



Integration of Hospitals and Industry

October 29, 2019



DukeHealth



Duke University Health System

Made up of 3 hospitals

Duke Main – Trauma Center
957 Beds

Duke Regional – Intensive Care Nursery
369 Beds

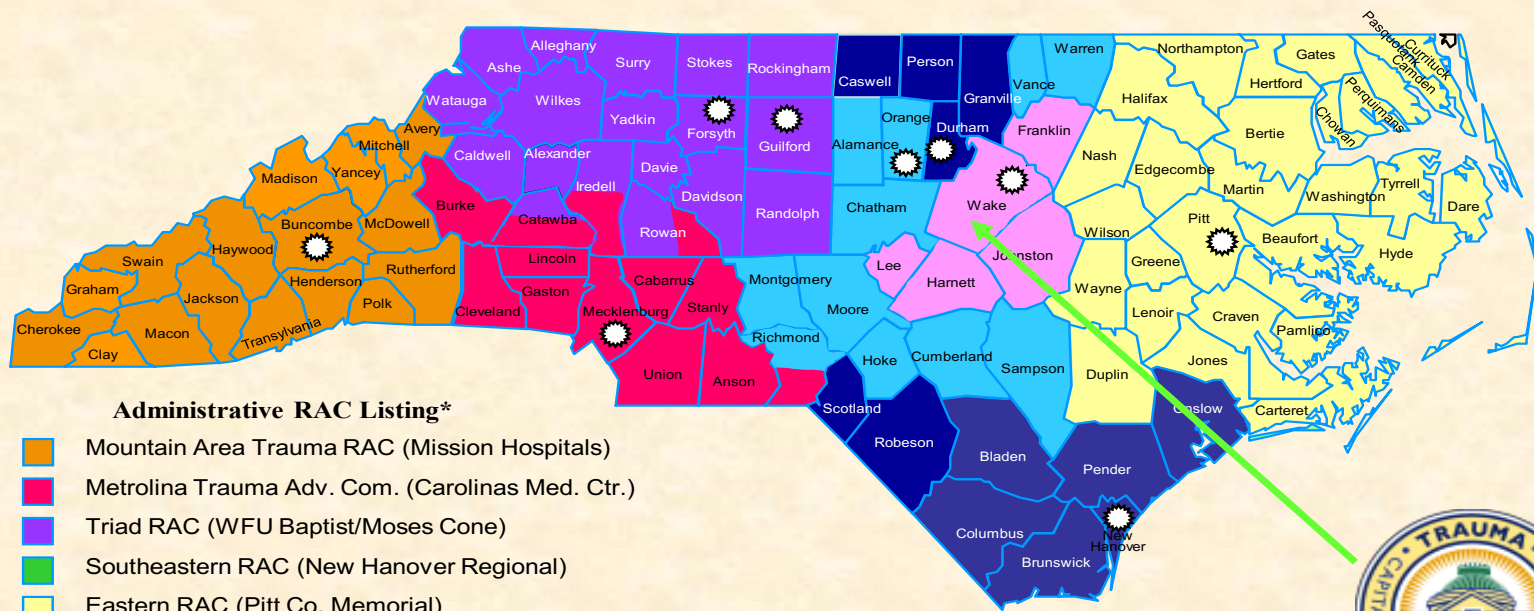
Duke Raleigh – High Volume of surgical
186 Beds

Private Diagnostic Clinics – 120 +
over 1800 physicians











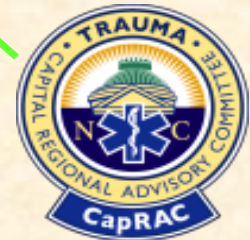


North Carolina Map of Regional Advisory Committee Affiliations



Administrative RAC Listing*

-  Mountain Area Trauma RAC (Mission Hospitals)
-  Metrolina Trauma Adv. Com. (Carolinas Med. Ctr.)
-  Triad RAC (WFU Baptist/Moses Cone)
-  Southeastern RAC (New Hanover Regional)
-  Eastern RAC (Pitt Co. Memorial)
-  Duke RAC (Duke Univ. Hospital)
-  MidCarolina Trauma RAC (UNC)
-  Capital RAC (WakeMed)
-  Indicates a Level I or II Trauma Center





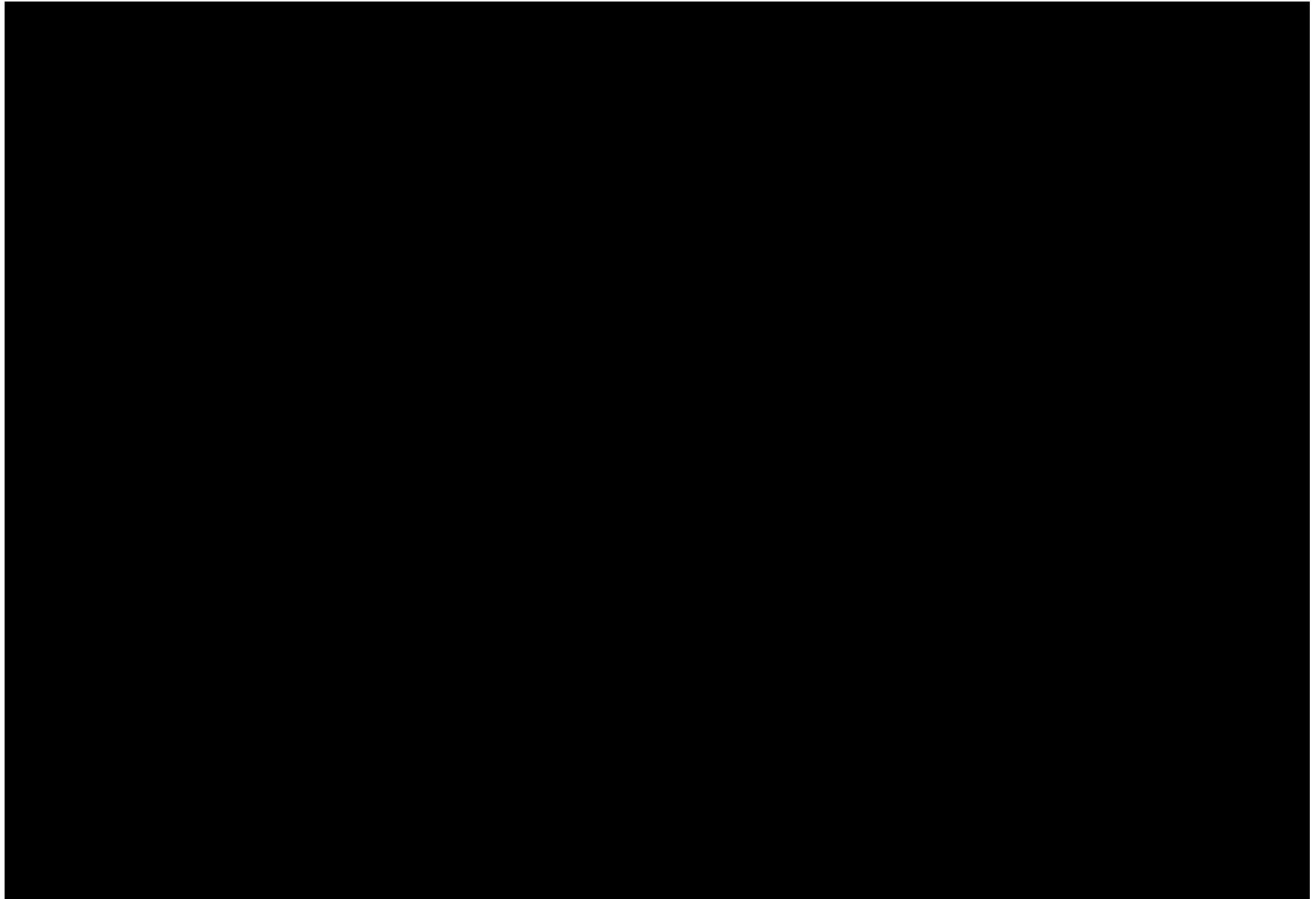
CapRAC Affiliate Hospitals





So why are we learning about a North Carolina health system?





ENVIRONMENTAL QUALITY EXPLOSION





The Impact:

- 17,000 residence evacuated
- 0 Fatalities
- Command Post moved 5 times due to changing winds
- 1 Nursing facility had to be evacuated
- Police Dept. and town hall contaminated
- Sulfur, Oxidizers, Chlorine, Pesticides, PCBs were stored in facility.



Health Care Facilities and Emergency Preparedness



Go Hand in Hand!



How would your facility handle this incident?

- How would you know where your employees are?
- How would you reunite your employees with their family?
- How will the hospitals know what your employees have been exposed to? What about first responders
- Who will handle the social media piece?



Sept. 16, 2016

- Sets out requirements for all providers and suppliers in regard to planning, preparing and training for emergency situations.

- Areas of concentration:
 - Emergency Plans
 - Policies and Procedures
 - Communications
 - Staff Training



CMS Emergency Preparedness Rule





CMS 17 Provider Types

- **Ambulatory Surgical Centers (ASCs)**
- **Clinics, Rehabilitation Agencies, & Public Health Agencies as Providers of Outpatient Physical Therapy & Speech-Language Pathology Services (Organizations)**
- **Community Mental Health Centers (CMHCs)**
- **Comprehensive Outpatient Rehabilitation Facilities (CORFs)**
- **End-Stage Renal Disease (ESRD) Facilities**
- **Home Health Agencies (HHAs)**
- **Organ Procurement Organizations (OPOs)**
- **Rural Health Clinics (RHCs) & Federally Qualified Health Centers (FQHCs)**
- **Programs of All-Inclusive Care for the Elderly (PACE)**
- Hospitals
- Critical Access Hospitals (CAHs)
- Hospices
- Intermediate Care Facilities for Individuals with Intellectual Disabilities (ICF/IID)
- Long-Term Care (LTC) Facilities
- Psychiatric Residential Treatment Facilities (PRTFs)
- Religious Nonmedical Health Care Institutions (RNHCIs)
- Transplant Centers





RISK ASSESSMENTS AND PLANNING...

Why they are so Important?



Ask the questions

- What can “reach out” and harm you?
- How will it interfere with your operations?
- Are the potential hazards likely to impact you on a regional level, community, and/or facility level?
- How will you respond to this impact?

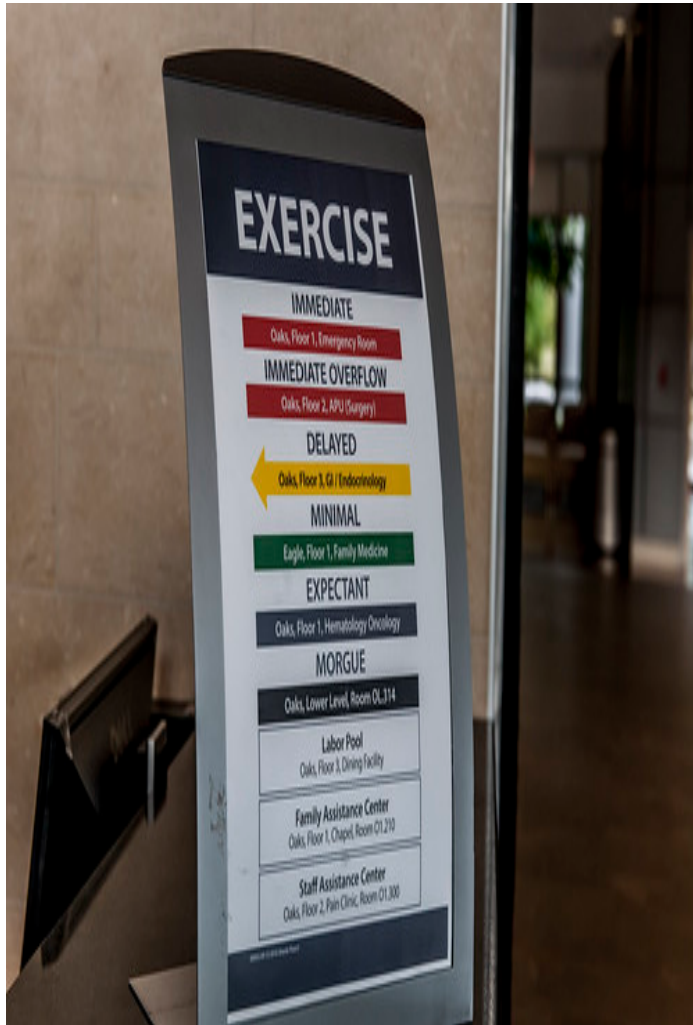


HOW CAN INDUSTRY HELP?



- Participation in a full-scale exercise that is community-based
- Conduct an additional exercise that may include, but is not limited to the following:
 - A second full-scale exercise that is individual, facility-based.
 - A tabletop exercise that includes a group discussion led by a facilitator, using a narrated, clinically-relevant emergency scenario, and a set of problem statements, directed messages, or prepared questions designed to challenge an emergency plan.

Exercise with Community Partners





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HOW can EPlan assist with your
Emergency Plan



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No.	ID	Facility Name	Company Name	Filing Type by Submitter	Filing Year(Type)	Street Address	City	County	State
1	648265	Duke Raleigh Hospital	Duke Raleigh Hospital	EC Tier2	2016 (Tier2)	3436 Wake Forest Road	Raleigh	Wake	NC

Page 1

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Facility Documents

- ☒ I have submitted a site plan.
- ☒ I have attached a description of dikes and other safeguard measures.
- ☐ I have attached a list of site coordinate abbreviations.

File Name	File Category	Description	Upload Date or Index	Download
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Hospital Site Map.pdf	Diagrams	Hospital Campus Map	1066710	
Code Orange Hazmat.pdf	Contingency Plans	Hazmat Plan	1066706	
Liquid Oxygen.doc	MSDS	Liquid Oxygen	1066707	
Hazmat Plan.doc	Contingency Plans	Hospital Plan	1066708	

Emergency Plan

No uploaded document

Hazard Analysis

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Home	Facility Information	Contact Information	Chemical Inventory	EPCRA 304 Report	Additional Information**	StateFields																												
Maintain Account	<h2>Facility Information</h2>																																	
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Take Action to prepare

- Develop an emergency plan based on a risk assessment.
- Perform risk assessment using an “all-hazards” approach, focusing on capacities and capabilities.
- Update emergency plan at least annually.



Any questions?

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