The Cambridge Medicine programme focuses its book publishing in a defined set of core clinical areas with our great strength in the clinical brain sciences. Other specialties of significant focus include reproductive medicine/obstetrics and gynaecology, anaesthesia and critical care, emergency medicine and pathology.

Our journals programme covers a broad spectrum of medical disciplines including emergency and disaster medicine, epidemiology and infectious diseases, biomedical science, genetics, nutrition, mental health and psychiatry, and neuroscience.

We partner with many learned societies including The Society for Healthcare Epidemiology of America, and the Neuroscience Education Institute, and the Royal College of Obstetricians and Gynaecologists.

For further details visit: cambridge.org/core-medicine
Observation Medicine
Principles and Protocols
Sharon Mace, Department of Emergency Medicine, Cleveland Clinic, Ohio
April 2017 / 9781107022348 / Hardback / $105.00 / £64.99
Using sample administrative and clinical protocols that any hospital can use, this book gives a detailed account of how to set up and run an observation ward and reviews all medical conditions in which observation medicine may be beneficial. In addition to clinical topics such as improving patient outcomes and avoiding readmissions, it also includes practical topics such as design, staffing, and daily operations, fiscal aspects, such as coding, billing, and reimbursement; regulatory concerns, such as aligning case management and utilization review with observation, nursing considerations; and more. The future of observation medicine, and how it can help solve the healthcare crisis from costs to access, is also discussed. Although based on US practices, this book is also applicable to an international audience, and contains instructions on implementing observation in any setting or locale and in any type of hospital or other appropriate facility.
• Contains clinical protocols for diseases/conditions that may be managed by observation medicine, which is an up-and-coming solution to the crisis of costs and access to emergency healthcare
• Contains administrative protocols and covers the financial and business aspects of running an observation unit
• Offers an international perspective, with practical methods for implementing observation medicine in any location and with any type of resources, staffing, and education

Textbook of Disaster Psychiatry
2nd Edition
Editors: Robert J. Ursano, Uniformed Services University of the Health Sciences, Maryland
Carol S. Fullerton, Uniformed Services University of the Health Sciences, Maryland
Lars Weisaeth, Universitetet i Oslo
Beverley Raphael, Australian National University, Canberra
May 2017 / Hardback / 9781107138490 / $105.00 / £84.99
Covering both natural and man-made scenarios including war and terrorism, the Textbook of Disaster Psychiatry is a vital international reference for medical professionals, community leaders and disaster responders a decade after its initial publication. Spanning a decade of advances in disaster psychiatry, this new and updated second edition brings together the views of current international experts to offer a cutting-edge comprehensive review of the psychological, biological and social responses to disaster, in order to help prepare, react, and aid recovery. Topics range from the epidemiology of disaster response, disaster ecology, the neurobiology of disaster exposure, to socio-cultural issues, early intervention and consultation-liaison care for injured victims; new roles for governmental and nongovernmental organizations, workplace policies and the implications for future needs planning at both an individual and community level are also addressed.
• The comprehensive examination of the impact of disaster can be traced back in the book both clinical and public health sciences
• The text has been updated to cover a decade of advances, leading to more effective approaches to preparation, treatment, intervention and therefore recovery
• Concepts and approaches are applied to worldwide needs, resulting in a text relevant to real life practice

For more information visit: www.cambridge.org
Table of Contents

EDITORIAL

Literature Reviews: Methods and Applications ........................................... 347
Samuel J. Stratton, MD, MPH

ORIGINAL RESEARCH

PREHOSPITAL HEALTH AND MEDICINE

A Comparison of Efficacy of Treatment and Time to Administration of Naloxone by BLS and ALS Providers .................................................. 350
Kenneth Nugent, MD; Patrick Matthews, MD; Jamie Gissendaner, RN, BSN; Mia Papas, PhD; Deborah Occident; Avkash Patel, BA, MS; Michelle Johnson; Ross E. Megargel, DO; Jason T. Nomura, MD

Crash Telemetry-Based Injury Severity Prediction is Equivalent to or Out-Performs Field Protocols in Triage of Planar Vehicle Collisions ........................................... 356
Katherine He, MD, MS; Peng Zhang, PhD; Stewart C. Wang, MD, PhD

Validation of the Pediatric Physiological and Anatomical Triage Score in Injured Pediatric Patients ...................... 363
Takashi Muguruma, MD; Chiaki Toida, MD, PhD; Shintaro Furugori, MD; Takeru Abe, PhD; Ichiro Takeuchi, MD, PhD

DISASTER HEALTH AND MEDICINE

Identifying Crucial Equipment and Skills Needed to Evacuate Critically Ill Infants During Disasters: Using Nursing Expertise to Guide Training Targets ........................................... 370
Megan M. Gray, MD; Anita A. Thomas, MD, MPH; Brian Burns, RN; Rachel A. Umoren, MD, MS

Primary Health Care Nurses’ Self-Perception of Theoretical Knowledges and Practical Skills in Life-Threatening Emergencies: A Cross-Sectional Study ...................... 376
José Antonio Cernuda Martínez, PhD; Rafael Castro Delgado, PhD; Tatiana Cuartas Álvarez, MSc; Pedro Arcos González, PhD

Characterizing Chemical Terrorism Incidents Collected by the Global Terrorism Database, 1970-2015 .......................... 385
Cynthia Santos, MD; Tharwat El Zahran, MD; Jessica Weiland, MD; Mebruba Anwar, MD; Joshua Schier, MD, MPH

Using Standardized Checklists Increase the Completion Rate of Critical Actions in an Evacuation from the Operating Room: A Randomized Controlled Simulation Study ........................................... 393
Yahya A. Acar, MD; Neil Mehta, MD; Mary-Ann Rich; Banu Karakus Yilmaz, MD; Matthew Caretsky; Jose Generoso, MD; Richard Fidler, MBA, MSN, CRNA, ACNP; Jan Hirsch, MD, PhD

Triage Performance of School Personnel Using the SALT System ..................... 401
Daniel H. Celik, MD; Francis R. Menci, MD, MS; Michel Debacker, MD; Lisa Kurland, MD, PhD;
Scott T. Wilber, MD, MPH; Jennifer A. Frey, PhD, CCRP

Use of Medication at the Roskilde (Denmark) Music Festival 2015 – A Prospective Observational Study of 15,133 Treated Attendees ........................................... 407
Søren Stagelund, MD; Kenneth Geving Andersen, MD, PhD; Jesper Søe, MD; Michelle Roslind; Kim Wildgaard, MD, PhD

SPECIAL REPORTS

Comparative Review on the Cost-Effectiveness Analysis of Relief Teams’ Deployment to Sudden-Onset Disasters ........................................... 415
Andrea Bartolucci; Darren Walter; Tony Redmond

August 2019 Prehospital and Disaster Medicine

https://doi.org/10.1017/S1049023X19004679 Published online by Cambridge University Press
The Carle-Illinois (Urbana, Illinois USA) Transport Protocol for LEK9s: Guidelines for Emergency Medical Service Providers ................................. 422
William B. Weir, MD; Ashley E. Mitek, DVM, MS; Michael Smith, MD; Danielle Schneider, BS; Maureen A. McMichael, DVM, M.Ed.

The Carle-Illinois (Urbana, Illinois USA) Treatment Protocol for Law Enforcement K9s: Guidelines for Emergency Medical Services ............................. 428
Ashley E. Mitek, DVM; Maureen A. McMichael, DVM, M.Ed; William B. Weir, MD; Michael J. Smith, MD; Danielle C. Schneider, BS

Proposal of a Model of Disaster Medical Education for Practical Risk Management and Disaster Nursing: The SINCHI Education Model ........................................... 438
Koichi Shinchi; Hitomi Matsunaga; Yumi Fukuyama

Triage in Complex, Coordinated Terrorist Attacks ........................................ 442
Matt Pepper, MPhil; Frank Archer, MBBS; John Moloney, MBBS

BRIEF REPORT
Using a Journal Club Series to Introduce Paramedic Students to Research Fundamentals and Critical Appraisal of Medical Literature ........................................ 449
Lauren M. Maloney, MD, NRP, FP-C, NCEE; Robert Trevor Marshall, MD, FAEMS; Paul A. Werfel, MS, NRP; Scott E. Johnson, MD, FACEP

CASE REPORTS
Non-Invasive CPAP Ventilation in Acute Carbon Monoxide Poisoning ......................................................... 454
Hasan Idil, MD; Orkun Unek, MD

Newly Recognized Stuttering in Three Young Children Following the Hojedk Earthquake in Iran ..................................................... 456
Hamid Jafari; Mahan Mohamadi; Aghbar Haghjoo; Mohammad Heidari

LETTER TO THE EDITOR
Genoa, Italy Bridge Collapse: Effects on Neonatal Emergency Transport Service .................................................. 458
Carlo Bellini, MD, PhD; Maria Grazia Calevo

CORRIGENDA
Does Medical Presence Decrease the Perceived Risk of Substance-Related Harm at Music Festivals? – CORRIGENDUM .............................................. 460
Matthew Brendan Munn; Melissa Sydney White; Alison Hutton; Sheila Turris; Haddon Rabb; Adam Lund; Jamie Ranse

Emergency Ambulance Dispatch and Drive Times: An Analysis of Prehospital Vehicular Response in the Kingdom of Bhutan – CORRIGENDUM .............................................. 461
Mila Dorji; Gabriel Saruhashi; Jenevieve Kincaid; Charlie Mize

Stroke Prehospital Informed Decision-Making Using EEG Recordings (SPIDER) – CORRIGENDUM .............................................................. 462
Simon Finnigan; Wayne Loudon; Associate Professor Andrew Wong; Professor Vivienne Tippett

ADDENDUM
Regina Witt; Robriane Menegat