

**Yes – We're Still Under  
Surveillance**  
*Some Highlights from the Past  
Year's Eagles' Surveys and  
Weekly ZOOM Rooms*

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- James Augustine, MD



# What Questions **Medical Directors** Ask each Other?

- How can we Improve Patient Care?
- How to Support and Expand the Providers?
- What are we Doing to Prepare for Future?
- How/When to Implement New Technology?
- ***How to Provide Better Medical Direction?***



# How do Eagles Share?

- Quick Questions, Short Answers
- Attach a document if needed
- Email thread is consolidated and return to group
- Discussion follows on hot issues
- They share with their Eaglets
- ***“Regional Eagles” sharing of information used for opioid response, drug shortages, and other programs***



Eagle

“Eagle-ettes” (Residents)

# Eagles Contribution and Needs?

40 Discussions  
NOT COVID

- 120 members across the globe
- 91 metropolitan areas and organizations
- Overseeing 216K EMS providers
- Serving population of 198M
- 24M EMS responses or 134/1000 population



- 78 metropolitan areas in the United States
- Oversee 164K EMS providers. Serving 110M
- 16M EMS responses or 139/1000 popu.
- 160M ED visits in the United States
- 36M EMS transports, 37% admitted

# Our People

- Agencies working to Recruit and Retain the Future Providers
- Building Academies, and relations with colleges and degree programs
- Several agencies reported personnel who had religious objections to administering blood to Patients



# Are we Filling the Gaps post-COVID?



## EMS Seeds the Fields of Healthcare



- Recovering our abilities to Recruit and Retain the Future Providers
- The Ongoing Responsibility of EMS to Prepare Individuals for Careers in Healthcare

# What Equipment and Supplies?



- Ongoing Supply Chain Problems, and Vehicles, and Lighting Systems
- Ongoing use of PPE – Selective Strategies for at Risk and low risk patients. 25% still have PAPR's for use
- Transport ventilators increased to about 40% of agencies
- Use of soft restraints, posey devices, and Velcro restraint systems. Handcuffs are out
- All systems using ETCO2 with supraglottic devices. But these have some technical challenges
- Tourniquets are in big airports, but not all kept near AED's

# What Medication Changes Occurring?



- Hydroxocobalamin is at working fire scenes in 70% of the FD's
- Pitocin in drug boxes in 25% of agencies
- More will be carrying medications for peripartum women

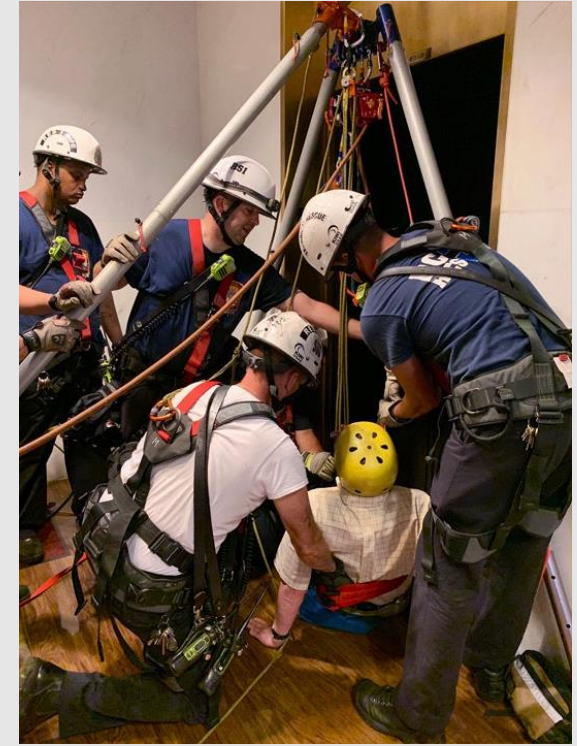
# What Medication For Sedation?

Drug	% of Agencies
Midazolam	100%
Ketamine	70%
Droperidol	40%
Haloperidol	12%
Lorazepam	8%
Ziprasidone	4%
Risperidone	4%



# What is Happening in Operations?

- Many more run queuing programs, and selective use of BLS services for low acuity. More call evaluation programs using nurses
- Nurses can provide on-line med direction in about 28% of jurisdictions
- Elevator rescues have some frequency. Rarely have medical implications
- UHU goals are 0.25 – 0.50



# Major Incident Challenges?



- No single CO level forces transport. Clinical evaluation and children, pregnant women, seniors deserve ED evaluation
- 40% of agencies have an MCI bus. More use metro buses for assistance for rehab and special events
- 20% of organizations have a post-incident playbook
- Most services have crisis-counseling services available and staffed. 40% have immediate response capabilities to the scene

# What are new Areas of Community Paramedicine?

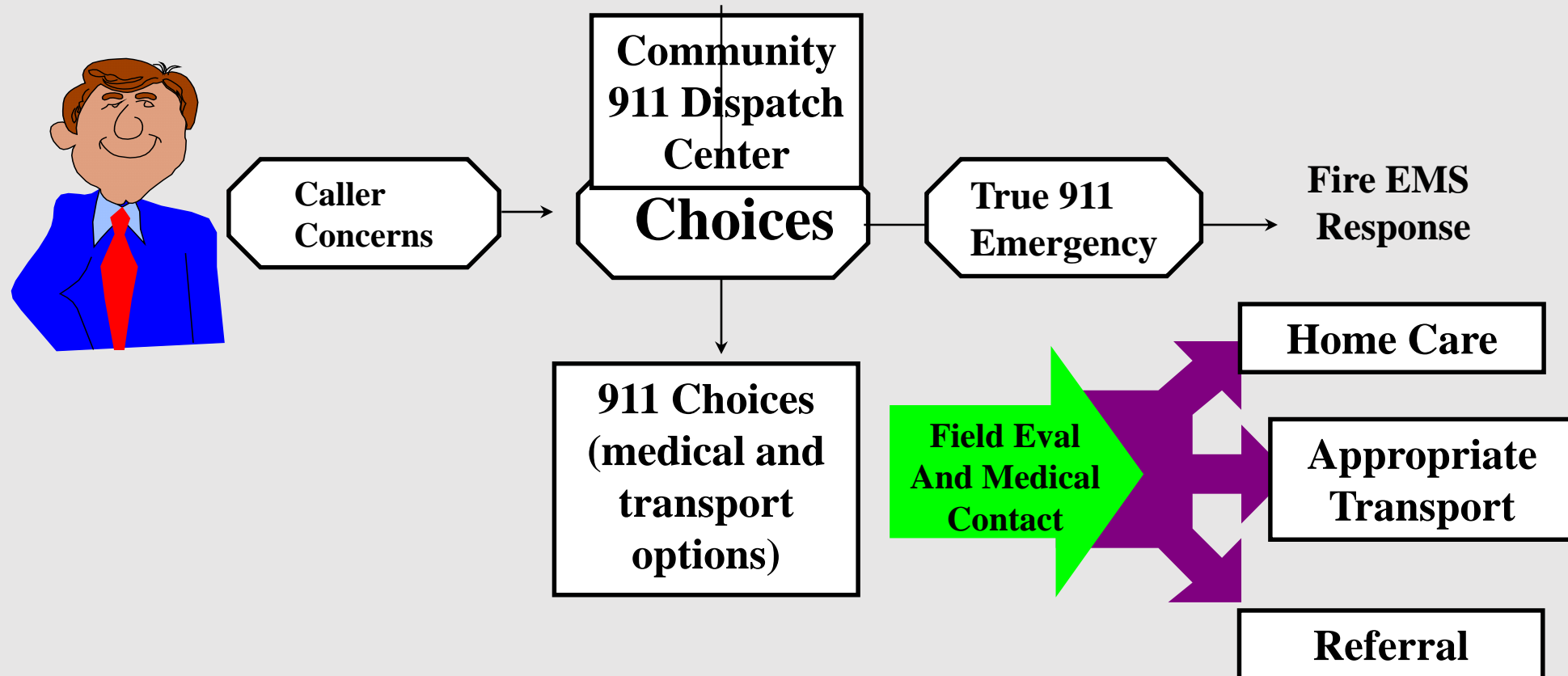
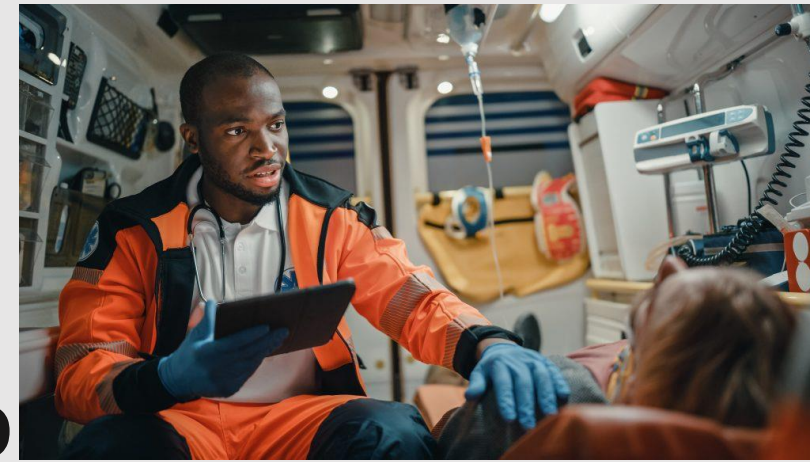


- Managing and documenting “Lift Assist”, "false call", vs "no patient found", and "refused all contact"
- Many more naloxone “leave behind programs”
- More organizations including fentanyl test strips with naloxone distributions
- Expanded services for “familiar faces” and medically frail

# Increasing Community Paramedicine Options

“Treatment in Place” = TIP

“Transport to Alternate Destinations” = TAD



# What Best Approaches to Select Events?



- 30% have equipment and protocol for Cold Water Immersion for heat emergencies
- Professional Sports asking for more committed resources, like transport vehicles
- About 75% of agencies use cricothyrotomy as crisis option, with at least annual training
- King pedi airway recall resulted in more use of iGels for children as SGA
- 30% of agencies have an ECMO program option

# Sharing Best Practices is a Great Practice

