

Table 3  
 Process Mapping Variables (N=398)

<b>Process Mapping Variable Category</b>	<b>Data variable number from data reporting template</b>	<b>Variable</b>	<b>Number of primary missions where variable was utilized</b>	<b>Percent of total primary missions where variable was utilized</b>	<b>Frequency of variable in number of total primary missions</b>
<i>Composite metric for p-EMS utilization</i>	N/A	Utilization of medical expertise and/or equipment	304	76%	3 in 4
		Advanced procedures and/or equipment	93	23%	1 in 4
<i>Diagnosis and Monitoring Procedures</i>	4.1	Specific cardiac ultrasound	8 (n=166)	5%	1 in 21
		FAST scan	15 (n=166)	9%	1 in 11
		LifePack 12	144	36%	1 in 3
<i>Airway Related Procedures</i>	4.3	Nasopharyngeal airway	6	2%	1 in 66
		Oropharyngeal airway	0	0%	0
		Supraglottic airway	16	4%	1 in 25
		ETT insertion	5	1%	1 in 80
		Surgical airway	0	0%	0
<i>Breathing Related Procedures</i>	4.5	Bag-valve mask	20	5%	1 in 20
		CPAP	3	< 1%	1 in 133
		Needle chest decompression	2	< 1%	1 in 199
		Finger thoraco(s)tomy	6	2%	1 in 66
<i>Circulation Related Procedures</i>	4.6	Peripheral intravenous access	22	6%	1 in 18
		Intraosseous access	38	10%	1 in 10
		External pacing	1	< 1%	1 in 398
		Cardioversion	1	< 1%	1 in 398
		Direct wound pressure	2	< 1%	1 in 199
		Wound packing	2	< 1%	1 in 199
		Hemostatics	2	< 1%	1 in 199
		Pelvic binder	7	2%	1 in 57

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		Femur splint	4	1%	1 in 100
		Pericardiocentesis	1	< 1%	1 in 398
		Mechanical chest compression device	1	< 1%	1 in 398
<i>Disability Related Procedures</i>	4.7	Fracture reduction	2	< 1%	1 in 199
		Nerve block	1	< 1%	1 in 398
		Spinal immobilization	13	3%	1 in 31
<i>Medications</i>	4.9	All-type medications	92	23%	1 in 4
		Analgesia (fentanyl, ketamine, morphine, methoxyflurane, lidocaine)	24	6%	1 in 16
		Sedation (Ketamine, midazolam)	12	3%	1 in 40
	4.2	Medications for intubation (midazolam + ketamine or morphine)	2	< 1%	1 in 199
		Rapid Sequence Induction (rocuronium + ketamine)	3	< 1%	1 in 133

**Definitions**

Medical expertise/equipment

- Defined as any primary missions where the p-EMS provides medical expertise (such as advice or support on treatment, management, or transport) or medical equipment (ultrasound scan, airway devices, pelvic binders, etc... )

Advanced interventions/equipment

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- Any intervention, medication, or piece of equipment utilized by the p-EMS that is beyond the scope of practice of BLS paramedics
- CPAP (continuous positive pressure ventilation)
- ETT (endotracheal tube)
- FAST (focused assessment with sonography in trauma)