

2017-2021 Cleveland EMS Intervention Comparison.

Intervention	2017	2018	2019	2020	2021	% change 2020-2021
12 lead	25,045	26,719	26,797	21,860	21,716	-1%
Adult Intubation	561	500	563	321	290	-10%
Supraglottic (King/Igel)	157	170	177	388	376	-3%
Advanced airways	718	670	740	709	666	-6%
Albuterol/Duoneb	9,486	9,128	8,829	3,037	2,072	-32%
Arterial Tourniquet	33	43	75	117	91	-22%
Chest Decompression	32	52	84	104	95	-9%
Chest Seal	118	173	168	240	162	-33%
CPR started	698	640	694	721	656	-9%
Hemostatic dressing	32	35	30	36	33	-8%
Intraosseous	456	467	533	606	541	-11%
IV	27,291	26,436	26,917	21,370	21,249	-1%
Narcan	6,308	3,265	3,941	3,275	1,681	-49%
Hospital Transports	77,266	79,395	80,602	73,117	75,670	3%
Total calls	105,714	107,213	109,633	104,973	109,305	4%

Glossary (click on hyperlinks to see videos)

Advanced Life Support (ALS): An intervention which must be performed by a paramedic.

Basic Life Support (BLS): An intervention which may be performed by an EMT-Basic.

12 Lead: Electrocardiogram (EKG) that looks at the heart from 12 angles. Paramedics are trained to interpret 12 Lead EKGs and look for signs that the patients may be having a Myocardial Infarction (heart attack). ALS skill.

Intubation: Placing an Endotracheal Tube via direct visualization. The paramedic places a tube down the trachea to assist the respiratory effort of a critically ill or injured patient. ALS skill.

Supraglottic Airway: The paramedic places a tube that seals the airway above the level of the vocal cords to assist the respiratory effort of a critically ill or injured patient. ALS skill.

Advanced Airways: Intubation and King LT combined. Both ALS skills.

Albuterol: A nebulized breathing treatment typically given to asthmatics and COPD patients. ALS skill.

Arterial Tourniquet: A military-grade device that is designed to stop severe bleeding from the limbs. BLS skill.

Chest Decompression: Placing a needle into the chest to relieve the trapped air that may accumulate after a traumatic incident. ALS skill.

Chest Seal: Placing a dressing with a one-way valve over a penetrating torso wound. BLS skill.

CPR started: Chest compressions initiated on a patient without a pulse or breathing. BLS skill.

Hemostatic Dressing: Military-grade gauze impregnated with an agent that promotes clotting. Used to stop severe external bleeding. BLS skill.

Intraosseous: Establishing vascular access into the bone channel of a critical patient using a special drill. ALS skill.

IV: Establishing vascular access into a vein for fluid resuscitation or medication administration. ALS skill

Naloxone: An opioid reversal agent. IN (up the nose) BLS skill. All other routes, ALS skill.

New procedures for 2021. These interventions were either not requested before, or were recently added to the CEMS protocol.

Diazepam	20
Calcium Chloride	22
Lidocaine	24
Magnesium Sulfate	67
Morphine	73
Sodium Bicarb	80
Atropine	98
Amiodarone	100
Phenergan	103
Glucagon	131
Benadryl	200
Epinephrine 1:1,000	276
Lorazepam	300
Airway-CPAP	317
Fentanyl Citrate	384
Zofran	424
D10 Infusion	428
Epinephrine 1:10,000	612
Solumedrol	663