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| **MINIMUM EQUIPMENT** | | |
| EMS equipment and supplies | | 1st in bag, oxygen cylinder and supplies, ECG monitor, suction |
| Props | | Pedi ALS manikin |
| Medical Identification jewelry | | --- |
| **SETUP INSTRUCTIONS** | | |
| * Pedi manikin on floor with CPR in progress. * Ensure IV arms, airway head, IO leg are in the room | | |
| **BACKGROUND INFORMATION** | | |
| EMS System description | ALS unit | |
| Other personnel needed (define personnel and identify who can serve in each role) | Family, fire fighters if requested | |
| **MOULAGE INFORMATION** | | |
| Integumentary | Pale, cool, cyanotic | |
| Head | Lips are blue | |
| Chest | --- | |
| Abdomen | --- | |
| Pelvis | --- | |
| Back | --- | |
| Extremities | --- | |
| Age | 8 years old | |
| Weight | 60 lbs. | |

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| **DISPATCH INFORMATION** (Specific script for each scenario; Must be read over radio, telephone or in such a way that the candidate cannot look at the Examiner as he/she reads the dispatch information) | |
| Dispatch time | 1405 |
| Location | Public pool |
| Nature of the call | Pediatric hypoxic cardiac arrest secondary to drowning |
| Weather | Sunny |
| Personnel on the scene | Family member |

**READ TO TEAM LEADER**: Medic 1 respond to the community pool for possible drowning, time out 1405.

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| **SCENE SURVEY INFORMATION** | |
| A scene or safety consideration that must be addressed | Patient laying in a pool of water |
| Patient location | Outside of a pool |
| Visual appearance | Blue on lips |
| Age, sex, weight | 8 year old, Male, 60 lbs. |
| Immediate surroundings (bystanders, significant others present) | Family member |
| Mechanism of injury/Nature of illness | Drowning causing hypoxia resulting in cardiac arrest. |

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| **PRIMARY ASSESSMENT** | |
| General impression | Cardiac arrest secondary to drowning / hypoxia |
| Baseline mental status | Unresponsive |
| Airway | Pool water |
| Ventilation | --- |
| Circulation | Chest compressions |
| **HISTORY** (if applicable) | |
| Chief complaint | Hypoxic cardiac arrest |
| History of present illness | Playing in shallow end, parents looked away for short time and found patient floating in deep end. Parents removed patient from water. |
| Patient responses, associated symptoms, pertinent negatives | No blunt force traumatic event |
| **PAST MEDICAL HISTORY** | |
| Illnesses/Injuries | Asthma, allergy to bee stings. |
| Medications and allergies | Albuterol inhaler, epi pen |
| Current health status/Immunizations (Consider past travel) | All current |
| Social/Family concerns | Parent with child at pool, healthy appearing child, parents concerned |
| Medical identification jewelry | --- |
| **EXAMINATION FINDINGS** | |
| Initial Vital Signs | BP: --- P: ---  R: --- Pain: ---  Temperature: 98.6  GCS: Total 3 (E:1; V:1; M:1) |
| HEENT | Cyanosis |
| Respiratory/Chest | Equal chest rise/fall, clear equal bilateral breath sounds with BVM |
| Cardiovascular | Pulse with CPR |
| Gastrointestinal/Abdomen | Soft nontender |
| Genitourinary | --- |
| Musculoskeletal/Extremities | --- |
| Neurologic | --- |
| Integumentary | Pale, cool, cyanotic |
| Hematologic | --- |
| Immunologic | --- |
| Endocrine | --- |
| Psychiatric | --- |
| Additional diagnostic tests as necessary | ECG: Asystole  SPO2: 80% (with CPR)  ETCO2: 18 with CPR |

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| **PATIENT MANAGEMENT** | | |
| Initial stabilization/  Interventions/  Treatments | | * CPR * OPA/BVM, suction, Oxygen * Advanced airway (ETT, supraglottic airway) * Epinephrine (1:10,000 IV or IO) * **Post ROSC:** * Assess vital signs * Reassess patient (ABCs) * manage airway * Repeat full body exam |
| Additional Resources | | Air Ambulance |
| Patient response to interventions | | Return of pulse, remains apneic |
| **EVENT** | | |
| After high quality CPR, airway management, IV/IO placement, EKG interpretation, 2 doses of epinephrine (1:10,000) | | |
| **REASSESSMENT** | | |
| Appropriate management | BP: 90/60 P: 88  R: 1 every 3 via BVM / advanced airway Pain: ---  SPO2: 92% | |
| Inappropriate management | BP: 0/0 P: 0  R: 0 Pain: --- | |

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| **TRANSPORT DECISION:**  Team Leader should verbalize transport decision, reason for choosing the facility, and describe the appropriate transportation mode. |