2013-14 Oregon EMS Agency Reassessment: Pediatric Pre-Hospital Emergency Care

Last year, Emergency Medical Services for Children conducted a nation-wide reassessment of transport and non-transport EMS agencies, evaluating pediatric pre-hospital care.

Responding agencies reported availability of:

- Pediatric Online Medical Direction
- Pediatric Offline Medical Direction
- Pediatric Equipment on Transporting Vehicles

8,000 agencies nation-wide

75 non-transporting agencies

107 transporting agencies

348 ALS vehicles

53 BLS vehicles

8,000 agencies nation-wide

Responding agencies reported availability of:

- Pediatric Online Medical Direction
- Pediatric Offline Medical Direction
- Pediatric Equipment on Transporting Vehicles

Online direction: live advice by a higher-level provider

Offline direction: written protocols and guidelines present in the vehicle or accessible by technology

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Online Medical Direction

Offline Medical Direction

Always Available

90% National Goal

Online Medical Direction

Offline Medical Direction

Sources of Online Medical Direction

Rural & Frontier Agencies

Urban Agencies

Physician
Nurse
PA
Paramedic
EMT-B
The Joint Policy Statement: Equipment on Ground Ambulances recommends 35 BLS and 67 ALS items for pediatric care. Select items have been recently removed from the list as indicated below.

### Items Most Commonly Missing: ALS

<table>
<thead>
<tr>
<th>Item</th>
<th>Vehicles</th>
</tr>
</thead>
<tbody>
<tr>
<td>Child-size Nasal Cannula</td>
<td>68%</td>
</tr>
<tr>
<td>Child-size Femur Traction Device</td>
<td>80%</td>
</tr>
<tr>
<td>Neonate-size mask for Bag Valve Mask</td>
<td>83%</td>
</tr>
<tr>
<td>Meconium Aspirator Adaptor</td>
<td>86%</td>
</tr>
<tr>
<td>Nasal Airway size 16-24fr</td>
<td>88%</td>
</tr>
<tr>
<td>Child-size mask for Bag Valve Mask</td>
<td>89%</td>
</tr>
<tr>
<td>Pediatric Magill Forceps</td>
<td>89%</td>
</tr>
</tbody>
</table>

### Items Most Commonly Missing: BLS

<table>
<thead>
<tr>
<th>Item</th>
<th>Vehicles</th>
</tr>
</thead>
<tbody>
<tr>
<td>Child-size Femur Traction Device</td>
<td>51%</td>
</tr>
<tr>
<td>Pediatric Probes for Pulse Oximeter</td>
<td>68%</td>
</tr>
<tr>
<td>Neonate-size mask for Bag Valve Mask</td>
<td>81%</td>
</tr>
<tr>
<td>Suction Catheter size 6-10fr</td>
<td>81%</td>
</tr>
<tr>
<td>Suction Catheter size 12-16fr</td>
<td>83%</td>
</tr>
<tr>
<td>Small Extremity Immobilization Device</td>
<td>87%</td>
</tr>
</tbody>
</table>
20% of vehicles carry no child restraint device more than a lap and shoulder belt.

69% of agencies are unaware of the Best Practice Recommendations for Child Restraint Devices as published by the National Highway Traffic Safety Association.