

Wake County EMS System  
Peer Review Meeting Minutes  
11/15/2018

Reema Alnizami	Candice Eason	Shelby Pollard
Weam Ayesh	Manuel Elborne	Demetric Potts
Michael Bachman	Aly Elgamal	Mariah Price
Doua Badr	Omar Elgamal	Brandon Ragone
Eman Badr	Lizbeth Frausto	Eleanor Rawls
Carolina Benson	Don Garner	Sharlynn Rodriguez
Lawrence Berdan	Melissa Gonyo	John Sammons
Zaynab Bouri	Jeffrey Hammerstein	Tyler Schnedler
Dave Bowen	Jake Hardison	David Schwartz
Katie Jo Bozelli	Karla Hernandez	Qudsia Shami
Jillian Carroll	Wilbert Hernandez	Hannah Sherlock
Steve Cohen	William Hernandez	Addison Smith
Chris Colangelo	Dale Hill	Jacob Smith
Vicki Coles	Josh Hodge	Maggie Smith
Sandra Costa	Ashley Hopkins	Tracy Smith
Jarrin Costa	Chantal Howard	Jennifer Sollami
Stefany Costello	Victoria Huffman	Ciera Sullivan
Ahmed Darwish	Jasmine Johnson	Matthew Supples
Isra Darwish	Vince Kauth	Rebecca Talton
Yusuf Darwish	Omar Kass-Hout	Garland Tant
Angela Dean	Seth Komansky	Traci Van Deventer
Kathryn Deary	Analese Massi	Melissa Watz
Mallory DeLuca	Saad Naitbella	Yvonne Wheeless
Sophia Denardo	Jon Olson	Ameen Zafiruddin
Bob Denton	Tina Perry	Yasmine Zougarhi
Chelsea Dewell	Tim Plonk	Allison Zumwalt
Shae Earles	Douglas Pluta	

Meeting called to order by Dr. Jose Cabanas called to order 1840.

**Welcome, Approval of Minutes**

Jeffrey Hammerstein – Citizens Academy is attending Peer Review today.

Jose Cabanas – The new academy is attending tonight as well.

**Approval of Minutes**

Motion by Garland Tant

Second by Angela Dean

**Operations Report – Presented by Seth Komansky**

New Station at Wendell Main  
Review of Last Quarter  
Hurricane Florence – Bus to the East, Shelter Ops  
Hurricane Michael  
Glenwood Towers Fire – Equivalent of 7 alarms worth of EMS units  
NC State Fair – Lower numbers than expected

Dr. Jose Cabanas – Thank you to all hospital networks for strong communication helping navigate difficult scenarios.

Question: How many out of county units responded to Glenwood Towers Fire?  
Seth Komansky – 6 out of county units, with every adjacent county to the county line to run calls in Wake county

Coming this quarter:  
NHL  
Football  
Dreamville in April 2019

### **EMS Response Data Report – Presented by Jon Olson**

Increase of 3.75% over last year up to this point

ESTAT – Trending up  
Diversion – Red and Yellow used but nothing stands out. One black diversion for 4 hours and 15 minutes.

Dr. Jose Cabanas – We would like to build forecast out of the amount of resources needed over time due to growth. Are you guys planning?  
Rex Representative – Rex is building a neuro ICU with 5 added beds, with plans for up to 10 beds by mid-next year.

Dr. Jose Cabanas – Having the infrastructure in the community is going to be critical to handle the growth.

### **Clinical Report – Presented by Mike Bachman**

STEMI – The crews are doing a good job.  
STEMI – There were 5 over triage. – 4% increase which is 1% more than what we have seen in the past.  
STEMI – EMS is trending up in ASA administration.  
STEMI – Patient contact to 12 lead acquisition time is in the 5-6 minute range.  
Stroke – EMS has had a great run with BGL in August.  
Stroke – 12 Lead compliance is better than in the past.  
Stroke – Stroke patients receiving intervention – questions for stroke committee.  
Discussion on questions to bring up at the stroke committee meeting.

Trauma – Scene times are back up to the 90%.  
Cardiac Arrest – Numbers are a bit down than we have seen in the past.  
CPAP – New CPAP unit was put in practice to decrease time from patient to initial CPAP application, however it did not help.  
Seizure – The treatment with versed is consistent  
First Responders – Narcan use continues to increase (remember LEO administers it as well)  
Alternate Destination by APP – EMS continues to do a good job, but we are looking at other ways to help the patients going forward.  
Alt Destination by APP rejected  
APP Home Visits – New form – no new clients – We need to work through some technology issues  
QA Review – Small numbers, 5 out of 296 providers

### **Antibiotics for Open Fractures – Presented by Jeff Williams**

Time to antibiotic administration is most important. Charlotte and Chicago are already doing it. It is easy, safe and no harm to have it on ambulances.

Review of Studies to support antibiotics in prehospital setting

This is already in State Protocols – Wake County specific antibiotic is 2g Cephazalone

Resuscitate first

Get off the scene first

Review of data from Mecklenburg County shows administration is on average, one time per week.

Dave Bowen - Age cutoff?

Dr. Jeff Williams - Probably 18. More likely weight based for adults.

Dr. Bob Denton – Scene time, cost of antibiotic, what is the benefit?

Dr. Jeff Williams – It costs approximately \$1 - \$10 per dose. We will give it less than it is indicated due to short transport times. High injury severity and Ancef will be way down the list on the treatment protocol. Getting the little “vially thing” would help with the set it and forget it.

Chief of Ortho Trauma surgery approved the movement.

Dr. Bob Denton – Is there data on IM administration?

Dr. Jeff Williams – We have not looked into it.

Dr. Bob Denton – Why not peds?

Dr. Jeff Williams – All of the data that I’m aware of is on adults. There is no reason not to, but we would need to run it by the pediatricians.

Request for a motion to use antibiotics for open fractures.

Motion made by Steve Cohen.  
Second by Chantal Howard.  
Unanimous Approval

Update on ECPR timeline

Working with Hospitals in the system (Rex and Wake Med) for difficult Cardiac Arrest patients. Historically, we have not transported these patients

We can recover with ECMO.

EMS is investing in mechanical CPR next year.

Protocol update and implementation in July.

**Professional Development – Presented by Don Garner**

The majority of the time is spent doing Simulations and Academy.

EMS has brought on approximately 77 new hires.

**Research Report – Presented by Jeff Williams**

Opioid Project – comparing fatalities due to opioid overdose to ems encounter

Falls Program – Presenting in January 2019 at NAEMSP looking at 1 year out

**Any other business?**

Tim Plonk is the new medical director at Duke Health Raleigh.

Dave Bowen – Shares compliments related to Glenwood Towers incident and staff working that day.

Motion to adjourn made by Chris Colangelo  
Second by Don Garner