Accidents

4. In the case of an alleged use of CW, the requesting State Party may request the OPCW to conduct an investigation to collect facts to determine whether CW has been used.

This presentation will provide further insight into the role that OPCW has in the provision of assistance to States Parties under Article X of the CWC.

Preventing the Militarization of Biology: Biological Warfare Past, Present, and Potential Future

Prof. Malcom Dando; Prof. M.L. Wheelie

There is increasing concern relative to the possible use of biological weapons of mass destruction. This current concern is set in the context of the history of offensive biological weapons programs over the last 100 years. It is argued that while the present threat is limited, it could escalate substantially over the next decades. All previous scientific and technological solutions have been applied in major ways to military purposes, and this looks as if it also will happen to the ongoing revolution in the life sciences.

The potential outcomes of significant militarization of biology are detailed in two key areas: (1) microbiology and (2) neuroscience. It is argued that the potential outcomes are in nobody's interest, and that all possible means should be undertaken to prevent militarization of biology.

Role of the OPCW in Response to Chemical Accidents

Dr. Clarence Brown
Organisation of Prohibition of Chemical Weapons (OPCW)
Concept of Assistance
Inspectorate Senior Medical Officer, Organisation for the Prohibition of Chemical Weapons, Den Haag

In accordance with Article X of the Chemical Weapons Convention (CWC), the Organisation for the Prohibition of Chemical Weapons (OPCW) (www.opcw.org) carries out the following implementation measures of assistance.

1. The coordination and delivery to States Parties for protection against Chemical Weapons (CW) including: (a) Detection equipment; (b) Alarm systems; (c) Protection equipment; (d) Decontamination equipment; (e) Decontaminants; (f) Medical antidotes; (g) Treatments; and (h) Advice on any of these protective measures.

2. The OPCW is able to provide States Parties with information on protective measures against CW, providing expert advice for capacity building, establishing a voluntary fund for assistance, and the conclusion of bilateral agreements between States Parties for offers of assistance.

3. The OPCW has adopted a programme for the establishment of permanent stockpiles of protective equipment including inspection and serviceability. Associated with the use of such stockpiles is a programme of assistance in developing emergency plans, legislation, training programmes, procedures, and standards.

4. In the case of an alleged use of CW, the requesting State Party may request the OPCW to conduct an investigation to collect facts to determine whether CW has been used.

This presentation will provide further insight into the role that OPCW has in the provision of assistance to States Parties under Article X of the CWC.

Disaster Medicine

Hospital Disaster and Emergency Planning
Jeffrey Arnold, MD, FACEP, FAAEM
Department of Emergency Medicine, Baystate Medical Center, Tufts University School of Medicine, Springfield, Massachusetts USA

For the past decade, at least one disaster has occurred somewhere every day, affecting hospitals throughout the world. With increasing population growth and maldistribution, increasing urbanization, increasing environmental degradation, and continuing economic imbalance, the impact of disasters or emergencies on hospitals is likely to increase. Hospitals play a critical role in the local response system to emergencies, providing: (1) initial triage, decontamination, and emergency medical care for victims able to flee the disaster scene; (2) definitive medical care for the vast majority of victims; and (3) continued medical care to the community with ongoing medical problems.

This presentation considers the process and structure of effective hospital emergency planning. Hospital emergency planning optimally incorporates processes that are multidisciplinary, evidence-based, relevant to the community at risk, and cost-effective. Components of the hospital disaster plan include the plan definition including risk assessment, coordination and control system, plan activation, medical operations, logistical operations, planning operations and emergency preparedness.

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http://pdm.medicine.wisc.edu

Prehospital and Disaster Medicine