

Isolation and Quarantine in a Public Health Emergency

May 21, 2013
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Roadmap

- Part 1: Background
 - Isolation and Quarantine Template
 - The inside story...
- Part 2: Practical Application
 - What is in the plan?
 - How can I use it?

Priorities and Regional Work Plans

- November 2012: Top Three Priorities
 - At Risk Population Planning and Recovery
 - Risk Communications Training
 - SNS Inventory Management System
- January 2013: Regional Work Plans
 - Mapping of Activities to address the 3 Priorities

Gaps and Strategies

- What's the use?
 - Policy determinate
 - Communications with partners
 - Documentation of basis for measuring progress
- What we've done with this so far
 - Engaged with NC Hospital Association's NC Community Health Improvement Collaborative
 - Collaboration with Community Health Assessment Team at NC DPH
 - Engaged with partner DHHS agencies' disaster coordinators
 - Training and exercise plans
 - Delivering on the strategies.....

- Special thanks:
 - ALL 85 Local Health Dept Preparedness Coordinators
 - All regional office staff

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Overview of the Template

- Introduction & Definitions
- Purpose
- Scope
- Assumptions
- Authorities
- Continuum of I&Q
- Responsibilities
- Concept of Operations
- References, Appendices, Supplemental Materials

Disclaimers

- The plan is LONG...
 - ...we wanted to put in absolutely everything that we could think of that you MIGHT need someday
- The plan uses “Preparedness Language”
 - Concept of Operations?!?
 - It is intended to be an official preparedness plan
 - ...but hopefully this will help demystify it!

Introduction

- Communicable diseases threaten the public’s health
- Our job – reduce that threat
 - Immunizations (prevent disease)
 - STD treatment (prevent spread)
 - Identify outbreaks (stop spread, protect others)
- Isolation & quarantine
(stop or reduce spread, protect others)

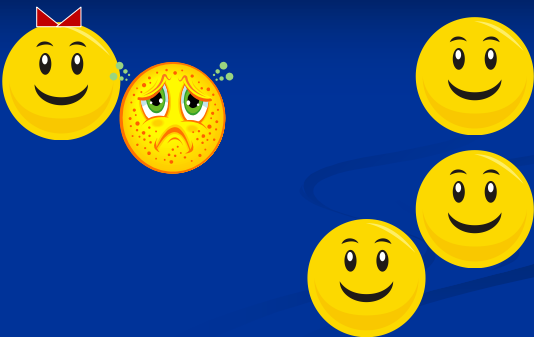
Definitions

- What is isolation?
- What is quarantine?
- I need volunteers...

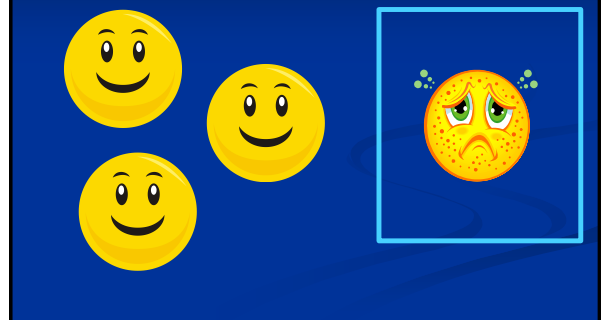
Definitions

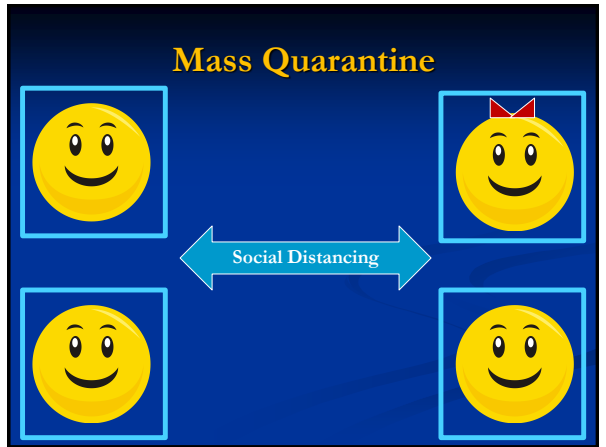
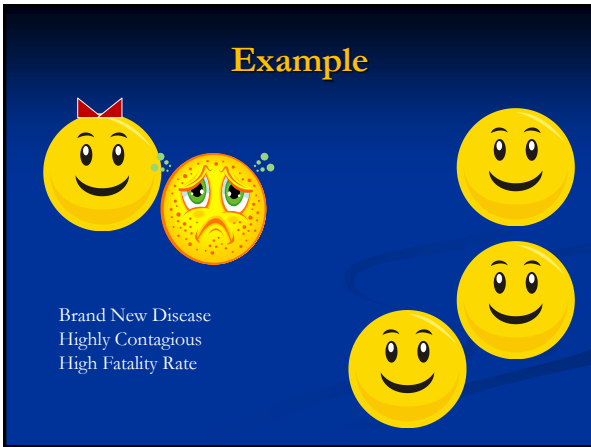
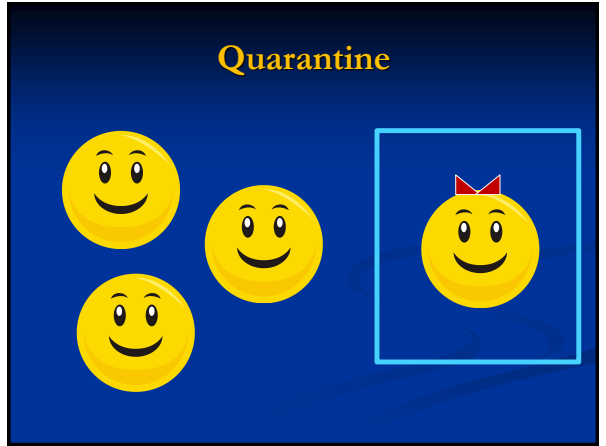
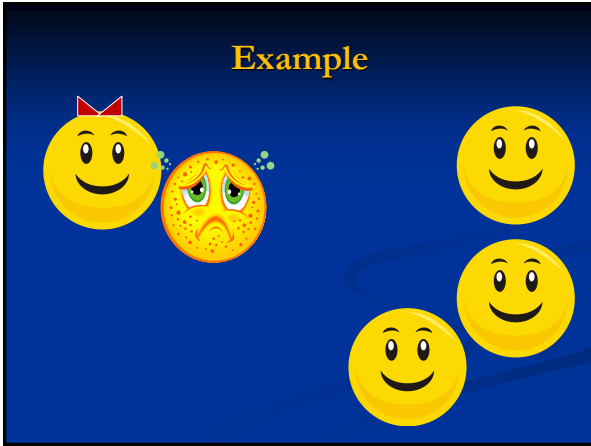
- Isolation – For People Who are Ill
- Quarantine – For People Who have been Exposed but are not Ill

Example



Isolation





Purpose

- Establish decision making criteria
- Identify roles and responsibilities
- Describe procedures
- Identify additional resources

Scope

- Who does this plan apply to?
 - Your County Health Department
 - Partner agencies (MOU)
 - Community members that are ill/exposed

Assumptions

- Must address vulnerable populations
- Must protect PHI
- Applies to individuals and groups, but not places
- You are only responsible for your county
- Voluntary compliance will always come first
- Effective communication is key

Authorities

- Who has the authority to implement I&Q?
 - Local health director
 - State health director (SHD)
 - Local health director's designee
 - Local health director in consultation w/SHD

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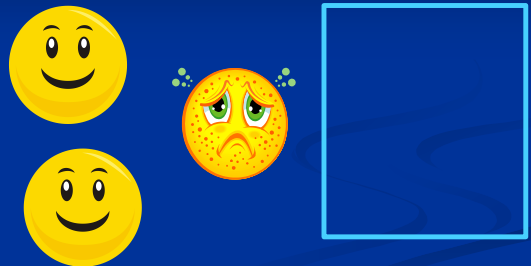
The Law...

- NCGS130A-144
- The Local Health Director has authority to take action to control diseases that are threats to public health.

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- NCGS130A-144
- The Local Health Director has authority to take action to control diseases that are threats to public health.
- Not explicitly about Isolation and Quarantine
- Infected or exposed persons usually comply
- Voluntary detention

What if they don't comply?



The Next Law...

- NC GS 130A-145:
- The Local Health Director or designee, at his or her sole discretion, may initiate involuntary detention of a person for purposes of isolation or quarantine.

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- NC GS 130A-145:
- The Local Health Director or designee, at his or her sole discretion, may initiate involuntary detention of a person for purposes of isolation or quarantine.
- Explicitly about Isolation and Quarantine
- Infected or exposed person refuses to comply
- Involuntary Detention

Implementation

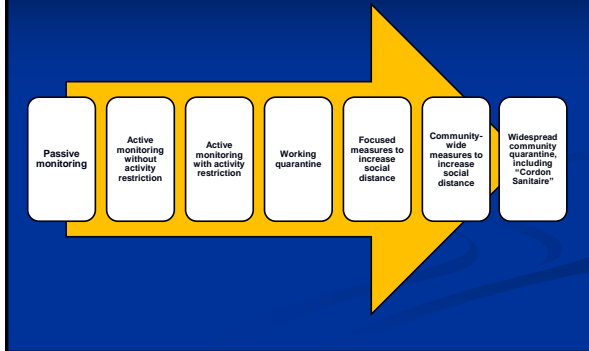
- Three Criteria:
 1. The public health is endangered, &
 2. All other reasonable means have been exhausted, &
 3. No less restrictive alternative exists
- Can be implemented for up to 30 days
- Extensions may be obtained through the court

Consequence

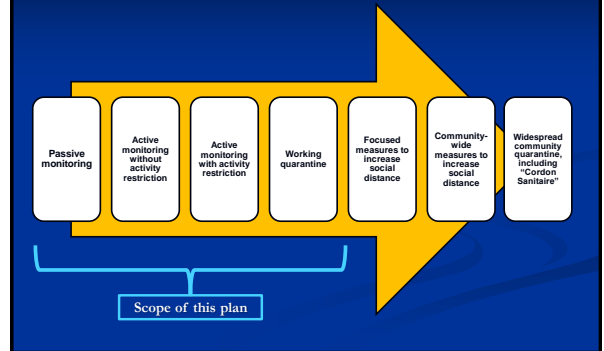
- NCGS 130A-25:
- A person who violates these will be guilty of a misdemeanor.



Continuum of I&Q



Continuum of I&Q



Responsibilities

- Coordinated effort
 - Local Health Department
 - Local Law Enforcement
 - County Attorney
 - Support agencies (Red cross, utility companies)
- Memorandum of Understanding
- Pre-planning with support agencies
- "Identify, Assess, Communicate, Agree"

Concept of Operations

- Answers basic questions
 - Who is in charge?
 - What is the reporting hierarchy?
 - What teams might be necessary?
 - What will each team do?
 - What are the step by step directions?
 - What is a communications plan?

Teams

- Use what works for YOUR county
- Two suggestions in the template
 - Epidemiology Team
 - Clinical Operations Team

Epidemiology Team

- “Keep counts, have the BIG picture”
- Make contact with person
- Determine if they need I&Q
- Hand them off to clinical operations
- Keep counts of how many I&Q orders
- Perform contact investigations
- Have “big view” of outbreak

Clinical Operations Team

- “Handle details of isolation/quarantine”
- Determine suitability of home for I&Q
- Maintain daily contact
- Address needs
- Give updates to Epi Team

Visual Diagram

Epi Team:

- Investigating outbreak
- Performing Contact Investigations



Other Resources

- Helpful Links
- Appendices
 - Go into detail about each part of the plan
 - Flow diagrams, decision trees
 - Sample MOU, dialogue for approaching partners
 - Sample I&Q orders
- Supplemental Information
 - Facility assessment, risk communication

Model Orders

MODEL QUARANTINE ORDER (Suspected Exposure)

You may have been exposed to _____ Your exposure requires further public health investigation _____ is a disease associated with _____ If _____ spreads in the community, it would have severe public health consequences.

I, _____ (name), Local Health Director of the _____ County Health Department, pursuant to authority vested in me by North Carolina General Statute (G.S. 130A-145), issue this QUARANTINE ORDER to _____ (Person's name) DOB: _____

You are required to remain at _____ until _____

You have been properly informed and counseled by _____, RN, Communicable Disease Nurse with the _____ County Health Department regarding the control measures for _____ Failure to comply with the control measures is a violation of G.S. 130A-145.

You are required to:

- _____
- _____
- _____
- _____

If you fail to comply with this QUARANTINE ORDER, you will be subject to prosecution for a misdemeanor offense pursuant to NC law (G.S. 130A-25) and punishable by up to two (2) years imprisonment.

If you plan to move to a new address or leave the county, you are required to notify _____ County Health Department and obtain prior approval. You may contact the Health Department by calling _____.

The staff of this Health Department remains available to provide assistance and counseling to you concerning your compliance with this QUARANTINE ORDER.

You may petition the Superior Court for review of the restrictions of your freedom of movement contained in this QUARANTINE ORDER pursuant to G.S. 130A-145(d).

Local Health Director _____ Date _____
 Issued by _____ Date _____

I have received the original copy of this order: _____
 Patient Signature _____ Date _____

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Model Orders

You are required to:

- _____ (Disregard control measures)
- _____
- _____
- _____
- _____

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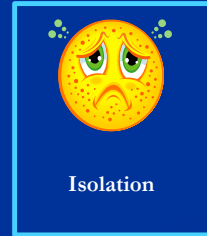
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State Resources

- Public Health Preparedness and Response (PHPR)
- Preparedness Regional Coordinators
- Communicable Disease Branch (CDB)

Remember...

- **Isolation** – for those who are **Ill**
- **Quarantine** – for those who are **Exposed**



Legal Authorities

	NC GS 130A-144	NC GS 130A-145
Who?	Local Health Director	Local Health Director
What?	General Authority	Isolation and Quarantine
When?	Voluntary Detention	Involuntary Detention
For how long?	Not specified	30 day increments
Consequence for failure to comply?	NC GS 130A – 25 (Misdemeanor)	NC GS 130A – 25 (Misdemeanor)

Summary

- I&Q Template Plan
 - Flexible
 - Customizable
 - Comprehensive (as much as that's possible...)
 - Helpful



Questions?