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| Author | Title of Article | Year | Target Audience | Country / Region of Origin | Type of Institution Conducting Training | Educational Modality | Length of Educational Experience | Which core competencies were taught? | Which phases of the disaster cycle are emphasized? |
| Ablah | Evaluation of Interdisciplinary Terrorism Preparedness Programs: A Pilot Focus Group Study | 2006 | All Providers | United States | Government | Classroom teaching, Written book/journal, Focus groups | Less than one day (unclear duration) | Planning / Preparedness, Biological, Chemical or Hazardous Materials, Terrorism, Disaster Management | Preparedness, Response |
| Abraham | Tabletop Scenarios for Realism in Bioterrorism and Threat Preparedness | 2012 | All Providers | United States | Academic Hospital | Tabletop exercises | Unknown | Terrorism, Disaster Management | Response |
| Aghababaeian | A comparative study of the effect of triage training by role-playing and educational video on the knowledge and performance of emergency medical service staffs in Iran | 2013 | Paramedics / EMT | Asia | Government | Gaming, Video | 0 - 6 hours | Triage | Response |
| Alexander | A multiphase disaster training exercise for emergency medicine residents: opportunity knocks | 2005 | Residents | Canada | Academic Hospital | Online media, Field Simulation, Drills | Longitudinal internet-based component and half-day drill | Planning / Preparedness, Communication, Terrorism, Disaster Management | Preparedness, Response |
| Atack | An evaluation of learner perception of competency and satisfaction with three models of an interdisciplinary surge capacity course | 2012 | All providers | Canada | Multiple Clinical Sites | Online media, Tabletop Exercises | Less than one day (but > 6 hours) | Planning / Preparedness, Business, Legal or Ethical Considerations, Disaster Management, Resiliency, Mental Health and Responder Wellness, Triage | Preparedness, Response |
| Atack | The impact of an online interprofessional course in disaster management competency and attitude towards interprofessional learning | 2009 | Medical Students | Canada | Multiple Hospitals, Universities and Government | Online media, Drills, Gaming | 8 weeks (3h per week) | Planning / Preparedness, Communication, Biological, Chemical or Hazardous Materials, Environmental Disasters, Terrorism | Preparedness, Response |
| Behar | Training medical staff for pediatric disaster victims: a comparison of different teaching methods | 2008 | Physicians, Nurses, Residents | United States | Academic Hospital | Tabletop exercises, Classroom teaching | 0 - 6 hours | Special Populations | Response |
| Bistaraki | The effectiveness of a disaster training programme for healthcare workers in Greece | 2011 | Physicians, Nurses, Paramedics | Europe | Non-Academic Hospital | Tabletop Exercises, Classroom teaching, "Skills session" | 0 - 6 hours | Planning / Preparedness, Disaster Management | Preparedness, Response |
| Casebeer | Evaluation of an online bioterrorism continuing medical education course | 2006 | Physicians | United States | Academic Hospital | Online media | 0 - 6 hours | Terrorism, Disaster Management | Response |
| Chandler | Teaching emergency preparedness to public health workers: use of blended learning in web-based training | 2008 | Public health Workers | United States | Government | Combination of Tabletop exercises and field exercises | Unknown | Planning / Preparedness, Communication, Terrorism, Disaster Management | Preparedness, Response |
| Edwards | Promoting regional disaster preparedness among rural hospitals | 2008 | does not specify | United States | Non-Academic Hospital | Tabletop exercises | 0 - 6 hours | Planning / Preparedness, Communication, Environmental Disasters | Preparedness, Response, Recovery |
| Fox | Pediatric Issues in Disaster Preparedness: Meeting the Educational Needs of Nurses—Are we there yet? | 2008 | Nurses | United States | Academic Hospital | Classroom teaching | 0 - 6 hours | Biological, Chemical or Hazardous Materials, Disaster Management, Special Populations | Response |
| Gershon | Clinicians’ Knowledge, Attitudes, and Concerns Regarding Bioterrorism After a Brief Educational Program | 2004 | Physicians | United States | Both academic institution and govt organization | Classroom teaching | 0 - 6 hours | Biological, Chemical or Hazardous Materials, Terrorism, Resiliency, Mental Health and Responder Wellness | Response |
| Gershon | Terrorism Preparedness Training for Occupational Health Professionals | 2004 | Physicians, Nurses | United States | Government, Professional organizations | Classroom teaching | 0 - 6 hours | Planning / Preparedness, Terrorism | Preparedness |
| Gershon | Web-based training on weapons of mass destruction response for emergency medical services personnel | 2009 | Paramedics / EMT | United States | University (non-hospital) | Online media | Unknown | Terrorism | Response |
| Gillett | Simulation in a Disaster Drill: Comparison of High-fidelity Simulators versus Trained Actors | 2008 | Physicians, Nurses, Residents, Paramedics, Medical Students | United States | Academic Hospital | Field simulation/drills | Unknown | Disaster Management | Response |
| Heinrichs | Training healthcare personnel for mass-casualty incidents in a virtual emergency department: VED II | 2010 | Physicians, Nurses | United States | Academic Hospital | Online media | 0 - 6 hours | Biological, Chemical or Hazardous Materials, Terrorism, Disaster Management | Response |
| Hutchinson | Implementing a multidisciplinary disaster simulation for undergraduate nursing students | 2011 | Nursing students | United States | University (non-hospital) | Field simulation, Classroom teaching | Semester based course | Disaster Management | Response |
| Idrose | The use of classroom training and simulation in the training of medical responders for airport disaster | 2007 | Physicians, Nurses, Paramedics / EMT | Asia | airport | Tabletop exercises, Classroom teaching, Gaming | 0 - 6 hours | Disaster Management, Airport-specific training | Response |
| Ingrassia | Virtual reality and live scenario simulation: options for training medical students in mass casualty incident triage | 2012 | Medical Students | Europe | University, ?hospital | Field simulation, Classroom teaching, Drills | 1 - 5 day course | Disaster Management | Response |
| Kaji | A disaster medicine curriculum for medical students | 2010 | Medical Students | United States | Academic Hospital | Classroom teaching, Drills, Field experience | 5 - 14 day course | Planning / Preparedness, Disaster Management | Preparedness, Response |
| Kaji | Medical Student Participation in a Disaster Seminar and Drill: Brief Description of Activity and Report of Student Experiences | 2010 | Medical Students | United States | Academic Hospital | Classroom teaching, Drills | 1 - 5 day course | Disaster Management | Response |
| Kaplan | Use of an Emergency Preparedness | 2011 | Nursing students | United States | University (non-hospital) | Field simulation, Classroom teaching | 1 - 5 day course | Planning / Preparedness, Disaster Management | Preparedness, Response |
| King | Simulation training for a mass casualty incident: two-year experience at the Army Trauma Training Center | 2006 | Physicians | United States | Government and Academic Hospital | Field simulation | 0 - 6 hours | MCI Management | Response |
| Landry | Evaluation of a Collaborative Project in Disaster Preparedness | 2008 | Nursing students | United States | University (non-hospital) | Online media, Field simulation, Tabletop exercises, Classroom teaching, Drills | 1 - 5 day course | Planning / Preparedness, Biological, Chemical or Hazardous Materials, Disaster Management | Preparedness, Response |
| Leiba | Establishing a High Level of Knowledge | 2007 | Physicians, Nurses | Asia | Government | Classroom teaching, Drills | 0 - 6 hours | Biological, Chemical or Hazardous Materials, Terrorism, Disaster Management | Response |
| Leiba | Lessons Learned From Clinical Anthrax Drills: Evaluation of Knowledge and Preparedness for a Bioterrorist Threat in Israeli Emergency Departments | 2006 | Physicians | Asia | Government | Drills | 0 - 6 hours | Biological, Chemical or Hazardous Materials, Terrorism | Response |
| Lennquist Montán | Development and evaluation of a new simulation model | 2013 | Physicians, Nurses, Paramedics / EMT | Europe | Professional Organization (e.g. ACEP, ENA) | Tabletop exercises, Classroom teaching, Gaming | 1 - 5 day course | Communication, Disaster Management | Response |
| Leow | Mass casualty incident training in a resource-limited | 2011 | Unclear | Africa | NGO | Field simulation, Tabletop exercises, Classroom teaching | 1 - 5 day course | Communication, Disaster Management | Response |
| Nilsson | Simulation-assisted burn disaster planning | 2013 | Paramedics / EMT | Europe | Indepedent Training Organization | Field simulation | 1 - 5 day course | Planning / Preparedness, Communication, Disaster Management | Response |
| Parrish | A Short Medical School Course on Responding to Bioterrorism and Other Disasters | 2005 | Medical Students | United States | University (non-hospital) | Field simulation, Classroom teaching, Drills | Semester based course | Planning / Preparedness, Communication, Biological, Chemical or Hazardous Materials, Environmental Disasters, Disaster Management | Preparedness, Response |
| Pelaccia | Can teaching methods based on pattern recognition skill development optimise triage in mass-casualty incidents? | 2009 | Medical Students, Nursing students | Europe | University (non-hospital) | Field simulation, Classroom teaching | 5 - 14 day course | Planning / Preparedness, Communication, Disaster Management | Preparedness, Response |
| Pelaccia | Preparing health care students for mass casualty events | 2008 | Medical Students, Nursing students | Europe | University (non-hospital) | Field simulation, Classroom teaching | 5 - 14 day course | Planning / Preparedness, Biological, Chemical or Hazardous Materials, Disaster Management | Preparedness, Response |
| Quiram | The Texas Training Initiative for Emergency Response (T-TIER): An Effective Learning Strategy to Prepare the Broader Audience of Health Professionals | 2005 | Physicians, Nurses, Paramedics / EMT, Veterinarians, epidemiologists | United States | University (non-hospital) | Field simulation, Classroom teaching, Drills | 5 - 14 day course | Planning / Preparedness, Communication | Preparedness, Response |
| Qureshi | Effectiveness of an emergency preparedness training program for public health nurses in New York City | 2004 | Nurses | United States | University (non-hospital) | Written book/journal | Less than one day (but > 6 hours) | Planning / Preparedness | Preparedness |
| Reischl | Responsive Evaluation of Competency-based Public Health Preparedness Training Programs | 2005 | Public Health Staff | United States | Government | Classroom teaching | 1 - 5 day course | Planning / Preparedness | Preparedness |
| Rumoro | A comprehensive disaster training program to improve emergency physicians' preparedness: a 1-year pilot study | 2010 | Physicians | United States | Academic Hospital | Classroom teaching, Drills | 1 year | Planning / Preparedness | Preparedness |
| Scott | Skill improvement during emergency response to terrorism training | 2006 | Nurses, Paramedics / EMT | United States | University (non-hospital) | Field simulation, Classroom teaching | 1 - 5 day course | Planning / Preparedness, Communication, Biological, Chemical or Hazardous Materials, Terrorism, Disaster Management | Preparedness, Response |
| Scott | Competencies During Chaos: Life-Saving Performance of Patient Care Providers Using a Multi-Actor, Competency-Based Emergency Preparedness Curriculum | 2013 | Physicians, Medical Students | United States | University (non-hospital) | Field simulation, Classroom teaching | 1 - 5 day course | Biological, Chemical or Hazardous Materials, Disaster Management | Response |
| Scott | Disaster 101: a novel approach to disaster medicine training for health professionals | 2010 | Medical Students | United States | Academic Hospital | Field simulation, Classroom teaching | 0 - 6 hours | Biological, Chemical or Hazardous Materials | Response |
| Scott | Regional Approach to Competency-Based Patient Care Provider Disaster Training: The Center for Health Professional Training and Emergency Response | 2013 | Physicians, Nurses, administrators, managers | United States | University (non-hospital) | Online media, Field simulation, Classroom teaching, Drills | 1 - 5 day course | Communication, Biological, Chemical or Hazardous Materials | Response |
| Silenas | Developing disaster preparedness competence: an experiential learning exercise for multiprofessional education | 2008 | Medical Students, Veterinary students | United States | Academic Hospital | Tabletop Exercises, Classroom teaching | 1 - 5 day course | Planning / Preparedness, Communication, Biological, Chemical or Hazardous Materials, Terrorism, Disaster Management | Response |
| Summerhill | A simulation-based biodefense and disaster preparedness curriculum for internal medicine residents | 2008 | Residents | United States | Academic Hospital | Field simulation, Classroom teaching | 1 - 5 day course | Planning / Preparedness, Communication, Biological, Chemical or Hazardous Materials, Disaster Management, Resiliency, Mental Health and Responder Wellness | Preparedness, Response |
| Terndrup | Online Bioterrorism Continuing Medical Education: Development and Preliminary Testing | 2005 | Residents, Medical Students | United States | Academic Hospital | Online media | 0 - 6 hours | Biological, Chemical or Hazardous Materials, Terrorism | Response |
| Thomas | Self-study: an effective method for bioterrorism training in the OR | 2008 | Nurses | United States | Professional Organization (e.g. ACEP, ENA) | Self-study module | 0 - 6 hours | Planning / Preparedness, Biological, Chemical or Hazardous Materials, Terrorism | Preparedness, Response |
| Uddin | Emergency preparedness: addressing a residency training gap | 2008 | Residents | United States | Academic Hospital | Online media, Tabletop exercises, Classroom teaching | Semester based course | Planning / Preparedness, Communication, Biological, Chemical or Hazardous Materials, Environmental Disasters, Terrorism, Disaster Management, Resiliency, Mental Health and Responder Wellness | Preparedness, Response |
| Vincent | Mass-Casualty Triage Training for International Healthcare Workers in the Asia-Pacific Region Using Manikin-Based Simulations | 2009 | Physicians, Nurses, Residents, Paramedics / EMT | Asia | Academic Hospital | Field Simulation | 0 - 6 hours | Triage | Response |
| Vincent | Teaching Mass Casualty Triage Skills Using Immersive Three-dimensional Virtual Reality | 2008 | Medical Students | United States | Academic Hospital | Virtual reality, podcasts | 0 - 6 hours | Triage | Response |
| Vincent | Teaching Mass Casualty Triage Skills Using Iterative Multimanikin Simulations | 2009 | Medical Students | United States | Academic Hospital | Field simulation, podcasts | 0 - 6 hours | Triage | Response |
| Vukotich | Prairie North: a joint civilian/military mass casualty exercise highlights the role of the National Guard in community disaster response | 2012 | Physicians, Paramedics / EMT, National Guard | United States | Academic Hospital | Drills | Less than one day (but > 6 hours) | Planning / Preparedness, Communication, Biological, Chemical or Hazardous Materials, Disaster Management | Preparedness, Response |
| Wetta-Hall | Knowing who your partners are: terrorism-preparedness training for nurses | 2006 | Nurses | United States | Academic Hospital | Classroom teaching | Less than one day (but > 6 hours) | Terrorism | Response |
| Wetta-Hall | Preparing for burn disasters: predictors of improved perceptions of competency after mass burn care training | 2007 | Physicians, Nurses, Midlevels (PA/NP), Paramedics / EMT | United States | Academic Hospital | Classroom teaching | 1 day | Disaster Management, Burn management | Response |
| Wilkerson | Using Immersive Simulation for Training First Responders for Mass Casualty Incidents | 2008 | Paramedics / EMT | United States | Academic Hospital | Online media | Unknown but likely <6 hours | Terrorism | Response |