

THE FIVE KEYS

To Managing any Emergency Incident




SITUATIONAL AWARENESS



Defined as

- "Knowing what is going on so you can figure out what to do."

And

- "What you need to know to not be surprised."



SITUATIONAL AWARENESS

You can perceive many cues in the environment and still miss CRITICAL ones.

You can perceive CRITICAL CUES and still not be able to make SENSE of them.

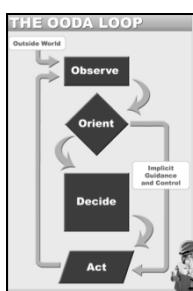
SITUATIONAL AWARENESS

Situational Awareness / Attention Management is the prioritization of applying brain resources to:

Visiting Nurse is Concerned Trouble Breathing Allergic to Peanuts!!! Sister has medical Power of Attorney Recent Antibiotic Prescription Had a lovely time at the flower show on Wednesday! Pulse 118 bpm ECG = Sinus Rhythm w/ PVCs Respirations 32/min. BP 180 / 100 SpO2 88% Weak !!!!! Leg Pain Diaphoretic Anxiety EtCO2 28% Surgery in 2004 for cysts. Urine has been "green-ish" Pale!! Elderly Petechiae

THE OODA LOOP

- Col. Boyd
- Observe
- Orient
- Decide
- Act
- Loop


5 KEYS: STAY KEEN

CODE - EASY

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- Cognition: We need more brains!
- Crew Resource Management

TIP



CODE - EASY

- **Observation:** Sense and Perception
 - Systematic (not robotic)
 - Crew Resource Management
 - Concise, systematic Hand-Off Reports

CODE - EASY

- **Distractors:** The Medic needs quiet time!
 - Assessment Prioritization
 - Checklists
 - Good Scene Management

CODE - EASY

TIP



CODE - EASY

- **Experience:** Knowing is half the battle!
 - Education
 - Simulation
 - Visualization
 - Practice
 - Mentorship

CODE - EASY

- **Easy:** A Lazy Medic is a good Medic
 - Field Guides / Apps
 - Checklists / Tactical Boards
 - Streamlined Protocols and Algorithms

CODE - EASY

1	Cognition
2	Observation
3	Distractors
4	Experience
5	Easy

Stay Keen
On Scene



YOUR JOB!

- Incident Commander
- Liaison
- Healer
- Technician
- Consultant
- Driver
- Radio operator
- Equipment Specialist



THE FIVE KEYS

1	• Size Up
2	• Call for Help
3	• Secure the Scene
4	• Identify Objectives
5	• Complete the “Next Task”

SIZE UP

- Through the Windshield
- Address / Area / Access
- Command location
- Actions
- Number of patients
- Dangers
- Operational Needs



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WHAT

CAN Reports					
Conditions	One patient pinned under dash Difficulty with lower extremities Stable vital signs	Actions	Planning to roll up dash Removing glass from windshield Establishing I.V. on patient	Needs	Manpower Send FD to assist Dispatch helicopter

HOW

- Mobile / Vehicle
- Portable
 - Walkie-Talkie
- Face to Face
 - In person
 - Runner
 - Bullhorn



WHO

- NIMS
- Own Agency
- Local
- County / Region
- State
- Federal



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SECURE THE SCENE

- Isolate and Deny Entry
- Me, Us, You, Them
- Hot, Warm, and Cold
- Triage, Treatment, and Transport
- Bullhorn & Banner Tape

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IDENTIFY OBJECTIVES

- Command & Control
- Identify
 - Objectives
 - Resources
- Delegate
 - Tasks
 - Authority



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- **NEXT TASK**
- Identify
 - Priorities
 - “Next Task”
- Make it so
 - Say
 - Do



- 1 Cognition
- 2 Observation
- 3 Distractors
- 4 Experience
- 5 Easy

- 1** **Size Up**
- 2** **Call for Help**
- 3** **Secure the Scene**
- 4** **Identify Objectives**
- 5** **Complete the “Next Task”**