

# Health Care Worker (HCW) Monitoring

New York State Department of Health Bureau of Healthcare Associated Infections

January 22, 2015

### **Rationale for Monitoring HCW**

- Potential for unrecognized breaches in infection control and exposure to blood/body fluids
- Allows for immediate exclusion, isolation, and early treatment of suspect cases among HCW

Goal: Protect HCWs by conducting daily monitoring without undue burden



### **Commissioner's Order and HCW Monitoring**

- Maintain a log of all personnel coming into contact with a patient or a patient's area or equipment
- The log must describe each person's measured temperatures and any symptoms
- Temperatures must be measured 2X daily for 21 days, whether on or off duty
- Report monitoring data daily to local and state health departments



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### **Direct Active Monitoring**

- Must monitor temp/symptoms 2X daily for 21 days after last point of contact (including days not on duty)
- One assessment can be call in/out
- Second assessment should be directly observed (could be by smart phone or video hookup)



#### **HCW Restrictions/Sick Plan**

## No restrictions on work or travel as long as:

- No infection control breaches, and
- Appropriate PPE confirmed daily, and
- Under direct active monitoring

### Work and travel restrictions indicated if:

- Co-worker on unit develops EVD, or
- Needle stick or blood/mucous membrane exposure occurs, or
- Prolonged close contact without proper PPE
- Then notify local/state health department, furlough employee, continue to monitor

  NEWYORK Department of Health

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# NYSDOH Resources Available for HCW Monitoring

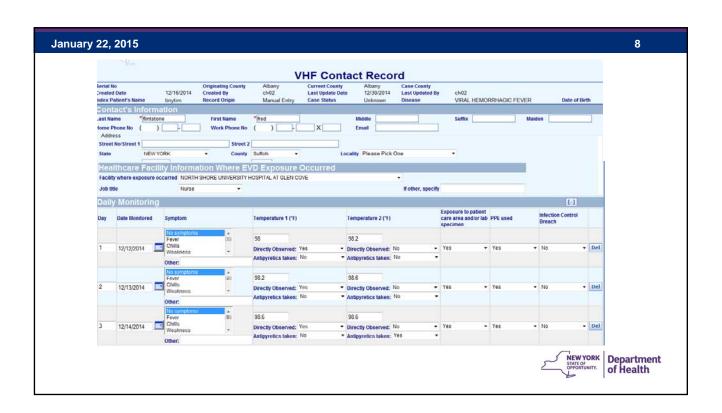
- HCW guidelines (draft) background, overview of monitoring, expectations, rationale
- Sample daily log for all staff on shift
- Dear employee letter "what to expect"
- Dear employee letter "monitoring period completed"
- Reviews of HCW plans by conference calls
- Webinar training on use of CDESS for HCW data entry
- Onsite practice exercise on use of CDESS



# **Communicable Disease Electronic Surveillance System (CDESS)**

- In use for >10 years for routine reporting of notifiable diseases
- Modified for use in entering HCW data as "contacts of Ebola case"
- Easy to learn and use
- County and State can access CDESS entries to check status of HCWs
- Satisfies data needs of hospital, County, and State health dept.
- Standardized data system for all upstate designated hospitals





## What about HCW monitoring for non-designated hospitals??

- Very remote chance PUI or Ebola case would be encountered in a non-designated hospital
- Instructions and screening at airports make it clear to travelers that they
  must consult local/state health department representatives for specific
  directions on follow up care before seeking medical attention
- Local/State health department representatives also stress this during twice daily temperature/symptom assessments of travelers under 21 day monitoring
- Should the unlikely occur, we would do a "just in time" assessment with the hospital, collect HCW info and help organize the monitoring plan

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### **Challenges**

- How to handle HCWs lost to follow up?
- Epidemic influenza and febrile HCW?
- What about a PUI or Ebola case inadvertently visiting a non-designated hospital?



#### **Acknowledgements**

Dr. Debra Blog

Dr. Elizabeth Dufort

Dr. Emily Lutterloh

Dr. Daniel Kuhles

Dr. Misha Robyn

Dr. Hwagan Chang

Stan Kondracki

Carole VanAntwerpen

Jamie Sommer

**Bridget Whitney** 



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### **New York State Designated Ebola Hospitals**

#### **New York State Outside of NYC**

- Erie County Medical Center
- North Shore LIJ Health System in Nassau County (Glen Cove)
- Upstate University Hospital in Syracuse
- University of Rochester Medical Center in Rochester
- Stony Brook University Hospital on Long Island
- Women and Children's Hospital of Buffalo

#### **New York City**

- Bellevue in Manhattan
- Montefiore in the Bronx
- Mt. Sinai in Manhattan
- New York
   Presbyterian/Allen Hospital
   in Manhattan



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EVD Among HCW			
As of Dec 28, 2014	# HCW with EVD	# HCW Deaths	_
Liberia	369	178	_
Sierra Leone	148	110	http://apps.who.int/iris/bitstre am/10665/146763/1/roadmap
Guinea	143	87	sitrep 31Dec14 eng.pdf?ua=1
Nigeria	11	5	http://www.who.int/csr/diseas
USA	3	0	e/ebola/ebola-6- months/nigeria-senegal/en
Mali	2	~	
Spain	1	0	
<b>United Kingdom</b>	1	0	
Total	678	382	NEW YORK STATE OF OPPORTUNITY.  Department of Health





