

# Prehospital and Disaster Medicine

## Volume 19 (2004)

### Author and Subject Index

#### AUTHOR INDEX

- A**  
 Ahmed A, 221–225  
 Alambra EF, 266–276  
 Anderson C, 245–255  
 Anes J, 266–276  
 Arbon P, 208–212  
 Arnold JL, 133–145, 201–207  
 Arreola-Risa C, 318–325  
 Asai Y, 278–284  
 Atas JG, 256–265
- B**  
 Baker D, 158–162  
 Baldursson J, s4  
 Barstein J, s6–s7  
 Bass EB, 191–200  
 Becker SM, 21–28  
 Behnke J, 266–276  
 Benitez F, s8  
 Berkowitz Z, 213–220  
 Birnbaum ML, 1, 128–129, 186–187, 285–286  
 Bjerkaas E, s13–s14  
 Bolton P, 97–101  
 Bosque L, 188–190  
 Bourque LB, 307–310  
 Bovim E, s3–s4  
 Braaten E, s6  
 Brantsaeter AB, s10  
 Brevik JI, s9  
 Brydholm SV, s14  
 Burgess RJ, 287–296  
 Burnham G, 221–225
- C**  
 Castren M, s10–s11  
 Catlett CL, 191–200  
 Cetiner S, 133–145  
 Char D, 356–361  
 Chun R, 366–369  
 Clark B, 362–365  
 Collins J, 256–265  
 Contreras I, 318–325  
 Cordova MJ, 45–53  
 Cosgrove SE, 191–200
- D**  
 Diamond D, 21–28  
 Downs MA, 102–112  
 Dulchavsky S, 366–369
- E**  
 Edward A, 221–225  
 Enachescu B, 266–276  
 Ersoy G, 133–145
- F**  
 Feldman MJ, 287–296  
 Feuerstein C, 191–200  
 Fitzgerald CL, 266–276  
 Flabouris A, 174–178  
 Flynn BW, 45–53  
 Follette VM, 73–78  
 Fortado M, 266–276  
 Fujii C, 278–284  
 Fuse A, 278–284
- G**  
 Gallagher, JV, III, 362–365  
 Garner A, 174–178  
 Giangreco C, 307–310  
 Gilbert M, 179–184  
 Gorman J, s8–s9  
 Gray MJ, 64–72  
 Green GB, 191–200  
 Gurwitch RH, 21–28
- H**  
 Haagensen R, 168–173  
 Hamilton DR, 366–369  
 Henmi H, 278–284  
 Herrera-Escamilla AJ, 318–325  
 Hoidahl JL, s2  
 Horton DK, 213–220  
 Howell R, 356–361  
 Hsu EB, 191–200  
 Huard D, 150–157  
 Hyder AA, 163–167
- I**  
 Ibrahim TK, 201–207  
 Ingilae H, 168–173  
 Ishihara T, 278–284  
 Ishii N, 278–284
- J**  
 Jacobsen D, s7  
 Jalasvuori J, s2–s3  
 Jang T, 356–361  
 Jenckes MW, 191–200  
 Jensen A, s9  
 Jonsson A, 226–234
- K**  
 Kagamimori S, 297–306  
 Kario K, 297–306  
 Katsumi A, 278–284  
 Katz K, 185  
 Kayaba K, 297–306  
 Kaye WE, 213–220  
 Kees M, 21–28  
 Khalikov R, s1  
 Kirkpatrick AW, 366–369  
 Klein KR, 256–265  
 Knudsen K, s7  
 Koido Y, 278–284  
 Kovdal A, s5  
 Kryder GD, 356–361  
 Kulling P, s7–s8
- L**  
 Landsverk JA, 113–121  
 Larkin GJ, s8  
 Larsen BI, s13  
 Lee F, 201–207  
 Lee GC, 150–157  
 Leon G, 2–3, 4–9  
 Levett J, 130–132  
 Levine BN, 201–207  
 Lindheim NJ, s12  
 Litz BT, 64–72  
 Lossius K, s14  
 LoVecchio F, 185, 362–365  
 Lukins JL, 287–296
- M**  
 MacDonald RD, 287–296  
 MacKenzie E, 245–255  
 Maconochie IK, 370–371  
 Maguen S, 64–72  
 Manmatha R, 201–207  
 Mann NC, 245–255  
 Markengbakken L, 168–173  
 Melton S, 366–369  
 Minowa M, 297–306  
 Mock C, 318–325  
 Molde A, s13  
 Morimura N, 278–284
- N**  
 Najarian LM, 79–85  
 Nakatani Y, 297–306  
 Nasir K, 163–167  
 Naugle AE, 54–63  
 Neira J, 188–190  
 Nocera A, 174–178  
 Noy S, 29–36, 37–45  
 Nufer KE, 146–149
- O**  
 O'Brien DJ, 201–207
- P**  
 Padesky C, 54–63  
 Palinkas L, 102–112, 113–121  
 Palm KM, 73–78  
 Pan-American Health Organization (PAHO), 326–351  
 Petterson JS, 102–112  
 Pfefferbaum B, 21–28  
 Pillgram-Larsen J, 179–184  
 Pitera A, 185  
 Pollack ML, 325–355  
 Polusny M, 2, 73–78, 122–127  
 Portner ME, 325–355  
 Prestipino AL, 311–317  
 Primrose J, 356–361  
 Prussing E, 113–121
- Q**  
 Quan D, 362–365
- R**  
 Raphael B, 10–20  
 Reznik VM, 113–121  
 Rivera W, s8  
 Robinson KA, 191–200  
 Rodoplu U, 133–145  
 Rognum O, s4–s5  
 Rokyay R, 133–145  
 Romundstad L, 179–184  
 Ronell DM, 54–63  
 Rossing A, 168–173  
 Roste GK, 179–184  
 Ruggiero K, 54–63  
 Russell JC, 102–112  
 Ruzek JI, 45–53, 54–63
- S**  
 Sandell JM, 370–371  
 Sargasyan AE, 366–369  
 Sauter C, 307–310  
 Schirk SK, 325–355  
 Schlenker MK, 325–355  
 Schreiber M, 21–28  
 Schroeder JM, 122–127  
 Schwartz B, 287–296  
 Segesten K, 226–234  
 Shahbaz CM, 163–167  
 Shenoy P, 201–207  
 Shoaf K, 307–310  
 Sirois M, 366–369  
 Sizelove ML, 266–276  
 Sjoborg KA, 168–173  
 Sokejima S, 297–306  
 Steen PA, 168–173  
 Sternberg E, 150–157  
 Sugimoto K, 278–284  
 Sugiyama M, 278–284  
 Sundnes KO, 179–184, s1–s2, s5–s6, s11–s12  
 Svagard I, s8–s9
- T**  
 Tan D, 356–361  
 Taylor MA, 266–276  
 Tegnell A, s12, s14–s15  
 Tjoflat I, s11  
 Trondsen TM, s15  
 Tsai MC, 201–207
- V**  
 Vargas J, 318–325  
 Velez L, s8  
 Verbeck PR, 287–296
- W**  
 Walderhaug S, s9  
 Walser RD, 54–63  
 Walsh DA, 201–207  
 Watts D, 185  
 Weisaeth L, 86–89, s4, s9–s10, s11  
 Weiss B, 307–310  
 Wilson-Ramirez G, 146–149  
 Wooding S, 10–20  
 Woody J, s8  
 World Health Organization (WHO), 326–351
- Y**  
 Yamamoto Y, 278–284  
 Young BH, 45–53  
 Yucel T, 133–145
- Z**  
 Zane RD, 311–317

## SUBJECT INDEX

1-1-2, s2-s3

1995 Hanshin-Awaji  
Earthquake, 297-306**A**

acceptance, s9  
 accidents, s13  
 acute release, 213-220  
 administration, 370-371  
   disaster planning organization, 370-371  
 adolescents, 10-20,122-127  
 Afghanistan, 221-225  
 Afghans, 169-173  
 agents, toxic, 174-178  
 agricultural area, 213-220  
 alarm, s3  
 alcohol, use of, 122-127  
 alert, s2-s3  
 algorithm, s13  
 ambulance, 235-244,318-325  
   personnel, 226-234  
   air, 158-163  
 Amsterdam Agreement, s14-s15  
 analysis,  
   multi-variate, 297-306  
   vulnerability, 326-351  
 antidote, s7  
 antitoxin, s8  
 area  
   agricultural, 213-220  
   rural, 213-220  
 aspirin, 362-365  
 assessment, 97-101  
 assistance, s5  
 asylum-seekers, 90-96  
 attitudes, s9  
 automated external defibrillator (AED), 352-355  
 avalanche, s4

**B**

bacteria, 266-277  
 bam, s11  
 barriers, 235-244  
 Belgium, 235-244  
 benefits, 150-157  
 bereavement, 10-20  
   traumatic, 64-72  
 biomedical, 208-212  
 bioterrorism, 21-28,245-255,  
   256-265,s12,s14-s15  
 bombing, 133-145  
 botulism, s8  
 buffering capacity, s13

**C**

camps, refugee, 169-173  
 carbon monoxide, s7  
 cardiac, 352-355  
 cardiopulmonary resuscitation (CPR), 278-284,s10  
 care,  
   mass gathering, medical,  
   287-296  
   medical, 287-296  
   prehospital, 287-296,  
   318-325  
 Center for Disease and Control (CDC), s14-s15

center, dispatch, s13-s14  
 chemicals, s5,s7  
   acute release of, 213-220  
 child health, 221-225  
 children, 10-20,21-28,370-371  
 chlorine, s7-s8  
 civilian, 174-178,s7  
 civil-military cooperation,  
   s5-s6  
 cognitive-behavioral practices,  
   54-63  
 cold, s2  
 collaboration, s9  
 collapse, roof, 179-184  
 collision, s2  
 combustion, s2  
 communication, 86-89,s4,  
   s8-s9,s11,s13-s14  
   emergency, s3  
 community (ies), 113-121,  
   352-355  
   health, 221-225  
   compensation, 235-244  
 competence, s10  
 complex emergencies, s1  
 computers, s8-s9  
 concerts, rock, 287-296  
 conduct, code of, s12-s13  
 conflicts, s12-s13  
 containment, s12  
 contamination, biological,  
   s14-s15  
 contingency, s14  
 control, s9-s10  
   command and, s9  
   coordination and, s4  
 cooperation, s6,s11  
   regional, s7  
 coordination, s11  
 Copenhagen, s13-s14  
 coping, s11  
   strategies, s9  
   stress, 29-36  
 coronary syndrome, 362-365  
 cost (s), 150-157,s2,s11-s12  
   effectiveness, 318-325  
   opportunity, s11-s12  
 country  
   developing, 318-325  
   international, less-developed,  
   318-325  
   less-developed, 318-325  
 crashes, s6  
 criminal technicians, s4-s5  
 crisis, 37-45,s8-s9,s12-s13  
 critical incident monitoring,  
   164-168  
 critical incident stress debriefing (CISD), 64-72  
 crop duster, 213-220  
 cross-border issues, 235-244  
 cross-cultural, 97-101  
 crowds, 208-212,278-284  
 culture, 97-101  
 cyanide, s7-s8

**D**

data, s8-s9  
 debriefing, 37-45,64-72  
 decontamination, 174-178,s7  
 defibrillation, s10  
 definitions, s1-s2,s11-s12  
 demand, s12

deployment, 146-149  
 depression, 54-63  
 diagnosis, s8,s9-s10  
 dioxines, s7-s8  
 disaster (s), 10-20,21-28,  
   46-53,54-63,79-85,86-89,  
   102-112,146-149,191-199,  
   201-207,245-255,307-310,  
   311-317,s1-s2,s4,s6,s11-s12,  
   s13, s15  
   management, s5,s12-s13  
   medical assistance team (DMAT), 146-149  
   medicine, 370-371,S2  
   natural, 4-9,73-78,122-127,  
   326-351  
   plan, 256-265  
   planning organization admin-  
   istration, 370-371  
   planning, 146-149,245-255,  
   326-351  
   technological, 4-9  
   workers, 73-78  
 disease, infectious, 256-265  
 documentation, s9  
 drill, 4,191-199,256-265  
   prehospital, 256-265

**E**

earthquake, 307-310,s11  
 Hanshin-Awaji (1995),  
   297-306  
 economy, s11-s12  
 education, 191-199,s2,s6  
   patient, 46-53  
 effectiveness, 191-199  
 effects, s11  
 efficiency, s8-s9  
 emergency, 174-178  
 calls, s3  
 communications, s3  
   management, 133-145,  
   201-207  
   medical services, 133-145,  
   235-244,287-296,318-325,  
   352-355,362-365,370-371,  
   s4,s6,s13  
   medical technician (EMT),  
   356-361  
   medicine, 46-53,133-145,  
   158-163,370-371,s6  
   plan, s13  
   response centers, s2-s3  
 endotoxin, 266-277  
 endotracheal tube, placement  
   of, 366-369  
 environment (s), 208-212,  
   278-284  
   post-conflict, 90-96  
 epidemic, s9-s10,s12  
 epidemiology, 297-306,s9-s10  
 equipment, s3  
   personal protective, (PPE),  
   174-178  
 escape, s7  
 ethnicity, 102-112  
 ethnographic, 97-101  
 European Union (EU),  
   s14-s15  
 evacuations, 150-157,s2,s9  
 evaluation, 191-199  
 event planning, 287-296  
 events, 150-157,s4-s5  
   fixed facility, 213-220

transportation-related,  
 213-220  
 traumatic, 226-234  
 exercise (s), 191-199  
   pilot, s15  
 explosion, 213-220  
 exposure, 174-178,s7-s8  
 extrication, s6  
 Exxon Valdez, 102-112

**F**

families, information and sup-  
 port to, 86-89  
 Finland, s2-s3,s10-s11  
 fire, 213-220,s7  
 firefighters, s6  
 first aid, s10,s12-s13  
 fishing, 158-163  
 form, professional self-descrip-  
 tion, 226-234  
 forward treatment, 37-45

**G**

games, football, 278-284  
 gas, s7-s8  
   nerve, s7  
 gathering, mass, 208-212  
 Germany, 235-244  
 grief, 10-20  
   traumatic, 64-72  
 guidelines, s2

**H**

hazardous materials (HazMat),  
 174-178  
 hazards, 150-157,174-178,  
   s1-s2,s4  
 health, 208-212,s3,s5-s6  
   child, 221-225  
   community, 221-225  
   emergencies, s6  
   infrastructure, 326-351  
   international, s14-s15  
   maternal, 221-225  
   mental, 21-28,46-53,97-101,  
   307-310  
   system, s12  
 healthcare  
   preparedness, s13  
   system, s13  
 helicopters, 158-163  
 helplessness, s11  
 history, s7-s8  
 hospital incident command  
   system, 311-317  
 hospital, 150-157,s14  
   field, s11  
   staff, 191-199  
 humanitarian, s5  
   operations, s5-s6  
 hurricane, 146-149  
   Andrew, 146-149  
   Iniki, 146-149

**I**

Iceland, s4  
 immunization, 221-225  
 Impact of Event Scale,  
   226-234  
 implementation, 311-317  
 incident command system, s4  
 indicators, S2  
 infection control, 266-277  
 infections, s12

- infectious disease, 256–265, s14–s15
- information, s2, s4, s8–s9, 201–207
- systems, s2–s3, s15
  - technology, 201–207
- injury (ies), 133–145, 169–173, 174–178, 318–325, 370–371
- intangibles, s11–s12
- intensity, seismic, 297–306
- international, s1–s2, s2, s5–s6,
- internet, 201–207
- interventions, 10–20, 21–28, 97–101
- early psychosocial, 86–89
  - early, 46–53
  - cognitive-behavioral, 64–72
- Iran, s11
- issues, s2
- cross-border, 235–244
  - psychosocial, 79–85
- J**
- job-related stress, 73–78
- Joint Medical Committee (NATO), s5
- journalists, 73–78, s4
- justice, s12
- K**
- knowledge, 191–199, s2
- L**
- laboratories, s9–s10
- law, international humanitarian-  
an, s1
- laws, s12
- logistics, s4–s5, s14
- loss, 10–20
- M**
- maldistribution, 133–145
- management, s1–s2, s12–s13
- emergency, 133–145, 201–207
  - major incident, 179–184
- mass-casualty incident, 191–199
- mass gathering, 208–212, 278–284, 287–296, s10
- medical care, 287–296
- maternal health, 221–225
- media, s4, s8, s9
- medical
- equipment, s13–s14
  - information tags, s8–s9
  - records, s9
  - response, 164–168
- medicine, 278–284
- disaster, 370–371
  - emergency, 46–53, 370–371
  - medico-legal, s4–s5
  - mental health, 21–28, 46–53, 97–101, 307–310
  - needs, 10–20
  - professionals, 73–78
  - services, 90–96
- methylisocyanate, s7–s8
- military, s9
- mitigation, 326–351
- mobile, s7
- model, conceptual, 208–212
- mortality, s7
- moulage, 256–265
- multiple casualty incidents (MCI), 164–168
- multi-variate analysis, 297–306
- municipalities, s6
- N**
- National Health Insurance, 297–306
- needs, mental health, 10–20
- Netherlands, 235–244
- network, wireless peer, 201–207
- nitrogen oxides, s7–s8
- North Atlantic Treaty Organization (NATO), s5–s6
- Norway, 158–163, s3, s11, s12
- nuclear, biological, chemical, s13
- nutrition, status of, 221–225
- O**
- odontologists, s4–s5
- operations, international, s11
- opportunity costs, s11–s12
- organization, s12
- outcome, 191–199
- out-of-hospital, 352–355
- P**
- panic, prevention of, 29–36
- paramedic, 287–296, 356–361
- pathologists, s4–s5
- pathophysiology, s1–s2
- patient
- education, 46–53
  - presentation, 278–284
- peace, s5–s6
- pediatric, 370–371
- performance, s10
- personal
- digital assistant, 201–207
  - protective equipment (PPE), 174–178
- personnel, ambulance, 226–234
- persons, internally displaced, 90–96
- plan (s), s6
- contingency, s13–s14
  - disaster, 256–265
  - emergency, s13
  - planning, 150–157, s5, s13
  - disaster, 245–255, 326–351
  - event, 287–296
- poisoning, s7–s8
- food, s8
- police, s4–s5, s6
- policy, 21–28
- post-disaster treatment, 64–72
- post-traumatic
- stress disorder (PTSD), 37–45, 46–53, 54–63, 90–96, 226–234, s8
  - stress reactions, 21–28
  - stress, 73–78, 102–112, 113–121, 122–127
- power
- supply, s13–s14
  - electrical, failure of, s13–s14
- practices, cognitive-behavioral, 54–63
- predictors, 226–234
- Predoc™, s15
- prehospital, s13, s15
- care, 287–296, 318–325
- drill, 256–265
- preparedness, 174–178, 191–199, 311–317, s1, s7, s12
- presentation, patient, 278–284
- prevention, 326–351
- procedures, assessment, rapid, 113–121
- procurement, s14
- Professional Self-Description Form (PSDF), 226–234
- propane, s2
- psycho-education, 64–72
- psychological
- effects, s8
  - trauma, 90–96
  - triage, 86–89
- psychosocial, 208–212
- issues, 79–85
  - sequelae, 4–9
- public health, 169–173
- purification, 266–277
- Q**
- qualitative, 97–101
- methods, 113–121
- quality, s15
- improvement of, 164–168
- R**
- radio-nuclear, s5
- reaction,
- adverse, 362–365
  - combat stress, 37–45
- Red Cross, s10, s12–s13
- Reform, s2–s3
- refugee camps, 169–173
- refugees, 90–96, 169–173
- regulations, 235–244, s12
- requirements, s2
- rescue, 179–184
- research, 208–212, s1–s2
- resilience, s9
- resources, s5–s6, s11
- responders, first, 352–355
- response, 174–178, 311–317, s1, s2, s13
- responsibility, s4–s5
- restrictions, s9–s10
- resuscitation, 366–369
- retrospective, 297–306
- rhetoric, s4
- risk, 150–157, 174–178, s1–s2, s4, s9
- analysis, s14
  - communication, 29–36
  - factors, 122–127, 169–173
- Rocknes, s3
- role, s5
- roof collapse, 179–184
- rural, 352–355
- area, 213–220
- S**
- safety, s7, s14
- sarin, s7–s8
- Scale, Impact of Event, 226–234
- schools, 113–121
- search and rescue (SAR), 158–163
- seismic intensity, 297–306
- services, emergency medical, 235–244, 287–296, 318–325, 352–355, 362–365, 370–371
- severe acute respiratory syndrome (SARS), s9–s10
- shootings, 113–121
- skills, s2
- smallpox, 256–265
- social welfare system, s13
- spirituality, 356–361
- staff, s3
- standards, s2
- sterilization, 266–277
- stress, 226–234
- job-related, 73–78
- stroke, risk of, 297–306
- substances, hazardous, 213–220
- suicide, 307–310
- supply (ies), s12, s14
- support, s9
- family and community, 10–20
- surveillance, s9–s10
- Sweden, s12–s13
- system,
- geographic information, 201–207
  - global positioning, 201–207
  - health, s12
  - social welfare, s13
- T**
- tags, dog, s9
- team, 158–163
- technician (EMT), emergency medical, 356–361
- technological disasters, 4–9
- technology, s8–s9
- information, 201–207
- telemedicine, s9
- terror, s9
- terrorism, 4–9, 10–20, 21–28, 29–36, 46–53, 54–63, 73–78, 133–145, 245–255, s5, s7–s8, s13
- terrorist (s), s4–s5, s9
- testing, s9–s10
- threats, s4
- times, s1–s2
- tourism, 158–163
- toxicology, s7
- toxins, s7
- training, 79–85, 191–199, s2, s2–s3, s10, s12–s13
- trains, s2
- transport, 278–284
- transportation-related events, 213–220
- trauma, 10–20, 37–45, 46–53, 54–63, 133–145, 318–325, 370–371, s8
- psychological, 90–96
  - secondary, 73–78
- traumatic
- bereavement, 64–72
  - events, 226–234
  - grief, 64–72
  - treatment, s8
  - forward, 37–45
  - triage, 370–371
  - psychological, 86–89
- Turkey, 133–145
- U**
- ultrasound,
- portable, hand-held, 366–369

thoracic, 366–369  
uncertainty, s9  
United Nations (UN), s5–s6  
Urgent Medical Assistance  
(UMA), 235–244

**V**

ventilation, pulmonary,  
366–369  
victim (s), s9  
identification of, s4–s5

violence, 245–255, s8  
virus, 266–277  
volunteers, s10  
vulnerability, 169–173, s1–s2  
analysis, 326–351, s14

**W**

war, 29–36, s5–s6, s7, s12  
warfare, chemical and biological,  
174–178

water, 266–277  
drinking, 266–277  
purified, 266–277  
sterile, 266–277  
weapons of mass destruction  
(WMD), s5  
wireless peer network, 201–207  
working environment, 226–234  
workshop, s6  
World Association for Disaster  
and Emergency Medicine  
(WADEM), s1–s2

World Cup, 278–284  
World Health Organization  
(WHO), s9–s10

**Y**

youth violence, 113–121