Logistics of Reducing Impact of Communicable Diseases

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World Health Organization
World Health Organization: Health Action in Crises
an Introduction
Here is the death toll for the next hour.....

- A total **1,000 children under five** will die from a range of causes around the world (pneumonia, diarrhoea, malaria, measles and HIV/AIDS)

- **67 women** - more than one every minute, will die because of inadequate care to deal with complications of pregnancy and childbirth.

- **416 newborns** will die from preventable causes. **120 children**, one every 30 seconds, will die of Malaria in Africa.

- **58 children** will be infected with HIV/AIDS. Only **29** of them will see their second birthday.
## Challenge 1: Epidemiological and Geographic shifts

- Non-communicable diseases are the world's leading causes of illness and death
- The human race is ageing
- Urbanisation
- Migration and mobile populations
Challenge 2: Health Security

- Outbreaks, epidemics and pandemics
- Intentional and accidental use of biological, chemical and radio-nuclear agents, material and weapons
- Natural disasters
- Violence, civil unrest, internal conflicts and wars
Our Approach

- **Use evidence and research** to frame ethical policy options for countries and guidelines to improve people's health

- **Strengthen health systems**: health workers, improve supply, distribution of medicines & diagnostics, logistics and supply chains, financing for health services

- **Fill Gaps**
Deployment of Medical Supplies

In Practice
Deployment of Medical Supplies

In 2010 WHO HAC delivered basic medicines and supplies:

- To meet the basic health care needs of 2,955,000 people for three months;
- To provide treatment for 137,200 people with severe diarrhoeal diseases;
- To ensure 7,800 surgical interventions for trauma;
- To provide vaccines to 758,500 people.
Providing An Operational Platform

WHO & Partners continue development of an operational platform for health professionals in humanitarian crises:

- Human Resources
- Material Resources – pre-positioned / pre-arranged
- Financial Resources
- Standard Operating Procedures and Tools
- Partnerships
- Capacity Building – more professional & empowered
United Nations Humanitarian Response Depots (UNHRDs) used by WHO in 2010
Global distribution of WHO Medical Supplies from UNHRDs in 2010
WHO Action Using the UNHRDs
Myanmar - Cyclone Nargis - May 2008

Mobilizing health resources through partnerships
## Challenges

- Professionalize Supply Chain Management
- Partner with Universities
- Civilian – Military Cooperation
- Anticipate Needs
- Financial Crisis – do more with less