



## Questions

· Do you have one or more chronic diseases?

- Do you have a parent, sibling, family member or friend who lives with chronic diseases?
- Do you have enough medicine at home to cover you for a day? A week? A month?
- Would you be prepared if the health infrastructure where you obtain your medications, equipment, or care for your health problems was suddenly disrupted?



### Problem Statement

- Older people and those with chronic diseases are an underrecognized vulnerable group.
- Illnesses such as HIV have joined the spectrum of chronic diseases.
- In 2005, chronic diseases were the main cause of death in 6 out of 7 WHO regions.
- Few specific initiatives are geared towards those with chronic diseases in disaster response.

# A devastating example -Hurricane Katrina



- The biggest health issue was the inability of the displaced population to manage their chronic diseases.
- 5 out 6 most commonly reported conditions were chronic conditions
- 71% of those who died in the hurricane were over the age of 65.

### Discussion Outline

- Important Background information
  - · Disasters & Disaster Response
  - · Global Population Aging
  - · US Population Demographics · The Elderly & Chronic Diseases

  - · Brief Historical Review of Chronic Disease in Public Health

### · Disaster Response

- · What do we do now? Globally? Domestically?
- · A novel initiative
- · Primary solutions
- · Conclusions

### Disasters & Disaster Response

- There has been an increase in prevalence of disasters, both man-made and natural.
- · Disasters can affect individuals' health, health infrastructure, and/or both.
- In the last decade, an average of 260 million people worldwide were affected by natural disasters, alone, per year.
- "Given that roughly one in ten people is aged over 60, this means that around 26 million older people were likely to have been affected ... each year ....











## Disaster Response & Medical Aid -What do we do now?

### Globally

- Humanitarian aid to the affected country is provided by various organizations including WHO, IFRC, UNICEF, and many other NGOs.
- · Donations and pre-existing kits

#### Nationally

- Homeland Security Presidential Directive 21: Public Health and Medical Preparedness
- Strategic National Stockpile (SNS) & Follow-on Vender Managed Inventory (VMI)









### **Objectives & Additional Activities**

 SUCDs are designed to provide "reliable, standardized, affordable, and quickly available resources" for disaster response specific for NCDs.

### Additional Activities:

- · Standardized treatment plans
- · Health care training modules
- Data collection forms
  Feedback forms
- Feedback forms



### Current Priority Needs

- We need to include chronic diseases in our priority needs not only in prevention of chronic diseases, but also in disaster and emergency preparedness.
- We can contribute to this effort by creating organized responses such as SUCDs to plan for the effects of disasters on this known vulnerable population.

## Conclusions

- According to the WHO, "the capacity to mobilize and deliver the right supplies, in a timely and appropriate manner, is critical to..." emergency response.
- Medical kits help to provide essential medicines and supplies to the disaster area quickly, efficiently, & reliably.
- · Success requires an organized and coordinated response.



The great epidemics of tomorrow are unlikely to resemble those that have previously weyel the world, thanks to progress in infections disease control. While the risk of unbreaks, such as a new full interary panelonic, will require constant vigilance, it is the "invisible" epidemics of heart disease, stroke, diabetes, cancer and other chronic diseases that for the foresceable family meril take the greatest to fit in deaths and disability...In many ways, we are the heirs of the choices that were made by previous generations....Future generations will in turn be affected by the decisions that we make today. Each of as has a choice whether to continue with the stams quo, or to take up the challenge and invest now in chronic diseasely.... (#HD), 2005).