

## Capacity Building and Training of Health Personals for Disaster Preparedness in North East India

**Authors :** U. K. Tamuli

**Abstract :** Introduction: North East India is graced with natural beauty and hazards. This area is prone to major earthquakes, floods, landslides, accidents, terrorist activities etc. Academy of Trauma (AOT), an NGO of Doctors, conducts training programs, mock drills, field trials amongst the doctors and paramedics in North East India. The present study is to evaluate the efficacy of such training in terms of sensitivity, awareness, and delivery systems of the products. Here the health care delivery system for disaster management is inadequate. Clear guideline of mass casualty management is unavailable. AOT has initiated steps to increase the awareness and handling of mass casualty management to improve the emergency health care delivery system. Method: AOT has conducted training programmes on emergency health management, mass casualty management and hospital preparedness amongst 800 doctors and 1200 paramedics in twenty-two districts of Assam in Northeast India. The training module consists of lectures, hands-on workshop using manikins, mock drills, distribution of manuals, emergency management exercises, periodic exchange of experience and debriefings. AOT evaluates the impact of these trainings by conducting pre and post tests of delegates, trainer's evaluation, delegate's satisfaction and confidence level and their suggestions. Results: The module, training, hands-on workshops, mock drills were highly appreciated. There is significant improvement in scores on the post-training tests. The confidence level of the participants has risen to deal with emergency medical situation Conclusion: These kinds of trainings increase the awareness of the medical members to handle mass casualties in different situations. One such training actually sensitises the delegates. Repetition of such training, TOT (Training-of-Trainers) programs, and individual efforts of delegates are extremely important for sustenance and success of health care delivery service during disasters in the developing countries. Further collaboration, assistance, networking, suggestions from established global agencies in this field will be highly appreciated.

**Keywords :** capacity building, North East India, non-governmental organization, trauma

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