date: _________________

EMS testing level – Paramedic

Evaluator: __________________________

Pass Fail

4/2012
East Carolina University/Brody School of Medicine
Department of Emergency Medicine
Division of EMS

SKILL CHECK SHEET
Paramedic

Subcutaneous Injection

1. Identifies indication for medication, dosage and that no contraindications are present
2. Explains procedure to patient
3. Assembles equipment (includes correct medication and dosage, checking expiration dates, purity)
4. Draws up correct amount of medication if not prefilled syringe
5. Ejects excess air from syringe
6. Selects appropriate injection site.
7. Properly cleans injection site (aseptic technique)
8. Inserts needle correctly and aspirates (confirming placement)
9. Injects medication and removes needle
10. Properly disposes of sharp (sharps container)
11. Reassess patient
12. Notifies hospital or contacts medical control when indicated

(9 of 12 required to pass)
Bolded items represent “automatic failures” and the need for retesting.

Name: ___________________________ Exam Date: _________________
EMS testing level – Paramedic

Evaluator: ___________________________

Pass Fail

4/2012
SKILL CHECK SHEET
Paramedic

Intramuscular Injection

1. Identifies indication for medication, dosage and that no contraindications are present
2. Explains procedure to patient
3. Assembles equipment (includes correct medication and dosage, checking expiration dates, purity)
4. Draws up correct amount of medication if not prefilled syringe
5. Ejects excess air from syringe
6. Selects appropriate injection site.
7. Properly cleans injection site (aseptic technique)
8. Inserts needle correctly and aspirates (confirming placement)
9. Injects medication and removes needle
10. Properly disposes of sharp (sharps container)
11. Reassess patient
12. Notifies hospital or contacts medical control when indicated

(9 of 12 required to pass)
Bolded items represent "automatic failures" and the need for retesting.

Name: ___________________________ Exam Date: ________________
EMS testing level – Paramedic

Evaluator: _________________________

Pass Fail

4/2012
# PATIENT ASSESSMENT - MEDICAL

<table>
<thead>
<tr>
<th>Candidate:</th>
<th>Examiner:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Date:</td>
<td>Signature:</td>
</tr>
</tbody>
</table>

## Scenario:

<table>
<thead>
<tr>
<th>Time Start:</th>
<th>Possible Points</th>
<th>Points Awarded</th>
</tr>
</thead>
<tbody>
<tr>
<td>Takes or verbalizes body substance isolation precautions</td>
<td>1</td>
<td></td>
</tr>
</tbody>
</table>

### SCENE SIZE-UP

- Determines the scene/situation is safe | 1 |
- Determines the mechanism of injury/nature of illness | 1 |
- Determines the number of patients | 1 |
- Requests additional help if necessary | 1 |
- Considers stabilization of spine | 1 |

### INITIAL ASSESSMENT

- Verbalizes general impression of the patient | 1 |
- Determines responsiveness/level of consciousness | 1 |
- Determines chief complaint/apparent life-threats | 1 |

- Assesses airway and breathing
  - Assessment (1 point) | 3 |
  - Assures adequate ventilation (1 point) |
  - Initiates appropriate oxygen therapy (1 point) |

- Assesses circulation
  - Assesses/controls major bleeding (1 point) |
  - Assesses skin [either skin color, temperature, or condition] (1 point) |
  - Assesses pulse (1 point) |

- Identifies priority patients/makes transport decision | 1 |

### FOCUSED HISTORY AND PHYSICAL EXAMINATION/RAPID ASSESSMENT

#### History of present illness

- Onset (1 point) |
- Severity (1 point) |
- Provocation (1 point) |
- Time (1 point) |
- Quality (1 point) |
- Clarifying questions of associated signs and symptoms as related to OPQRST (2 points) |
- Radiation (1 point) |

#### Past medical history

- Allergies (1 point) |
- Past pertinent history (1 point) |
- Events leading to present illness (1 point) |
- Medications (1 point) |
- Last oral intake (1 point) |

#### Performs focused physical examination [assess affected body part/system or, if indicated, completes rapid assessment]

- Cardiovascular |
- Neurological |
- Integumentary |
- Reproductive |
- Pulmonary |
- Musculoskeletal |
- GI/GU |
- Psychological/Social |

#### Vital signs

- Pulse (1 point) |
- Respiratory rate and quality (1 point each) |
- Blood pressure (1 point) |
- AVPU (1 point) |

#### Diagnostics [must include application of ECG monitor for dyspnea and chest pain]

- States field impression of patient | 1 |

#### Verbalizes treatment plan for patient and calls for appropriate intervention(s)

- Transport decision re-evaluated | 1 |

### ON-GOING ASSESSMENT

- Repeats initial assessment | 1 |
- Repeats vital signs | 1 |
- Evaluates response to treatments | 1 |
- Repeats focused assessment regarding patient complaint or injuries | 1 |

### Time End:

#### CRITICAL CRITERIA

- Failure to initiate or call for transport of the patient within 15 minute time limit |
- Failure to take or verbalize body substance isolation precautions |
- Failure to determine scene safety before approaching patient |
- Failure to voice and ultimately provide appropriate oxygen therapy |
- Failure to assess/provide adequate ventilation |
- Failure to find or appropriately manage problems associated with airway, breathing, hemorrhage or shock [hypoperfusion] |
- Failure to differentiate patient's need for immediate transportation versus continued assessment and treatment at the scene |
- Does other detailed or focused history or physical examination before assessing and treating threats to airway, breathing, and circulation |
- Failure to determine the patient's primary problem |
- Orders a dangerous or inappropriate intervention |
- Failure to provide for spinal protection when indicated |

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