



# The Greatest Risk

*EMS and the  
Non-transported Patient*



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[www.doctorfowler.com](http://www.doctorfowler.com)



[www.uts.w.wa.gov.au](http://www.uts.w.wa.gov.au)

# **My Perspective**

*Save the whales: Collect the whole set!*

*42.7% of all statistics are made up on  
the spot*

*99% of lawyers give the rest  
a bad name*

*I intend to live forever....so far, so good*



# My Perspective

To steal ideas from one person is  
plagiarism;

*To steal from many is research*

# What I do...

*Sixteen EMS agencies*

*1,400 Paramedics*

*300,000 responses per year*



# **The Moral Imperative**

*Increase the human condition  
through commitment and  
devotion to duty*

# **The Moral Violation**

*Harming another human  
through dereliction of duty*

# **Dereliction of Duty**

*Knowingly failing to  
apply all due diligence  
to someone in need*

**ESPECIALLY**

*when responsible for the person*

# The Great Risks of EMS



*Airway Management*



*Driving Practices*



*Non-transport of “clients”*

# **Airway Management**

*The era is **OVER**  
when we can **EVER**  
justify a mis-placed **ET** tube  
that escapes detection*

# Airway Ethics in EMS

*“It is not acceptable  
once in a hundred,  
or a thousand,  
or a million intubations.*

*It is not acceptable at any time.”*

*Larkin GL, Fowler RL. Ethical issues for EMS: cardinal virtues and core principles. Emerg Clin No America 2002;20:887-911.*

# Misplaced ET Tubes

*They either NEVER went in  
or they came out*

*Both apply,  
and both must be prevented*



# Driving Practices

*The era is **OVER**  
in which we can **EVER**  
justify an ambulance accident  
by driving carelessly  
to or from a scene*



# Driving Practices

 *Speed limits must be obeyed*

 *Drive with “due regard”*

 *Road surfaces must be monitored*

# Driving Practices

*Promise this:*

*You will never harm*  
**YOURSELF FIRST,**  
**YOUR PARTNER NEXT,**  
**THE CITIZENS NEXT, and**  
**YOUR PATIENT LAST**



**The Care and Feeding  
of the  
“Non-transported Client”**

**THE U.S. EMS**  
**PATIENT NON-TRANSPORT**  
**ISSUE**

**How many of you  
were trained,  
in your initial training program,  
about how to safely  
non-transport a patient?**

# **BACKGROUND**

**DURING TRAINING,  
PARAMEDICS CANNOT POSSIBLY  
LEARN THE SUBTLETIES AND  
NUANCES OF EVERY POSSIBLE  
ILLNESS OR INJURY**

# **BACKGROUND**

**AS LONG AS THE PATIENT IS  
TRANSPORTED TO AN ED, THERE IS  
NOT LIKELY TO BE AN ADVERSE  
CONSEQUENCE OF A MISSED  
DIAGNOSIS**



# **BACKGROUND**

**BUT WHAT ABOUT PATIENTS WHO ARE  
NOT TRANSPORTED?**

# **SCOPE OF THE PROBLEM: PREVIOUS REPORTS**

- **Hauswald M; 2002: PEC 6(4): 383**
- **Silvestri S et al; 2002: PEC 6(4): 387**
- **Vilke GM et al; 2002: PEC 6(4): 391**
- **Pointer JE et al; 2001:**
  - **Ann Emerg Med 38:268**
- **Zachariah B et al; 1992:**
  - **Prehosp Disaster Med 7: 359**

# Hauswald 2002

- **Prospective survey in Albuquerque, NM**
- **236 patients**
  - **183 charts reviewed**
    - **97 patients recommended not to need ambulance transport**
      - **23 (24%) ended up needing it**
    - **71 patients recommended not to need ED**
      - **32 (45%) needed it**

# Hauswald 2002 - 2

- **ED diagnoses of those for whom “alternative transportation” was recommended included:**
  - Coma
  - Chest pain
  - Seizure, adult onset
  - Dislocated hip
  - Sepsis
  - Syncope
  - Pyelonephritis
  - Liver failure
  - Hypoxia
  - Severe bleeding

# Hauswald 2002 - 3

- **ED diagnoses of those for whom non-ED care was recommended included:**
  - Active labor
  - Extensive lacerations
  - Child abuse
  - Assault, multiple injuries
  - MVC, multiple injuries
  - Multiple drug OD
  - Liver failure
  - Fractures
  - Chest pain

## **Hauswald 2002 - 4**

**“Paramedics cannot safely determine which patients do not need ambulance transport or ED care.”**

# **Mark Hauswald**

*Former State EMS  
Medical Director  
for New Mexico*

# **Silvestri et al 2002**

- **“Prospective” survey in Orlando, FL**
- **313 patients**
  - **85 patients: paramedics felt no transport to the Emergency Department was necessary**
    - **27 (32%) met criteria for ED treatment**
      - **15 (18%) admitted**
      - **5 (6%) admitted to ICU**
      - **19 (22%) extensive imaging studies in ED**



## **Silvestri et al 2002 - 2**

- **Final diagnoses of the 15 patients felt not to need ED care included:**
  - **MRSA pneumonia**
  - **Aspiration pneumonia**
  - **CHF**
  - **Stroke**
  - **Femur fracture**
  - **Septic arthritis**
  - **Syncope**
  - **Hepatitis**
  - **Pancreatitis**
  - **Cocaine toxicity**

## **Silvestri et al 2002 - 3**

- **“In this urban system, paramedics cannot reliably predict which patients do and do not require ED care.”**

## **Vilke et al 2002**

- **Telephone survey of elderly patients who called 911, then refused transport**
- **636 patients**
  - **121 reached by phone**
  - **100 participated in the survey**
    - **Average age: 72.2 +/- 6.4 yr.**
    - **CC: 61% medical, 39% trauma**

## **Vilke et al 2002 - 2**

- **Reasons why 911 was called:**
  - **Worsening patient condition (53%)**
  - **Did not have primary care MD (14%)**
  - **No other transportation (12%)**
  - **Other reasons (21%)**

## **Vilke et al 2002 - 3**

- **Reasons why patient refused transport:**
  - Patient did not want transport (37%)
  - Concerned about ED cost/coverage (23%)
  - **Paramedics implied no transport needed (19%)**
  - Concern about ambulance cost (17%)
  - Language barrier (4%)

## **Vilke et al 2002 - 4**

- **Of the 100 patients, only 20 spoke with base station MD during paramedic visit**
  - **80 (80%) did not**
    - **39 (49%) would have changed their mind had they done so**

## **Vilke et al 2002 - 5**

- **70 (70%) received follow-up care for the same condition after the paramedic visit:**
  - **Family MD (38%)**
  - **Urgent care facility (35%)**
  - **2<sup>nd</sup> 911 call – ED transport (13%)**
  - **ED transport by private vehicle (13%)**
  - **2<sup>nd</sup> 911 call – treated @ scene (1%)**

## **Vilke et al 2002 - 6**

- Chief complaints of the **23 of 70 (32%)** of patients who were admitted at time of follow-up care included:
  - LOC
  - Abdominal pain
  - Chest pain
  - SOB
  - Fall
  - MVC
  - Migraine
  - Pulselessness
  - Nausea



# Pointer et al 2001

- **1,180 patients evaluated & triaged by paramedics with written transport guidelines**
  - **180 (15%) determined by paramedics not to require ED care**
    - **113 (63%) were under-triaged**
      - **22 (20%) were admitted**

## **Richmond et al 1999**

- **3,225 Elderly patients who initially refused transport**
  - **474 (15%) transported after OLMC consult**
  - **402 with paramedic opinion re: necessity**
    - **167 (41%): medic thought transport not necessary**
      - **27% eventually admitted**

## **Richmond et al 1999 - 2**

- **Consult with online medical control resulted in transport of 15% of elderly patients who initially refuse transport**
- **More than 25% of these patients were admitted (about 4% overall of those who initially refuse care)**

## **Richmond et al 1999 - 3**

- **“In the absence of contact with OLMC, field providers may not be able to accurately identify patients with medical problems requiring hospitalization.”**

# Zachariah et al 1992

- **MORE THAN 50% OF PATIENTS WHO CALLED 911 WERE NOT TRANSPORTED\***
  - **16% ULTIMATELY ADMITTED**
  - **4% ADMITTED TO ICU or DIED**
  - **30% of non-transported patients did not remember being given the option of being transported**

# CONCLUSION

DESPITE ADVANCED TRAINING IN  
PATIENT ASSESSMENT, PARAMEDICS  
CANNOT ALWAYS IDENTIFY THOSE  
PERSONS WHO DO NOT REQUIRE  
EMERGENCY DEPARTMENT  
EVALUATION OR HOSPITAL  
ADMISSION

# CONCLUSION

PARAMEDICS CANNOT RELIABLY  
PREDICT WHICH PATIENTS DO & DO  
NOT REQUIRE TRANSPORT or  
EMERGENCY DEPARTMENT CARE.

# Paint Gun







# CONCLUSION

THE IMPLICATIONS OF  
PATIENT NON-TRANSPORT  
ARE SUBSTANTIAL

*ADVERSE PATIENT OUTCOME*

## LIABILITY

- » INDIVIDUAL PROVIDERS
- » AGENCIES
- » SYSTEM

# **ADDITIONAL FACTORS**

- **HOSPITAL ED OVERCROWDING**
- **AMBULANCE DIVERSIONS**
- **DWELL TIMES IN THE ER**
- **SYSTEM COST OF “UNNECESSARY”  
TRANSPORTS**
  - **EQUIPMENT**
  - **PERSONNEL**

# MITIGATING FACTORS

- **RISK OF AMBULANCE TRANSPORT**
- **MANY PATIENTS TRANSPORTED, IN RETROSPECT, DO NOT BENEFIT FROM THE CARE DELIVERED OR FROM THE MORE RAPID TRANSPORT**  
(Kost 1999)



**Two little old ladies were attending a rather long church service.  
One leaned over and whispered, "My butt is going to sleep."  
"I know," replied her companion, "I heard it snore three times."**



# Four Types of Non-Transported Clients

- True Refusals
  - The “Non-patient”  
(nobody with ANYTHING wrong)
- Those requesting a physical exam so that they can then decide
  - Patients talked out of going

**People USED to call us**  
**for ONE Reason**

**Take me to the  
hospital**



**Life was easy then**

**It's not true**  
**anymore!**

**We've created**  
**a monster**



**Because we're so good,**  
**and so prompt,**  
**and give so much**  
**to our citizens...**

**We're now their**  
**handy dandy,**  
**come check me out,**  
**and I'll let you know**  
**if I decide to go**  
**to the hospital**

## “Professional Rescuers”

know that EMS rides are pricey,

that hospitals are expensive,

that they often don't get billed if

they are treated on the scene

and released

*(like giving dextrose or albuterol)*

*...like...*

Daddy had some chest pain,  
do an EKG and check him out,  
and we'll decide what to do...



***Or***

**“Just check him out  
and then let me know  
what you think we should do  
and then we’ll decide...”**

# Back to the Moral Imperative

- You cannot
- You must not
- ***YOU MAY NOT***

...do something that you are NOT  
trained to do...

...especially when it might hurt someone...

# **YOU MAY NOT...**

**Render a clinical opinion  
as to a specific diagnosis  
if you have not been trained  
in that field, been determined  
qualified to express that opinion,  
and licensed to do so**

*...especially...*

---

*In the night...*

*...when you're exhausted...*

*...when it's 6 a.m. and you're  
getting off at*

*7 a.m. and the patient's doctor  
opens at 8 a.m.*

# ***You know the drill***

**Well, Ma'am, your vital signs are okay,  
and this EKG looks okay, and  
you aren't having any symptoms now,  
and WE'LL take you to the hospital...**

***...but since your Vitals are okay, this may not  
be an emergency, and our ambulance ride is  
\$500, and since it may not be an emergency,  
your insurance may not pay for it...***

# *You know the drill*

We'll take her to the hospital if you want,  
but since her Vitals are okay,  
she's probably okay to go by car...

*...but we'll take her if you want...*

# *Case in Point*

2 y/o DIB

EMS at restaurant, food has just come

Respond emergency

“2 y/o DIB, making goo-goo eyes,  
chest congested, R – 40”

(Sign here for the free TV)

# *Case in Point*

**Same unit responds  
two hours later  
to a respiratory arrest on this child  
who expired 4 days later  
of brain death in the ICU**



# *Case in Point*

**They were distracted by hunger**

**Their evaluation was wrong**

**They expressed an opinion that they were not  
qualified to make**

**...and they killed a kid...**

# *Case in Point*

**Kid was clearly sick**

**“Congested” = Rales and wheezes**

**Respirations >40**

**The medics didn't look...**

# *Case in Point*

**...and what was the only thing  
that they could say in their defense  
at their depositions when they were  
asked about why they had not followed  
the protocol for pediatrics which required  
medical control contact???**

# *Case in Point*

**“WE NEVER  
SAW THAT  
PROTOCOL!”**

# *Another Case*

**Medics respond to a young adult  
with a high fever**

**Patient has JUST been to the doctor  
and has come home with prescriptions**

**The fever is 104 degrees**

***What did the medics do?***

# *Another Case*

**Told the patient to  
push plenty of fluids,  
start taking the medication,  
take Tylenol for the fever,  
and give the treatment  
time to work**

# *Another Case*

Why did the Medics say that?

*Because the patient  
had seen the doctor, and the  
doctor must have been right!*

# *Another Case*

**What happened?**



# *Another Case*

*The patient was dead of sepsis  
by morning...*

# *Yet Another Case*

**Bum living in a bum place  
was burned when a  
heater caught his shirt on fire**

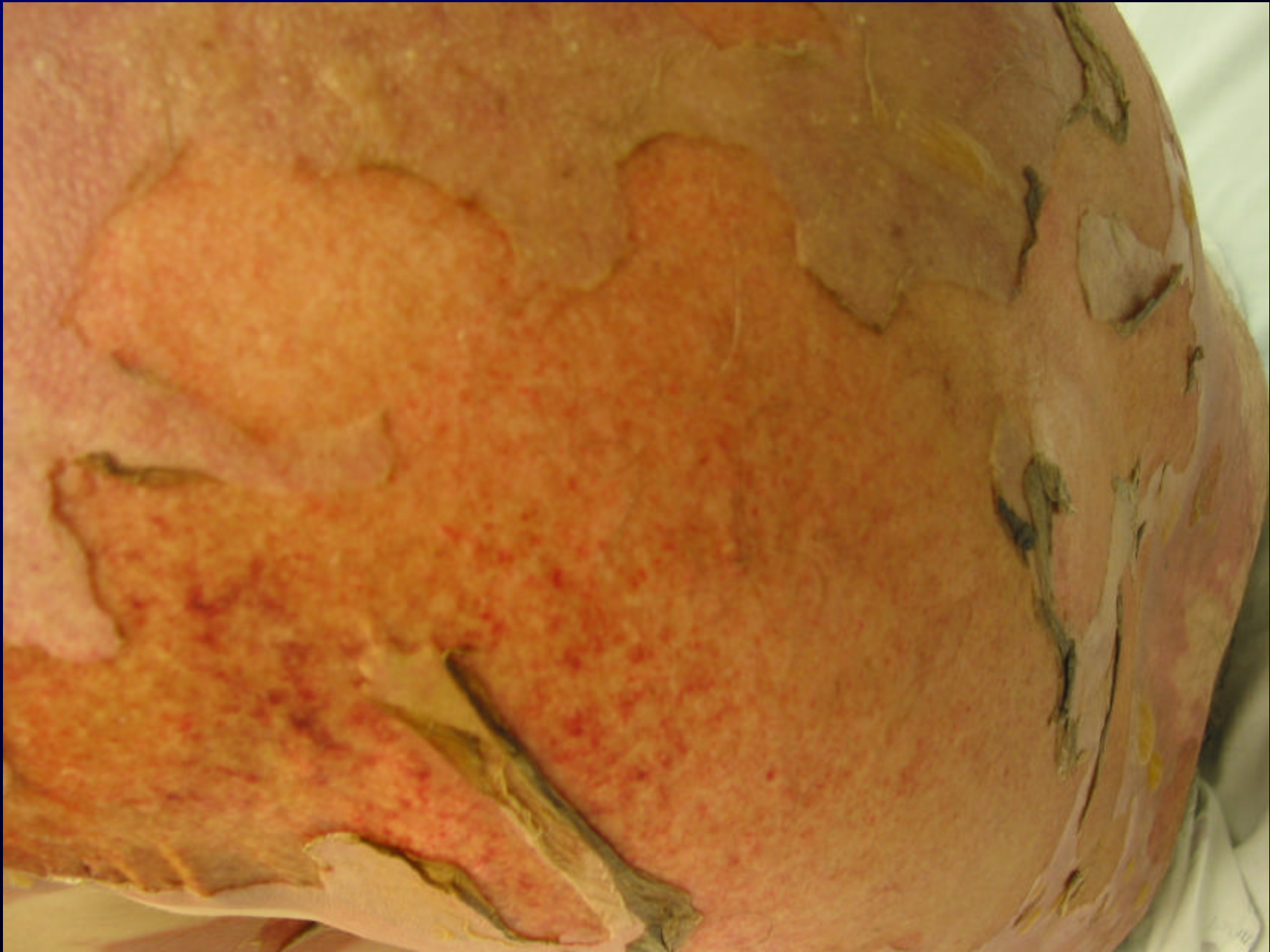
# *Yet Another Case*

- **Medics responded**
- **Guy had NO PAIN and was pretty stinky**
- **No loaded the guy**

# *Yet Another Case*

**Fowler sees him at Parkland  
two days later**





# *Yet Another Case*

*A brief prayer meeting was held  
with the medics*

# *Yet Another Case*

*Medics said, “well, the guy  
wasn’t having any pain”*



# *Yet Another Case*

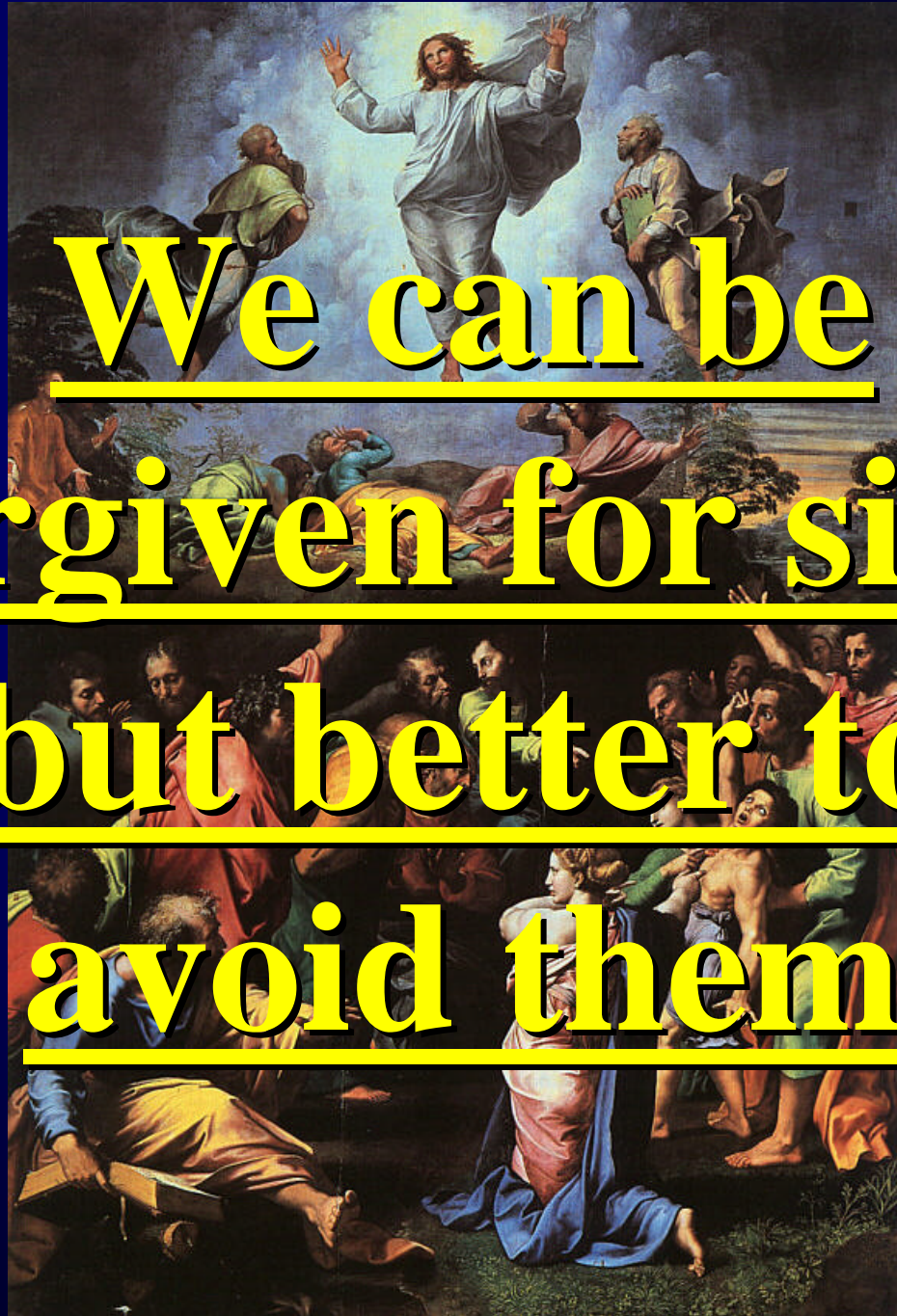
*I said, “guys, 3<sup>rd</sup> degree burns often have no pain, and this guy had almost 18% TBSA burns”*

# Coercion

*“Any attempt to persuade a patient to do something that satisfies a need of the medic but that may be adverse to the patient”*

**Coercion**

**is a sin**



We can be  
forgiven for sins,  
but better to  
avoid them

# **The Dallas Situation**

**We respond to almost 250,000  
patients annually, transporting  
some 91,000**

# **The Dallas Situation**

**We have some 300  
non-transported  
patients per day in our system**

# The Dallas Situation

*How in the WORLD do I do  
quality control on  
such a situation?*

*I don't get run sheets sometimes  
for weeks or months at a time*

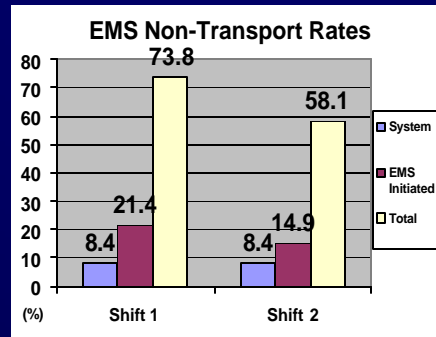
# Non-Transport of EMS Patients: *Identification of Individual Paramedic Crew Behaviors Through System-wide Automated Audit Mechanisms*

Raymond L. Fowler, MD; Paul E. Pepe, MD, MPH; David M. Melville, BS; and Alexander L. Eastman, MD

*The Section on Emergency Medical Services, Department of Surgery  
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## Background

Many EMS systems use non-transport policies to optimize resource utilization. While well-intended, such policies may increase the risk of mistriage and potential for bad outcomes. Therefore, in any system allowing non-transports, effective monitoring methods are strongly recommended. The purpose of this study was to demonstrate the utility of a system-wide audit of automated EMS records to identify varying rates of non-transport among individual paramedic crews, thus allowing identification of potential areas for focused investigation and intervention.



## Methods

A retrospective analysis of 906,011 EMS incidents from 1998 to 2003 in a large, urban EMS system was performed. Data from computerized EMS patient records were reviewed and entered into a proprietary Microsoft FoxPro (Microsoft Corporation; Redmond, WA) database. Generated reports were then exported into Microsoft Excel for compilation and analysis. These data were analyzed with specific regard to variation in the rate of non-transport across individual crews, shifts and stations.

## Results

During the 6-year study, no patient was transported to a hospital in 541,920 incidents (59.8%). Great variability was found in both the rate and reason for non-transport. The highest overall rate of non-transport by an individual crew, "Shift 1", was found to be 73.8% and this individual crew maintained the highest non-transport rate in the system for five of the six study years. A second crew at the same station, "Shift 2", had an overall non-transport rate of only 58.1% (OR: 1.9 [1.8,2.1]  $P < 0.00001$ ). The EMS-initiated (versus patient-initiated) non-transport rate for Shift 1 was 21.4%, as compared to Shift 2, whose EMS-initiated non-transport rate was 14.9% (OR: 1.9 [1.7,2.1]  $P < 0.00001$ ). System-wide, the overall EMS-initiated non-transport rate was 8.4% (range: 2.8%–21.4%).

**SOUTHWESTERN**

## Conclusions

In a large urban EMS system, considerable variability exists between individual crews regarding both the rate of non-transports and the reasons for non-transport. While multiple geographical and sociological variables may explain this variation, across the system, this analysis still provides strong data to justify targets for review (e.g. large differences in transport rates at the same station on different shifts). Further study should determine whether this focus allows medical directors to more efficiently direct corrective interventions and provide remedial training where indicated.





**We pulled 906,011 records over  
six years looking at  
non-transport trends**

**We found that one shift in one station was 100% more likely to no-load patients than the shift at that station with the lowest non-transport rate**

**P value = <0.0001**

**P value = <0.0001**

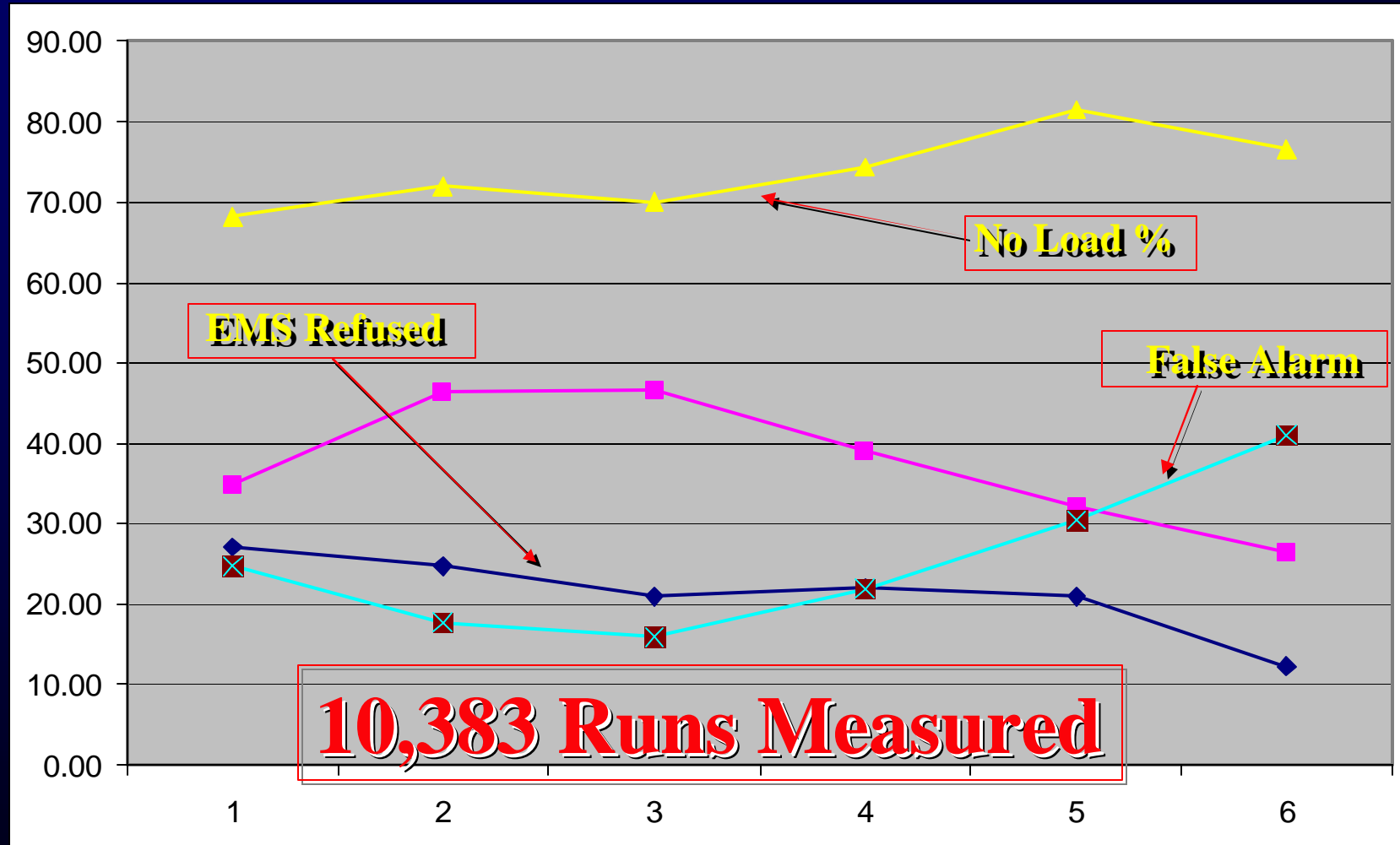
*This means that the  
likelihood of this occurring  
by chance is virtually  
impossible*

**One year,  
that shift had an  
82% non-transport rate  
compared to  
59% no-load rate  
for the other shifts**

**So, when we went to develop a  
“Policy for Non-transport”,  
*we went to the professionals!***

**And, after working with them,  
their “EMS Refused” rate  
went down and their  
“false alarm” rate doubled**

# The Notorious Shift



**We did  
what we  
had to do**



**We  
nuked  
their  
team**



***SOLUTIONS!!***

- **UNIFORM SYSTEM POLICY**
  - **ALL AGENCIES**
- **ADDITIONAL PARAMEDIC EDUCATION**
  - **INITIAL & CONTINUING**
- **PROMPT AUDITS & OVERSIGHT**
- **REMEDICATION**
- **DISCIPLINARY ACTIONS**

# The Dallas Situation

## *Answers:*

- **Electronic PCR's**
- **Anecdotal review**
- **Specific audits of problem providers**

# The Dallas Situation

## *Electronic PCR*

**The answer to a prayer  
for large urban systems**

# The Dallas Situation

## *Electronic PCR*

Send to my email inbox every morning every chest pain above the age of 35 who was non-transported and who did not get a 12 lead

# The Dallas Situation

## *Electronic PCR*

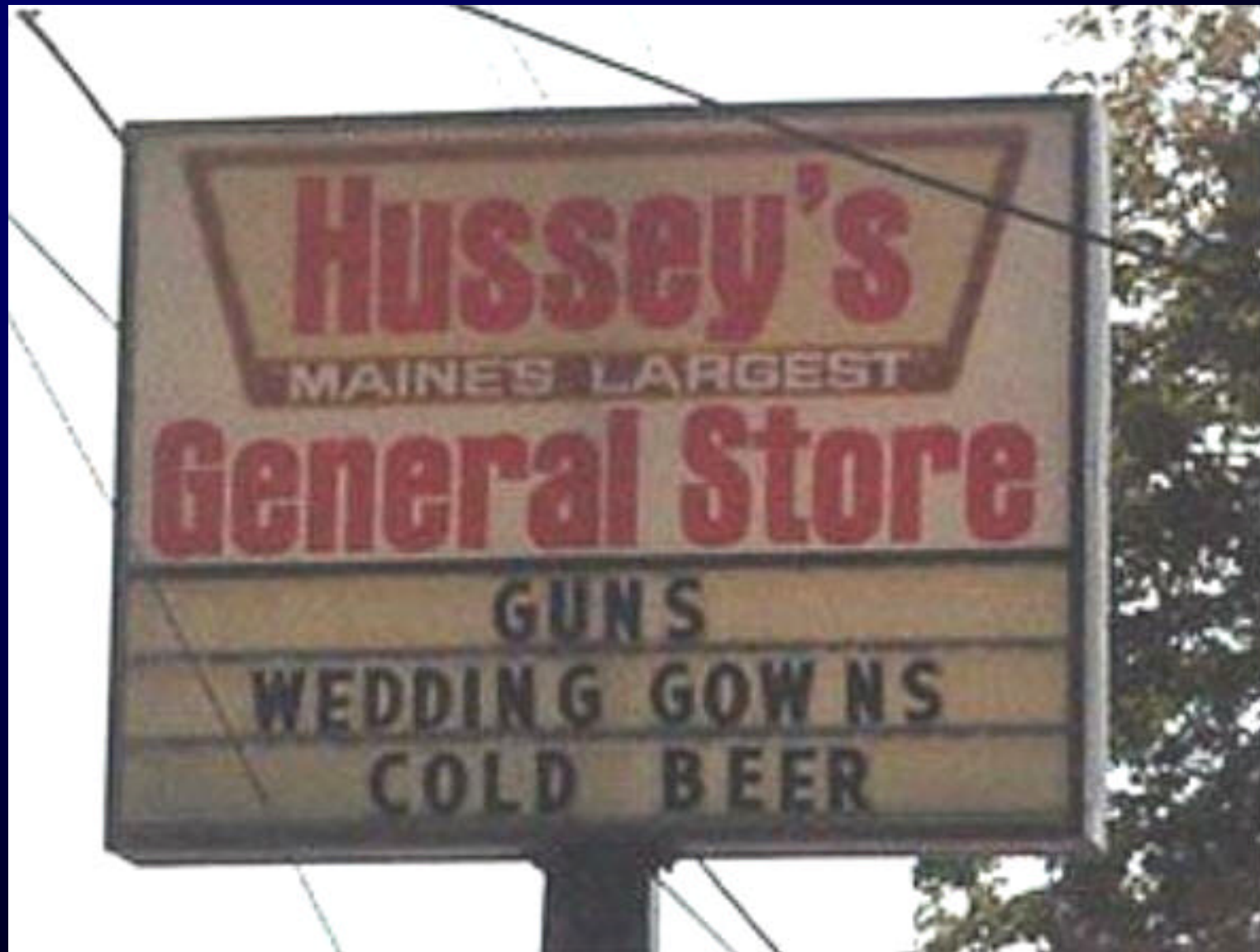
**Send to me every no-load  
by station 7xx Shift B that was above  
the age of 65**



# The Dallas Situation

## *Electronic PCR*

Indeed: Send me ANY run forms  
from Shift B that did not meet  
specific Mandatory Transport  
guidelines



**Hussey's**

MAINE'S LARGEST

**General Store**

GUNS

WEDDING GOWNS

COLD BEER

# **Mandatory Transports**

# Remember!

Why did they call you to  
“take their blood pressure”???

Because they're off meds,  
they're having a headache or chest  
pain...

*...and they're scared...*

*...and they're scared...*

*...of cost...*

*...of illness...*

*...in denial...*

*...leaving home...*

*...going to hospitals...*

*...even, of you perhaps...*

*...and they're scared...*

*the same things  
that you and your family  
would be scared about*

*...and they will  
sue your  
a-- off if you  
screw up...*

*In examining and  
rendering an opinion  
of the “need for an ER visit”,  
you are being  
asked to do something that  
you are not trained to do*



***EMS Field Experience  
is not enough to predict  
the need for ER treatment  
and hospitalization  
in MOST cases***

*And the lure  
to be able to  
express an  
opinion is  
intoxicating*

# Adult Vital Signs:

- SBP < 90
- Pulse > or = 100 at rest
- Any fever, defined as a temperature above the patient's normal temperature
- Abnormal respiratory rate for the patient's age
- Blood glucose < 60
- Oxygen saturation < 94% on room air

# Cardio-Respiratory:

- Any patient who complains of shortness of breath or difficulty in breathing
- Any patient, with or without cardiac history, who complains of chest pain or discomfort.
- The area of the chest includes an area from the jaw to the waist, anterior and posterior, including the back and the arms.
- A DBP  $>110$  or any blood pressure  $>140/90$  in a pregnant patient.

# **Abdominal pain associated with any of the following:**

- **Vomiting**
- **Fever**
- **Any recent abdominal surgery, including C-sections and abortions**
- **Abdominal pain radiating through to the back**
- **Any vomiting of blood, blood from the rectum, or tarry stools**

# Overdoses:

- All intentional overdoses
- Accidental overdoses:  
**Contact Medical Control for Disposition**

# Neurological:

- **Altered mental status**
- **Passed Out Prior To Arrival (POPTA)**
- **Seizures under the following conditions:**
  - ✓ **First time seizure**
  - ✓ **Patient with active seizure activity**
  - ✓ **>1 seizure**
  - ✓ **Pregnancy**
  - ✓ **Fever**
  - ✓ **Associated with trauma**
  - ✓ **Prolonged post-ictal state >15 minutes**
- **Focal motor or sensory deficits or slurred speech**

# Pregnancy:

- Seizure witnessed or by history
- Active contractions
- BP > 140/90
- Vaginal bleeding
- Fever



# Age:

Any patient > 65 years of age with ANY complaint except:

- Medication refills AND medical history, primary survey, and secondary survey reveal no acute problems
- Requesting transport to a doctor's appointment AND assessment reveals no acute problems

**Age:**

**WHICH MEANS THAT YOU  
HAVE TO TALK TO AND  
EXAMINE THE PATIENT!!!**

# Age:

**Any minor, defined as <18 years of age, who meets ANY Medical Control definitions of medical illness.**

**Parents present with the minor may refuse care and transport on the behalf of the minor, but they must sign a statement of refusal, as defined above.**

# Age:

**If the minor has an actual or potential injury, a medical history suggestive of a life-threatening illness, or abnormalities of the primary or secondary survey suggestive of a life-threatening illness, Medical Control should be contacted to assist in persuading the parents to permit transport.**

# Trauma:

**Motor vehicle collisions of any type, including pedestrians struck, will be encouraged to accept treatment and transportation to the hospital. This will apply even if no apparent injury exists.**

**Stab and puncture wounds to the head, neck, trunk, or proximal extremities will be transported.**

**Stab or puncture wounds to the distal extremities will be transported if there is evidence of arterial injury (cool extremity, diminished pulse, decreased capillary refill) or active bleeding.**

- **Fractures, or suspected fractures, with the following signs or symptoms must be transported:**
  - ✓ **Open wound adjacent to the fracture site, including any non-intact skin in this area**
  - ✓ **Tenting of the skin**
  - ✓ **Any long bone fracture, open or closed**
  - ✓ **Any fracture involving the trunk or spine**
  - ✓ **Any fracture associated with neurovascular compromise**
- **Any amputation or near amputation**
- **Any head injury**
- **Any patient with major traumatic injuries, or who has a mechanism for a major injury, even if there is no apparent injury, must be transported to a Trauma Center.**

**In the BioTel system these centers are:**

**Parkland Hospital**

**Baylor Medical Center**

**Methodist Medical Center**

# Burn Patients:

**Adult burn patients will be transported to Parkland Hospital Emergency Department**

**Pediatric burn patients with major or moderate burns (including chemical or electrical) will be transported to Parkland.**

**Major and moderate burn injuries meeting the criteria include:**

**>10% body surface area partial thickness burns**

**>2% body surface area full thickness burns**

**Burns involving the face, ears, eyes, feet, hands, or perineum**

**Any electrical burn**

**Chemical burns, excluding isolated eye injuries,**

**which will be transported to the closest appropriate facility**

# **Pediatric burn patients with minor injuries will be taken to CMC:**

**Minor burns include:**

**Isolated inhalation injuries**

**Minor or small (<2% TBSA) isolated burn injuries**

**(excluding hands, feet, and perineum).**

**Chemical burns isolated to the eyes.**

**Pediatric burn injuries of any severity that present with respiratory or cardiovascular compromise will be resuscitated at CMC.**

**Any questions regarding hospital destination should be directed to BioTel**



# **Transportation of Abandoned Infants:**

**When EMS personnel are called to any location to retrieve an abandoned infant, the infant must be transported to CMC.**

**Child protective services must also be contacted**

# EMIS Refusal

# **EMS Refusal:**

## **The Paramedic May Deny Transport IF:**

**The patient has NO medical history indicating the possibility of an emergency medical condition, is hemodynamically stable, AND does not meet the above transport criteria.**

**The EMS provider must provide a written statement that demonstrates why the patient does not meet the transport criteria. Medical history, vital signs, mental status, and the results of the primary and secondary surveys must be documented, including why, in the Paramedics' judgment(s), the patient did not require EMS transport.**

**If the patient meets ANY of the criteria discussed in this policy, MEDICAL CONTROL will be contacted before the patient is discharged from care.**

**The ADMINISTRATOR will promptly review the record of any EMS refusals of care.**

**Do NOT be a hero!**

**You MAY *NOT***  
**imply that the**  
**patient is safe to**  
**remain at home**

# Examples:

- *Lacerations, punctures*
- *Fevers*
- *The diabetic who comes around*
  - *Brief LOC that is resolved*
  - *Chest pain that is resolved*
  - *Vomiting in the elderly*

**Give me**  
**three reasons that**  
**a diabetic will be**  
**found hypoglycemic!**

**Taking insulin**  
**without eating:**

**Ignorance**

**An acute illness:**

**Sick**

**Medications change:**

**Situation not stable**



**There are**

**NO**

**other**

**reasons!!!**

**On the times that YOU**  
**have no-loaded a hypoglycemic,**  
**have you RULED OUT**  
**all of these ?**

**#1 – Ignorance**

**#2 – Sick**

**#3 – Medications change**

**Did you determine that**  
**an emergency was**  
**present or not?**

**#1 – Ignorant**

**#2 – Sick**

**#3 – Medications change**

Aren't we lulled into an  
odd mix of issues:

**Emergency medicine**

**vs.**

**Public Health**

# **Hope for the Future:**

**EMS becomes a  
mix of emergency medicine  
and public health**

# **Hope for the Future:**

## **The EMS Scope of Practice Project**

# Hope for the Future:

Training in 2010 may  
**INCLUDE** how to determine  
that patients do not have  
emergency conditions and can be  
linked to other  
public health venues

# Summary Thoughts . . .





**Do NOT**  
**be a GUNSLINGER!**

**You have NOTHING**  
**to prove by**  
**NOT transporting**  
**a patient**

**You may NEVER**  
**try to talk a patient**  
**out of going to a**  
**hospital to**  
**serve your needs**

**That is a sin...**

**It is wrong...**

**It may hurt  
somebody...**

...and it may  
end your career  
in ruins...

*“It isn’t what it ISN’T,  
but what it MIGHT BE  
that will get you  
in trouble....*

*....and possibly harm  
your patient!”*

**Remember**  
**the**  
**Moral**  
**Imperative**



[www.uts.w.wa.gov.au](http://www.uts.w.wa.gov.au)

[www.biotech.wa.gov.au](http://www.biotech.wa.gov.au)





***Questions or Comments?***

A sunset scene with several parachutes and skydivers. The sky is a mix of orange, yellow, and red. There are about ten parachutes of various colors (green, blue, orange) and several skydivers in silhouette. The website address is overlaid in the center.

[www.rayfowler.com](http://www.rayfowler.com)