



# Pre-hospital Committee

BVRAC Pre-hospital Committee

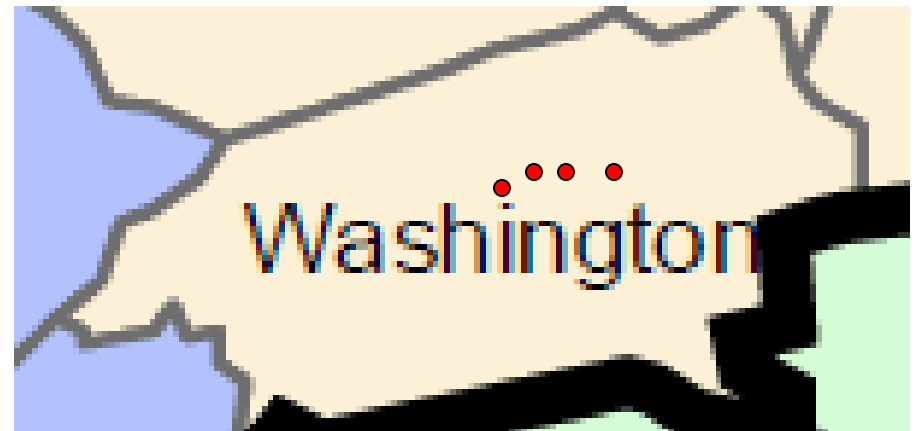


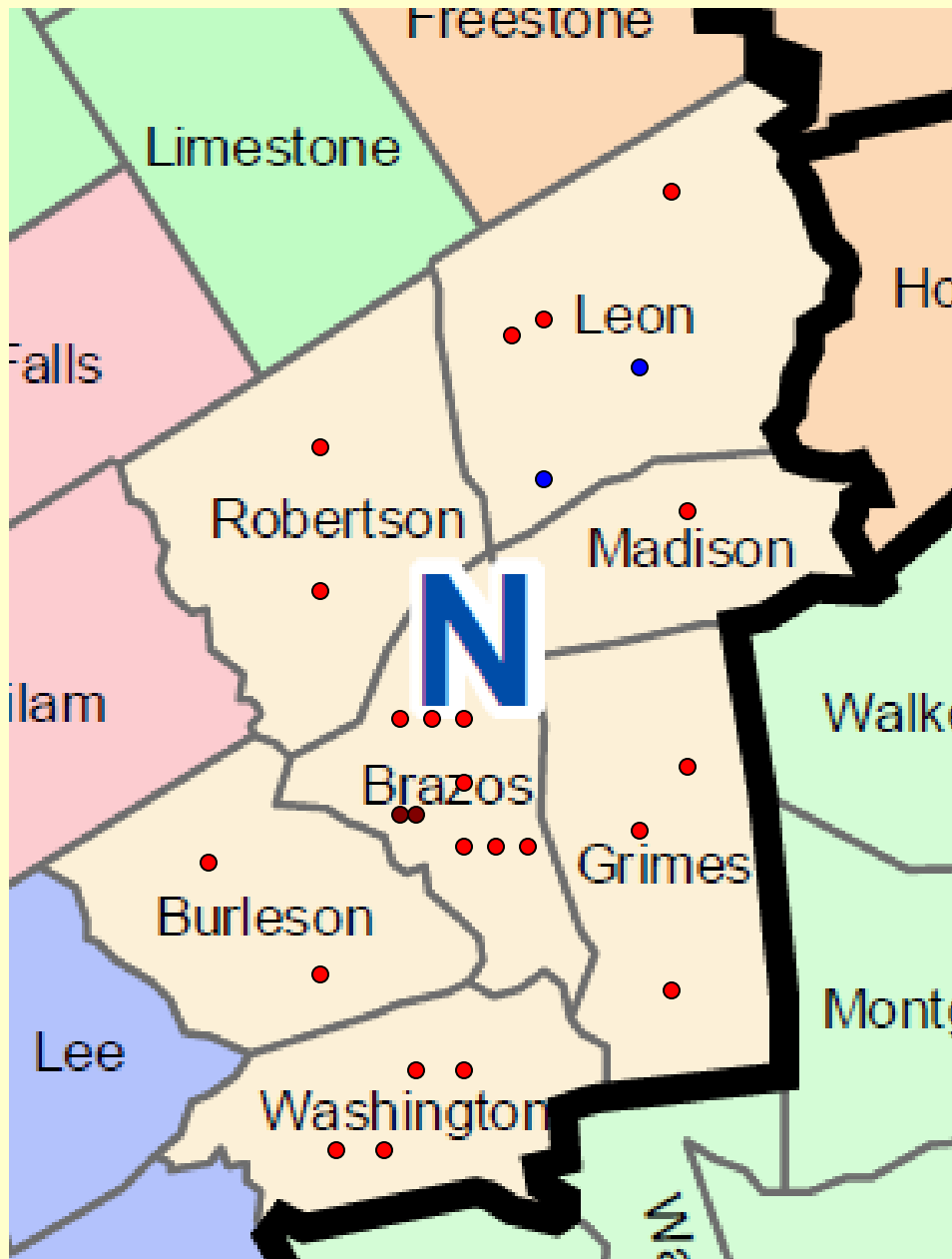
# ***Subcommittee Mission Statement***

- To serve as a liaison for both pre-hospital providers and healthcare facilities within this region, to promote a "systems" approach to trauma care and acute care in the region, promote a progressive evidence based medicine approach to the pre-hospital care in the region, assist in process improvement and development for the regions EMS Providers.

# 5,000

- 5,000 annually
- 1,650 SOB
- 412 CHF
- 82 CPAP





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# Survey Says

- Who's interested?
  - 90% of the EMS Providers that answered the survey said they were interested.
  - 10% needed more information prior to answering
- Facility Support?
  - 50%
  - 50% said their admin would support the concept and equipment required
- Who could?
  - 63.6% said they could logistically and clinically make this happen
  - 36.4% said they could not

# Clinically

- Dr. Kovar Presentation
  - Mild Hypothermia
  - 89.6 – 95°F (32 - 35°C)
- Induce ROSC patients to a mild hypothermia

# 2005 AHA Consensus Statement

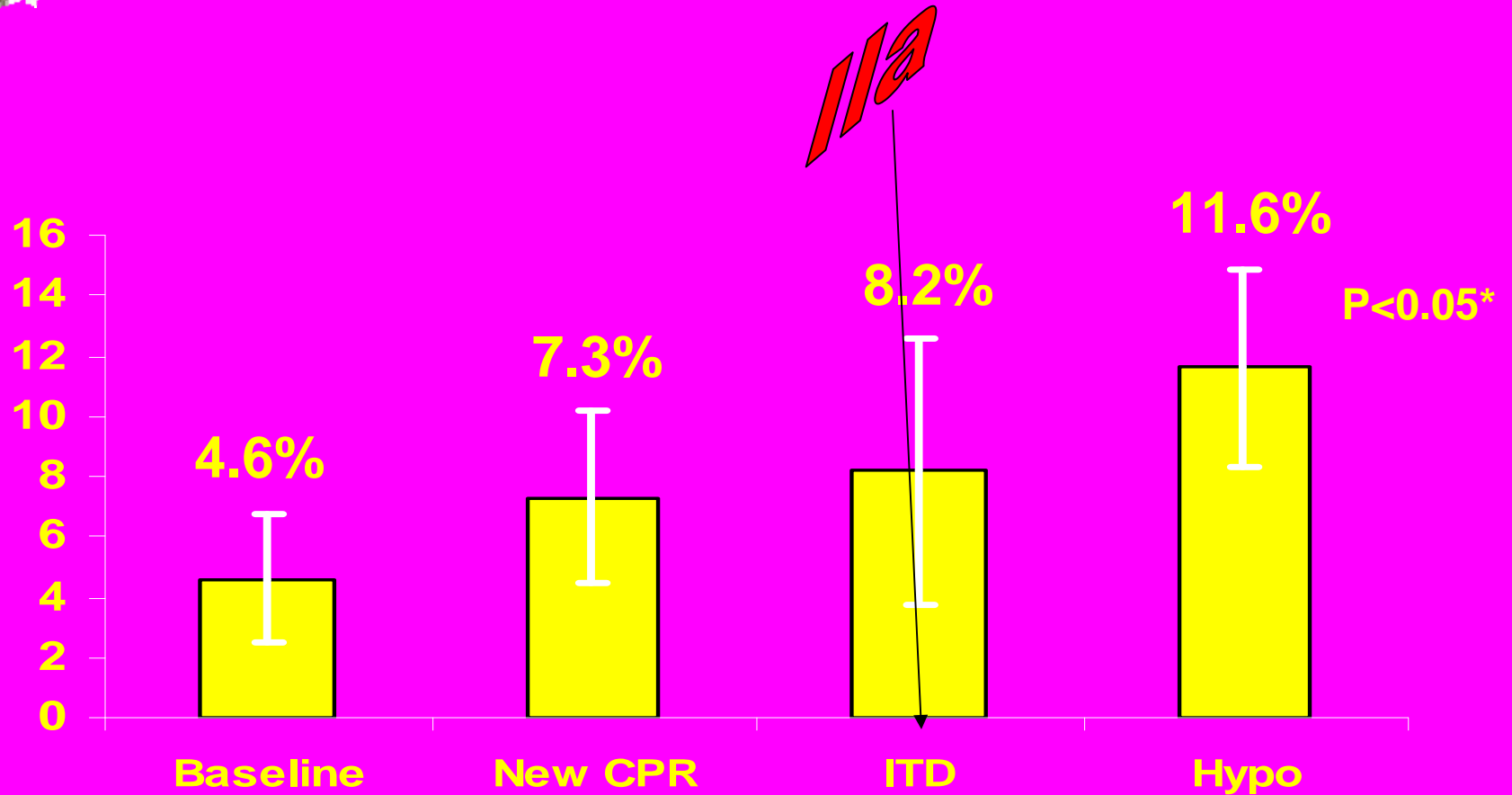
- Class **IIA**
  - Comatose adult pt with ROSC after out of hospital **V-Fib cardiac arrest**
  - Should be cooled to 32-34°C for 12 - 24hrs
- Class **IIB**
  - Comatose adult pt with ROSC with **non V-Fib** cardiac arrest both in/out hospital arrest
  - Should be cooled to 32-34°C for 12 - 24 hrs



October 2007

# Out-of-Hospital Cardiac Arrest Survival after the Sequential Implementation of 2005 AHA Guidelines for Compressions, Ventilations, and Induced Hypothermia

J. Brent Myers, MD MPH Medical Director Wake County EMS System



\* when compared with baseline

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# Financial Impact to the RAC or Department?

To equip 1 single MICU Ambulance  
Maintain saline at temp of 2 - 4°C (36 - 39°F)



# All the accessories:

• Engel Cooler	\$399.00
• Mounting Plate	\$68.93
• AC/DC	\$41.38
• Digital Thermometer	\$24.12
• Lock	\$19.99
• Insulated Pressure Infuser	\$48.25
• IV Tubing Stocking	<u>\$24.98</u>
	<b>\$626.65 / EMS Unit</b>

**\$12,533 for All EMS Departments in the Region**

# Where to we go from here

- Brief Discussion took place in the last Board Meeting and it appeared that there was an overall general support for the project
- **Facility Support** that have an interest in developing a “cool” hospital
  - SRJHC – supportive
  - CSMC – already cooling
- Educational Component
  - Department specific protocol enhancements
  - Bypass Utilization
- Just need the money