



# Virginia Office of Emergency Medical Services

## Scope of Practice - Procedures for EMS Personnel

This SOP represents *practice maximums*.

| PROCEDURE  | SKILL  | PROCEDURE SUBTYPE            | EMR | EMT | AEMT | I | P |
|--|--|------------------------------|-----|-----|------|---|---|
| <b>Specific tasks in this document shall refer to the Virginia Education Standards.</b>          |  |                              |     |     |      |   |   |
| <b>AIRWAY TECHNIQUES</b>   |  |                              |     |     |      |   |   |
| Airway Adjuncts  |  |                              |     |     |      |   |   |
|  | Oropharyngeal Airway                           |                              | ●   | ●   | ●    | ● | ● |
|  | Nasopharyngeal Airway                          |                              | ●   | ●   | ●    | ● | ● |
| Airway Maneuvers   |  |                              |     |     |      |   |   |
|  | Head tilt jaw thrust                           |                              | ●   | ●   | ●    | ● | ● |
|  | Jaw thrust                                     |                              | ●   | ●   | ●    | ● | ● |
|  | Chin lift                                      |                              | ●   | ●   | ●    | ● | ● |
|  | Cricoid Pressure                               |                              | ●   | ●   | ●    | ● | ● |
|  | Management of existing Tracheostomy            |                              |     | ●   | ●    | ● | ● |
| Alternate Airway Devices   |  |                              |     |     |      |   |   |
|  | Non Visualized Airway Devices                  | Supraglottic                 |     | ●   | ●    | ● | ● |
| Cricothyrotomy   |  |                              |     |     |      |   |   |
|  | Needle   |                              |     |     |      |   | ● |
|  | Surgical                                       |                              |     |     |      |   | ● |
| Obstructed Airway Clearance  |  |                              |     |     |      |   |   |
|  | Manual   |                              | ●   | ●   | ●    | ● | ● |
|  | Visualize Upper-airway                         |                              |     |     | ●    | ● | ● |
| Intubation   |  |                              |     |     |      |   |   |
|  | Nasotracheal                                   |                              |     |     |      |   | ● |
|  | Orotracheal - Over age 12                      |                              |     |     |      | ● | ● |
|  | Pharmacological facilitation with paralytic    | Adult Neuromuscular Blockade |     |     |      |   | ● |
|  | Pharmacological facilitation without paralytic |                              |     |     |      |   | ● |
|  | Confirmation procedures                        |                              |     | ●   | ●    | ● | ● |
|  | Pediatric Orotracheal                          |                              |     |     |      |   | ● |
|  | Pediatric paralytics                           |                              |     |     |      |   | ● |
|  | Pediatric sedation                             |                              |     |     |      |   | ● |
| <b>** Endotracheal intubation is prohibited for all levels except Intermediate and Paramedic</b> |  |                              |     |     |      |   |   |

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| Oxygen Delivery Systems             |   |                   |     |     |      |   |   |
|                                     | Nasal Cannula   |                   | ●   | ●   | ●    | ● | ● |
|                                     | Venturi Mask  |                   | ●   | ●   | ●    | ● | ● |
|                                     | Simple Face Mask  |                   | ●   | ●   | ●    | ● | ● |
|                                     | Partial Rebreather Face Mask                            |                   | ●   | ●   | ●    | ● | ● |
|                                     | Non-rebreather Face Mask                                |                   | ●   | ●   | ●    | ● | ● |
|                                     | Face Tent   |                   | ●   | ●   | ●    | ● | ● |
|                                     | Tracheal Cuff   |                   | ●   | ●   | ●    | ● | ● |
|                                     | Oxygen Hood   |                   | ●   | ●   | ●    | ● | ● |
|                                     | O2 Powered Flow restricted device                       |                   | ●   | ●   | ●    | ● | ● |
|                                     | Humidification  |                   | ●   | ●   | ●    | ● | ● |
| Suction                             |   |                   |     |     |      |   |   |
|                                     | Manually Operated                                       |                   | ●   | ●   | ●    | ● | ● |
|                                     | Mechanically Operated                                   |                   | ●   | ●   | ●    | ● | ● |
|                                     | Pharyngeal  |                   | ●   | ●   | ●    | ● | ● |
|                                     | Bronchial-Tracheal                                      |                   | ●   | ●   | ●    | ● | ● |
|                                     | Oral Suctioning   |                   | ●   | ●   | ●    | ● | ● |
|                                     | Naso-pharyngeal Suctioning                              |                   | ●   | ●   | ●    | ● | ● |
|                                     | Endotracheal Suctioning                                 |                   | ●   | ●   | ●    | ● | ● |
|                                     | Meconium Aspiration Neonate with ET                     |                   | ●   | ●   | ●    | ● | ● |
| Ventilation – assisted / mechanical |   |                   |     |     |      |   |   |
|                                     | Mouth to Mask   |                   | ●   | ●   | ●    | ● | ● |
|                                     | Mouth to Mask with O2                                   |                   | ●   | ●   | ●    | ● | ● |
|                                     | Bag-Valve-Mask Adult                                    |                   | ●   | ●   | ●    | ● | ● |
|                                     | Bag-Valve-Mask with supplemental O2 Adult               |                   | ●   | ●   | ●    | ● | ● |
|                                     | Bag-Valve-Mask with supplemental O2 and reservoir Adult |                   | ●   | ●   | ●    | ● | ● |
|                                     | Bag-Valve-Mask Pediatric                                |                   | ●   | ●   | ●    | ● | ● |

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|   | Bag-Valve-Mask with supplemental O2 Pediatric                    |                   | ●   | ●   | ●    | ● | ● |
|   | Bag-Valve-Mask with supplemental O2 and reservoir Pediatric      |                   | ●   | ●   | ●    | ● | ● |
|   | Bag-Valve-Mask neonate/infant                                    |                   | ●   | ●   | ●    | ● | ● |
|   | Bag-Valve-Mask with supplemental O2 Neonate/Infant               |                   | ●   | ●   | ●    | ● | ● |
|   | Bag-Valve-Mask with supplemental O2 and reservoir Neonate/Infant |                   | ●   | ●   | ●    | ● | ● |
|   | Noninvasive positive pressure vent.                              |                   |     | ●   | ●    | ● | ● |
|   | Jet insufflation   |                   |     |     |      |   | ● |
|   | Mechanical Ventilator (Manual/Automated Transport Ventilator)    |                   |     |     | ●    | ● | ● |
|   |  |                   |     |     |      |   |   |
| <b>Anesthesia ( Local)</b>                        |  |                   |     |     |      | ● | ● |
|   |  |                   |     |     |      |   |   |
| <b>Pain Control &amp; Sedation</b>                |  |                   |     |     |      |   |   |
|   | Self Administered inhaled analgesics                             |                   |     | ●   | ●    | ● | ● |
|   | Pharmacological (non-inhaled)                                    |                   |     |     | ●    | ● | ● |
|   |  |                   |     |     |      |   |   |
| <b>Blood and Component Therapy Administration</b> |  |                   |     |     |      | ● | ● |
|   |  |                   |     |     |      |   |   |
| <b>Diagnostic Procedures</b>                      |  |                   |     |     |      |   |   |
|   | Blood chemistry analysis   |                   |     | ●   | ●    | ● | ● |
|   | Capnography  |                   |     | ●   | ●    | ● | ● |
|   | Pulmonary function measurement                                   |                   |     |     | ●    | ● | ● |
|   | Pulse Oximetry   |                   |     | ●   | ●    | ● | ● |
|   | Ultrasonography  |                   |     |     |      |   | ● |
|   |  |                   |     |     |      |   |   |
| <b>Genital/Urinary</b>                            |  |                   |     |     |      |   |   |
|   | Bladder catheterization  |                   |     |     |      |   |   |
|   | Foley catheter   |                   |     |     |      |   | ● |
|   |  |                   |     |     |      |   |   |

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| <b>Head and Neck</b>          |  |                   |     |     |      |   |   |
|                               | ICP Monitor                              |                   |     |     |      |   | ● |
|                               | Control of epistaxis                     |                   | ●   | ●   | ●    | ● | ● |
|                               | Tooth replacement                        |                   | ●   | ●   | ●    | ● | ● |
| <b>Hemodynamic Techniques</b> |  |                   |     |     |      |   |   |
|                               | Arterial catheter maintenance            |                   |     |     |      |   | ● |
|                               | Central venous maintenance               |                   |     |     | ●    | ● | ● |
|                               | Access indwelling port                   |                   |     |     |      | ● | ● |
|                               | Intraosseous access & infusion           |                   |     |     | ●    | ● | ● |
|                               | Peripheral venous access and maintenance |                   |     |     | ●    | ● | ● |
|                               | Umbilical Catheter Insertion/Management  |                   |     |     |      |   | ● |
|                               | Cutdown                                  |                   |     |     |      |   | ● |
|                               | Monitoring Existing IVs                  |                   |     | ●   | ●    | ● | ● |
|                               | Mechanical IV Pumps                      |                   |     |     | ●    | ● | ● |
| <b>Hemodynamic Monitoring</b> |  |                   |     |     |      |   |   |
|                               | ECG acquisition                          |                   | ●   | ●   | ●    | ● | ● |
|                               | ECG Interpretation                       |                   |     |     |      | ● | ● |
|                               | Invasive Hemodynamic Monitoring          |                   |     |     |      |   | ● |
| <b>Obstetrics</b>             |  |                   |     |     |      |   |   |
|                               | Delivery of newborn                      |                   | ●   | ●   | ●    | ● | ● |
| <b>Other Techniques</b>       |  |                   |     |     |      |   |   |
|                               | Vital Signs                              |                   | ●   | ●   | ●    | ● | ● |
|                               | Bleeding control                         |                   | ●   | ●   | ●    | ● | ● |
|                               | Foreign body removal                     |                   |     |     |      |   | ● |
|                               | Incision/Drainage                        |                   |     |     |      |   | ● |
|                               | Intravenous therapy                      |                   |     |     | ●    | ● | ● |
|                               | Medication administration                |                   |     | ●   | ●    | ● | ● |
|                               | Nasogastric tube                         |                   |     | ●   | ●    | ● | ● |
|                               | Orogastric tube                          |                   |     | ●   | ●    | ● | ● |

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|                                       | Pericardiocentesis                             |                   |     |     |      |   | ● |
|                                       | Pleural decompression                          |                   |     |     |      | ● | ● |
|                                       | Patient restraint physical                     |                   |     | ●   | ●    | ● | ● |
|                                       | Patient restraint chemical                     |                   |     |     |      | ● | ● |
|                                       | Sexual assault victim management               |                   |     | ●   | ●    | ● | ● |
|                                       | Trephination of nails                          |                   |     |     |      |   | ● |
|                                       | Wound closure techniques                       |                   |     |     |      | ● | ● |
|                                       | Wound management                               |                   | ●   | ●   | ●    | ● | ● |
|                                       | Pressure Bag for High altitude                 |                   |     |     |      |   | ● |
|                                       | Treat and Release                              |                   |     | ●   | ●    | ● | ● |
| <b>Resuscitation</b>                  |  |                   |     |     |      |   |   |
|                                       | Cardiopulmonary resuscitation (CPR) (all ages) |                   | ●   | ●   | ●    | ● | ● |
|                                       | Cardiac pacing                                 |                   |     |     |      | ● | ● |
|                                       | Defibrillation/Cardioversion                   | AED               | ●   | ●   | ●    | ● | ● |
|                                       | Post resuscitative care                        |                   |     | ●   | ●    | ● | ● |
| <b>Skeletal Procedures</b>            |  |                   |     |     |      |   |   |
|                                       | Care of the amputated part                     |                   | ●   | ●   | ●    | ● | ● |
|                                       | Fracture/Dislocation immobilization techniques |                   | ●   | ●   | ●    | ● | ● |
|                                       | Fracture/Dislocation reduction techniques      |                   |     |     |      |   | ● |
|                                       | Spine immobilization techniques                |                   | ●   | ●   | ●    | ● | ● |
| <b>Thoracic</b>                       |  |                   |     |     |      |   |   |
|                                       | Thoracostomy (refer to "Other Techniques")     |                   |     |     |      |   | ● |
| <b>Body Substance Isolation / PPE</b> |  |                   |     |     |      |   |   |
|                                       |  |                   | ●   | ●   | ●    | ● | ● |
| <b>Lifting and moving techniques</b>  |  |                   |     |     |      |   |   |
|                                       |  |                   | ●   | ●   | ●    | ● | ● |

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| <b>Gastro-Intestinal Techniques</b> |  |                   |     |     |      |   |   |
|                                     | Management of non-displaced gastrostomy tube |                   |     |     |      |   | ● |
|                                     |  |                   |     |     |      |   |   |
| <b>Ophthalmological</b>             |  |                   |     |     |      |   |   |
|                                     | Morgan Lenses                                |                   |     | ●   | ●    | ● | ● |
|                                     | Corneal Exam with fluorescein                |                   |     |     |      | ● | ● |
|                                     | Ocular irrigation                            |                   | ●   | ●   | ●    | ● | ● |

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