



# International Conference on Emergency Medicine and Critical Care

July 25-26, 2019 Rome, Italy

## Effect of Mass Casualty Training on Prehospital Care Providers in Kuwait

**Ahmed Alharbi**

Ministry of Health, Emergency Medical Services, Kuwait

**Background:** Pre hospital providers, both emergency medical technicians and paramedics need appropriate training to deal with major incidents. Despite the fact that Kuwait has experienced many major incidents and located into a politically conflict zone, there is no standardized preparedness training for prehospital care providers to disasters or major incidents. This study aimed to assess the effect of a training intervention in improving the knowledge and awareness of EMTs and paramedics in the Kuwait Emergency Medical Service (KEMS).

**Methods:** Thirty-one participants from different ambulance districts in Kuwait were invited to participate voluntarily in disaster management training at Kuwait EMS Department.

**Results:** The mean score of knowledge was significantly higher immediately after first training program [18.2; standard error (SD):1.9] than before (12.4; SD: 2.8) ( $P<0.001$ ). The mean score three months later was significantly higher (19.8; SD: 0.5) immediately after the intervention program ( $P<0.001$ ).

**Conclusion:** The primary aim of improving preparedness among prehospital care providers was been achieved through the training program. The tests results showed an improvement in score achieved by the participating prehospital care providers. This type of training courses would increase the competency and the confidence of prehospital care providers in providing emergency services.

### Biography:

Ahmed Alharbi Paramedic working for Emergency Medical Services (EMS Department) as a Head of Clinical Audit Section-EMS Department. Also, a part-time lecturer in Paramedicine, Health and Safety, College of Health Science –Kuwait. Dr. Ahmed Alharbi got his B.S. degree in pre-hospital care Charles Sturt University in Australia. and his Master of Science in Health Professions Education in Arabian Gulf University at Bahrain in 2009 and PhD. In Candidate/ Paramedicine - Health Science School -Latrobe University at Australia.