Conclusion: 90% of labour inclusion among unemployed people. Acknowledge from the participants of their working abilities. To generate hope in uncertainty diminishing violence. Generate space to diminish stress with impact in cardiology matters, addictions and pathologies. The disruptive effects of financial crisis are diminished considerably in these groups.

Prehosp Disaster Med 2011;26(Suppl. 1):s127-s128 doi:10.1017/S1049023X11004213

(P1-90) Guidelines for Psychosocial Support for Uniformed Services

H. Te Brake, ¹ M. Rooze²

- 1. Research and Development, Amsterdam, Netherlands
- 2. Amsterdam, Netherlands

In the Netherlands in 2010, the multidisciplinary guidelines for the psychosocial support of uniformed services organizations (USOs) were developed. These guidelines are accepted as a national standard for psychosocial support for police, firebrigade, ambulance services, the Ministry of Defence, and coast guard. This presentation will focus on the backgrounds, development, and status of these guidelines, and an outline of the contents will be given. Members of USOs consistently are exposed to potentially shocking events. It was recognized that there is a need in the field for clarity and unambiguity about the organization of psychosocial care to this group. The goal of the guidelines is to guarantee optimal psychosocial support and care after experiencing disasters and shocking events, so that stress-related health problems among members of the emergency services are prevented. The guidelines are evidence-based, i.e., they are based on the results of the latest scientific studies, knowledge from experience (best practices), and other considerations. Consensus was reached that the promotion of the existing means of recovery of the USO member, and the facilitation of these means by peer support structures, are the key to a successful psychosocial support system. The peer support system has an important role in recognizing those affected with psychological and/or serious clinical symptoms that require diagnosis and/or treatment. Diagnosis and treatment should be exercised by mental health professionals. Therefore, they must be readily available, but should only be deployed when necessary. Three phases in the psychosocial support for USO members are discerned: (1) preparation (selection, information and training); (2) peer support and monitoring, (3) and referral for professional care (if necessary). The guidelines provide recommendations for the USO for each of these phases. National guidelines such as these should be discussed internationally to see whether they can provide a basis for further (international) implementation and use.

Prehosp Disaster Med 2011;26(Suppl. 1):s128 doi:10.1017/S1049023X11004225

(P1-91) Beyond Emergency Care and Compensation: A Study on the Long Term Implications of Firearm Injuries for Psychosocial Well Being

J. Joseph, ¹ S. Jaswal²

- 1. Jamsetji Tata Centre for Disaster Management, 022, India
- 2. School of Social Work, 022, India

The field 'Public Health in Disasters and Complex Emergencies' is replete with either epidemiological studies or studies in the

area of hospital preparedness and emergency care. The field is dominated by hospital based or emergency phase related literature. The social science perspective to public health is largely missing. It is in this context that the study of 26/11 Mumbai Terror Attack Survivors, was carried out. The study is an outcome of the ongoing work with the survivors over a period of two years following the attack. The qualitative study uses a case study approach and focuses on lived experiences of the 26/11 Mumbai Terror Attack Survivors who had firearm injuries. The paper highlights the special health issues faced by the survivors, issues of professional competence, hospital preparedness as perceived by the survivors, issues with disability assessments and issues of ill informed care and compensation policies. The paper also explores the interface between health and psychosocial well being two years after the attack and proposes a conceptual framework for understanding psychosocial well being of survivors within a public health perspective.

Prehosp Disaster Med 2011;26(Suppl. 1):s128 doi:10.1017/S1049023X11004237

(P1-92) Safety Function Action: Current and Future Directions

A. Allen, ¹ J.M. Shultz²

- 1. Ace, Miami Shores, United States of America
- 2. Center for Disaster & Extreme Event Preparedness, Miami, United States of America

Introduction: SAFETY FUNCTION ACTION for Disaster Responders (SFA) trains a framework for achieving and maintaining a high level of disaster health. Within SFA, disaster health is defined as, "maximal safety, optimal function, and effective action in preparedness for, and response to, emergencies, disasters, and extreme events." A set of six strategies forms the backbone of the framework with two strategies each for SAFETY (safeguard and sustain), FUNCTION (comfort and connect), and ACTION (advise and activate).

Methods: During 2008, a total of 2,553 participants were trained throughout the State of Florida. Participants were drawn from public health, healthcare, mental health, and professional/volunteer emergency responder workforces. During 2009, an additional 861 participants were trained as "SFA facilitators." Facilitators were provided with guidance and training materials to return to their worksites and train peers on the SFA modules. Facilitators were in direct contact with a team of 5 DEEP Center "coaches" who supported their training efforts. To assess the training's effectiveness, pre/postassessment data on the 2,533 SFA participants and 861 SFA facilitators were collected.

Results: Live-training evaluation data showed highly favorable quality ratings for the course, materials, presenters, and all individual course components. Pre/post comparisons of the data indicated consistent gains in self-reported confidence ratings for all 7 "facilitator skills" (recruiting, motivating, training colleagues; teaching SFA skills, working with coaches) and 15 SFA "strategies and response skills" (applying the six SFA strategies to responders (self, family, team) and disaster survivors). Consistent gains were evident for 12 scales asking facilitators to self-report their comfort in dealing with disaster survivors exhibiting distress or suffering trauma and loss.

Future Directions: SFA has been launched as an online training course and a cell phone "app" is in progress. SFA has recently been trained in South America and Europe. Experiential components of SFA are being refined and expanded.

Prehosp Disaster Med 2011;26(Suppl. 1):s128-s129 doi:10.1017/S1049023X11004249

(P1-93) Apathy Syndrome

M. Eryilmaz, ¹ M.H. Bilgitekin, ² D.K. Biyikli, ³ H. Altintas, ⁴ F. Celikmen, ⁵ M. Durusu, ¹ R. Arikan, ¹ I. Arziman, ¹ A. Sengul⁶

- 1. Department of Emergency Medicine, Etlik Ankara, Turkey
- 2. Kocaeli, Turkey
- 3. Peshawar, Pakistan
- 4. Ankara, Turkey
- 5. Department of Emergency Medicine, Istanbul, Turkey
- 6. Istanbul, Turkey

Summary Apathy syndrome is the apathy attribution of persons, foundations, nations or global world against the preparations and arrangements to avoid progression of disaster. In this article, it is aimed to review the collected opinions of authors who are studying causes of apathy syndrome. The factors of avoiding to be prepared against natural disasters can be classified under three main topics; personal, social and cultural. The personal factors or the factors depending on persons are discussed in three sub topics, respectively emotional factors, mind-related factors and behavioral factors. Particularly "resistivity against changes" and "unwilling to abandon habits" are emphasized as the major reasons. The topic, social factors, can be sorted out as insufficient administrative/political volition acting against disaster and being undeveloped among the cultural factors preventing disaster preparations, believing and mystical meaning giving onto "disaster" expression have been reserving spectacular space. Individuals and society are perceiving disaster as a divine punishment and this perceive makes meaningless to get prepared. Consequently, it is evaluated that sensitive to country conditions, culture, sexual discrimination of society, age and special disability circumstances, and also versatile, deep and penetrating, keeping continuity, analytically approaching formal education can resolve disaster troubles of countries. Authors of this article have emphasized crucially to establish an academy of disaster contributed every kind of disciplines as soon as possible in the world.

Prehosp Disaster Med 2011;26(Suppl. 1):s129 doi:10.1017/S1049023X11004250

(P1-94) Psychosocial Care for Children Affected by Tsunami - Through Child Care Activity Centers P. Kavitha, ¹ K. Sekar²

- 1. Department of Psychiatric Social Work, Bangalore, India
- 2. Psychiatric Social Work, Bangalore, India

Psychosoical Care For Children Affected By Tsunami-Through Child Care Activities Centers Kavitha. P*, Sekar Kasi** Tsunami of 26 December 2004 shattered the lives, hopes and dreams of the people living in the coastal belts especially that of children where 37-39% of total death reported were children. Sad faith of children continued as many became orphans, single parented, lost their friends, school and happy environs where they enjoyed their life with their parents and friends. Displacement to the

temporary shelters snatched away the emotional from family members, the unhygienic conditions resulted in the epidemics beyond their coping. A need assessment conducted among 1120 children in Kanniyakumari, Nagapattinam and Karaikkal revealed that impact is seen in all the children survided, 2/3 parents reported of probable problem behavior and conduct problem in children, 1/10 children were identified by teachers to have conduct problem, 1/10 children were identified by parent and child to have emotional problem due to the impact, 1/100 children impacted were behaviorally disturbed, 1/100 children is definitely behaviorally disturbed and has a probability of mental health problem. Children are young and in experienced to understand, comprehend or verbalize the trauma. An integrated approach model was initiated through community level workers using art as a medium. Psychosocial care was provided to children through seven mediums: Facial expressions, Thematic cards, Drawing, Family portrait, Writing, Story and Clay, in stages repeatedly. The results of the intervention revealed that the intervention was effective in reducing the trauma among children as mean for the impact has reduced from 31 to 26 after the intervention. The behavior problem reported among children reduced form 65% to 45% after intervention confirming the effectiveness of psychosocial mediums in reducing trauma among children affected by disaster. *Ph.D. Scholar, Department of Psychiatric Social Work, NIMHANS, Bangalore, India **Professor, Department of Psychiatric Social Work, NIMHANS, Bangalore, India.

Prehosp Disaster Med 2011;26(Suppl. 1):s129 doi:10.1017/S1049023X11004262

(P1-95) Clinical Effectiveness of Psychological First Aid Training among Emergency Responders in Chinese Population: Preliminary Results of 3-Month Follow-Up E.Y.L. Cheung, E.Y.Y. Chan, C.L.Y. Lin, P.P.Y. Lee CCOC, School of Public Health and Primary Care, Shatin, Hong Kong

Background: Psychological First Aid (PFA) has become the choice of mental health intervention and integration with the current disaster relief protocols during emergencies by the Institute of Medicine, NIMH and the WHO. It can be used during or immediately after disaster. People without mental health specialized training, including public health practitioners and emergency responders can learn and apply to everyone in need. Whilst being used extensively, few studies have evaluated the effectiveness of PFA and its field applicability.

Methods: A prospective randomized controlled study. 800 emergency medical responders were recruited. Participants were randomly assigned to the control/intervention arms to receive a one-day training of PFA based on the protocol developed by the National Child Traumatic Stress Network (2006). A pilot study was conducted to evaluate the screening tools and training material and all training was provided by trained clinical psychologist. Repeated measures analysis of covariance was used to evaluate the efficacy of PFA program in changes in various outcome measures between PFA intervention and control group. All analyses were conducted on the intent-to-treat and completer groups. Ethical approval was approved by the CUHK-NTEC Clinical Research Ethics Committee.