

THE FIVE KEYS

To Managing any Emergency Incident






Flag of Honor
"The American Medical Association's commitment to the highest standards of medical care and the well-being of the patient."



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:

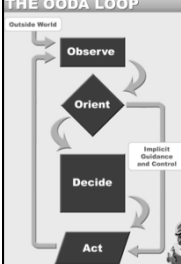

Visiting Nurse is Concerned Trouble Breathing Allergic to Peanuts!!!
 Sister has medical Power of Attorney Recent Antibiotic Prescription
 Had a lovely time at the flower show on Wednesday! Pulse 118 bpm
 ECG = Sinus Rhythm w/ PVCs Respirations 32/min BP 180 / 100
 SpO2 88% Weak Leg Pain Diaphoretic 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



THE OODA 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	Actions	Needs
One patient pinned under dash Difficulty with lower extremities Stable vital signs	Planning to roll up dash Removing glass from windshield Establishing I.V. on patient	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



STAY KEEN

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ON SCENE

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RESCUE RESOURCES

DIGEST

Helping You Help Others

The 5 Keys to Stay Keen / On Scene
The OODA Loop
Crew Resource Management
This Presentation

bit.ly/The5Keys

THANK YOU!

RIDGEFIELD FIRE DEPARTMENT

- What this was not...
- What this was...
- Who I am...
- Who you are...
- Because we are EMS, and we're here to help.

FOR MORE INFO

WWW.ROMDUCK.COM

WWW.RESCUEDIGEST.COM