

Videotaping Scene Cardiac Arrest Calls

Does anyone have a pin for this grenade?

Michael Levy MD, FACEP, FACP
Medical Director Anchorage Fire Department



Conflict of Interest

- none



Goals and Objectives

- Consider benefits of video information
- Review Anchorage Experience
- Consider ethics
- Provider Acceptance
- Is the trade off worth it?





cylo



Anchorage Fire Dept



Population ~300,000

EMS Calls 21,300

Personnel ~300

2013 OOHCA 160



ANCHORAGE FIRE
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Telecommunicator CPR



Lori Zaumseil
9-1-1 DISPATCHER

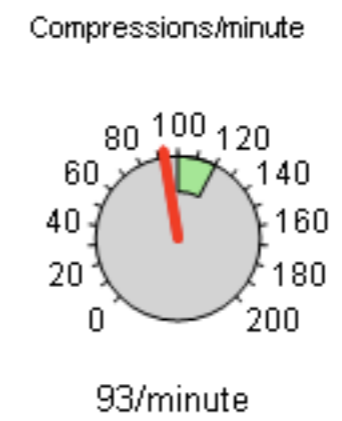
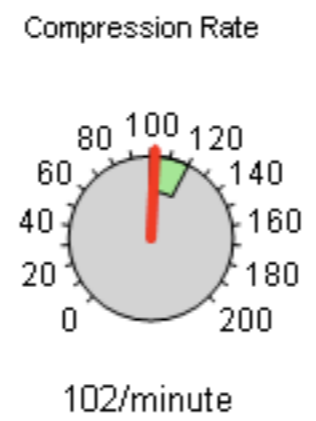
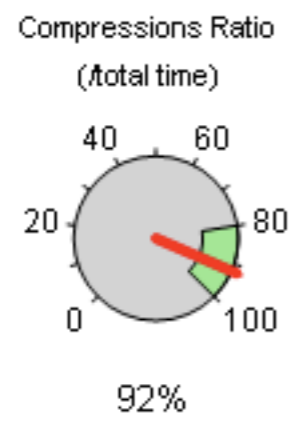
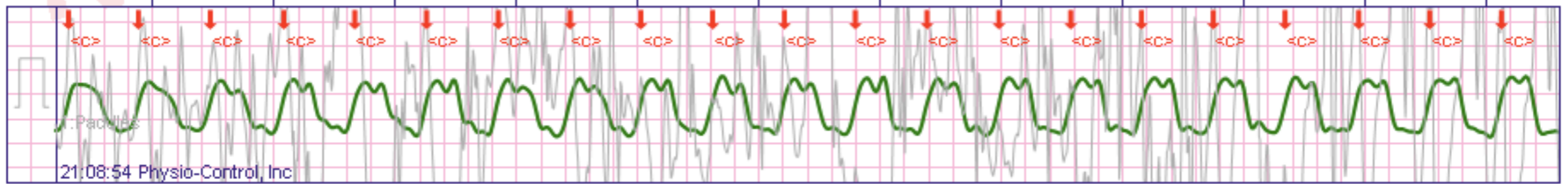
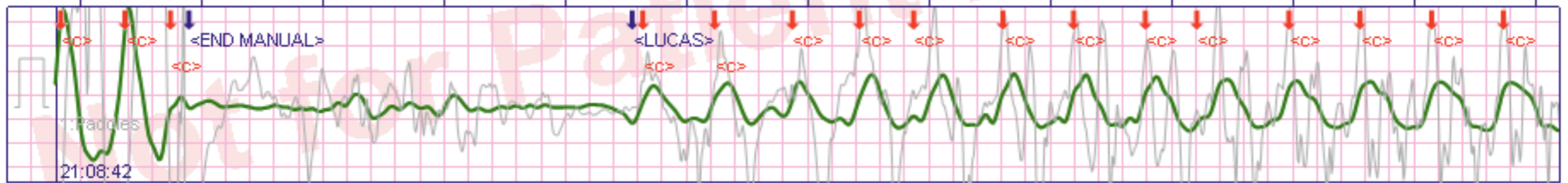
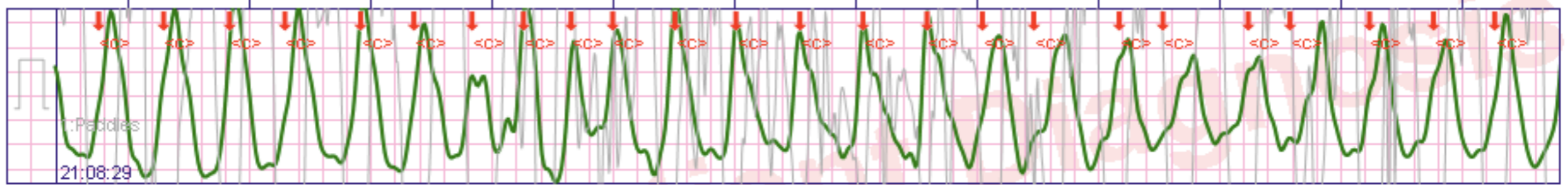
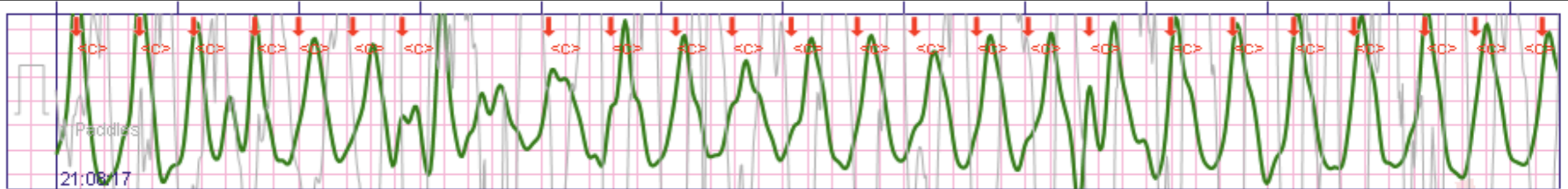
CBS 11 HD
KTVA.COM

We Can Measure Our CPR Performance



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We Can Follow Outcomes



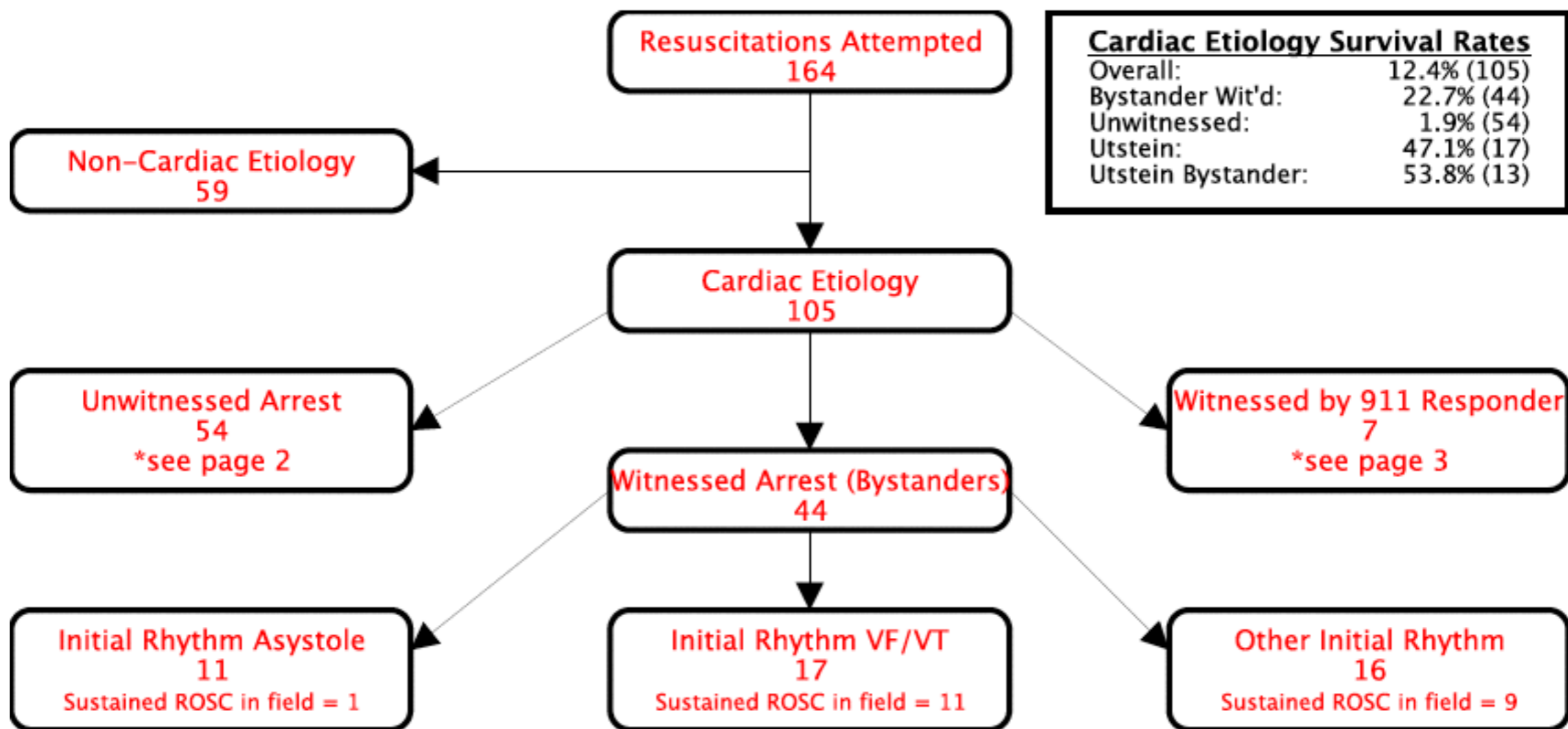
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Utstein Survival Report

Anchorage Fire Department

Service Date: From 1/01/2013 Through 12/31/2013



Cardiac Etiology Survival Rates

Overall:	12.4% (105)
Bystander Wit'd:	22.7% (44)
Unwitnessed:	1.9% (54)
Utstein:	47.1% (17)
Utstein Bystander:	53.8% (13)

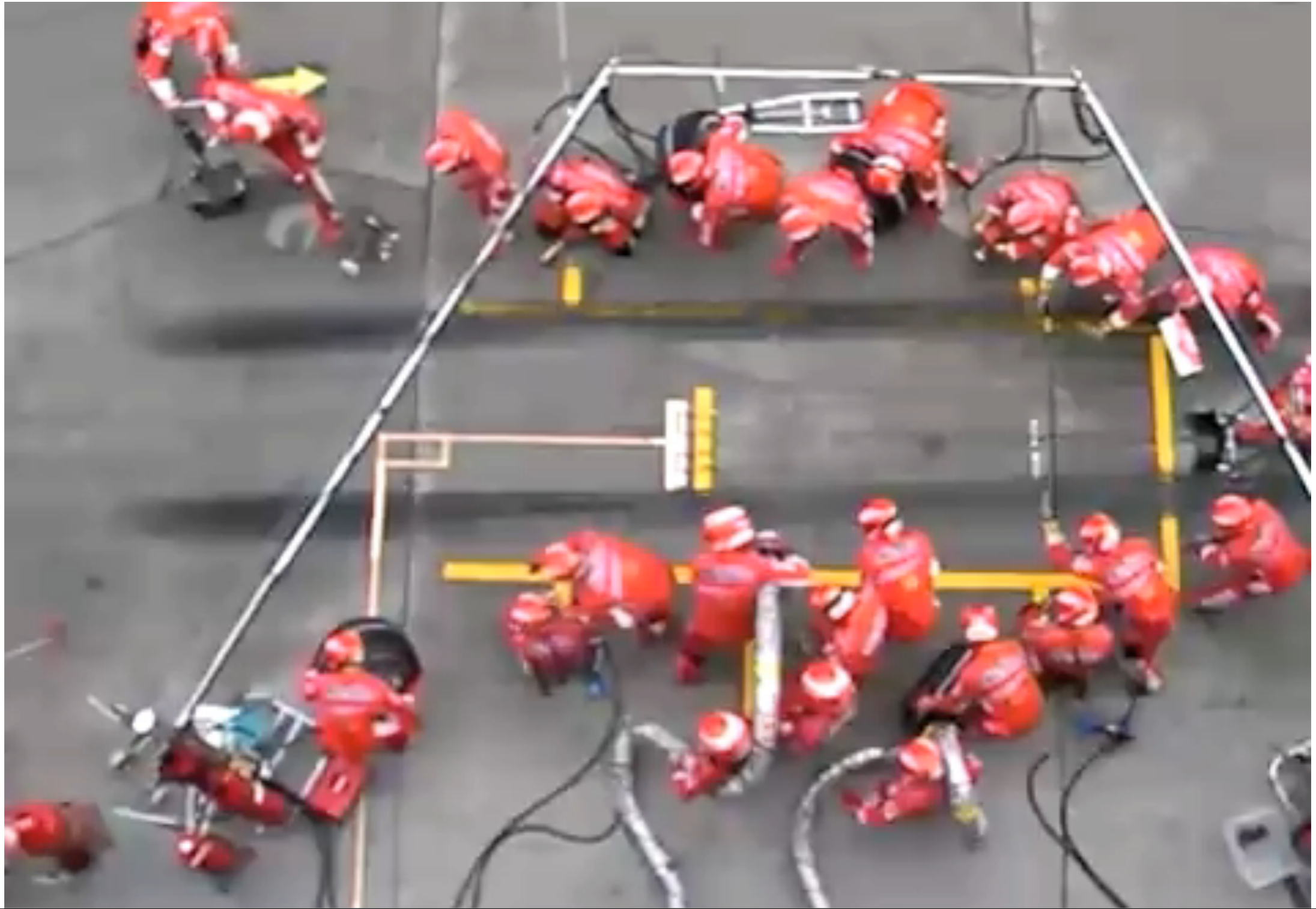


Still you only know what you know

- Monitor code summary showing 0 time as onset of monitoring but doesn't show latency
- How long did it take to organize the event?
- Guidelines followed?



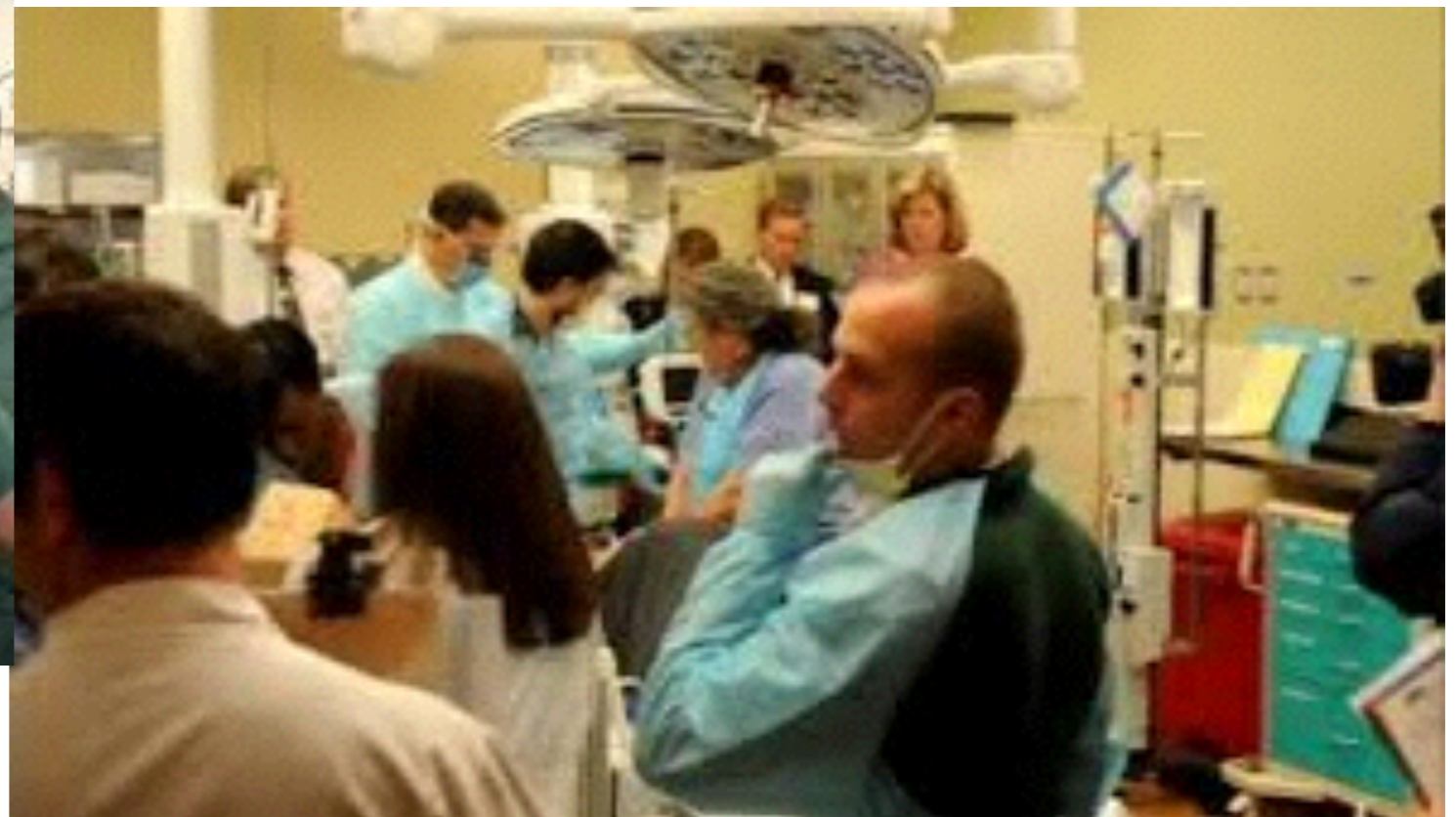
We Can Lecture About Pit Stop Approach



What if you video taped the
event?

Model: Trauma

- Commonplace at many trauma centers: motion activated camera in trauma bay



Goal

- Fly on the wall view of scene
- Better understanding of challenges
- Potential for improvement in system

Anchorage Trial

- 8 cases
- GoPro was brought in by EMS supervisor and affixed to monitor defib, at patient's head



Data Integrity



- MicroSD card removed from camera at the end of call and placed in a manilla envelope, sealed and signed by supervisor
- Brought directly to Medical Director who can solely review
- Reviewed and destroyed (physically, not overwritten)



* Stuttering of Lucas is film edits

Value Equation

- Confirmation of scene dynamics
- Understanding of challenges faced in a particular resuscitation
- Crew perspective



Challenges

- Ethics: is this an invasion of privacy?
- Consent: should you? If so, how?
- Timing: higher value if recorded from outset
- Legal issues?
- Recording of scene: what if contraband etc?
Changes provider role..?



Provider Perspective

- Could this be associated with discipline?
- “I don’t like being video taped”
- Concern about patient perception of video



Lesson Learned

- Balance of value versus conflict
- Must have a thoroughly vetted process with full disclosure and buy in from providers
- ...still have to weigh in perspective of family

