# Gulf War Veterans

AND SYNDROMES

INSTITUTE OF MEDICINE

# **Gulf War Veterans Treating Symptoms And Syndromes**

Institute of Medicine, Board on the Health of Select Populations, Committee on the Development of a Consensus Case Definition for Chronic Multisymptom Illness in 1990-1991 Gulf War Veterans

#### **Gulf War Veterans Treating Symptoms And Syndromes:**

Gulf War Veterans Institute of Medicine, Board on Health Promotion and Disease Prevention, Committee on Identifying Effective Treatments for Gulf War Veterans' Health Problems, 2001-08-30 Ten years after the end of the Gulf War questions continue to be raised about the health of U S service personnel who fought in that war A primary concern is whether Gulf War veterans are receiving effective treatments for their health problems Section 105 of the Veterans Program Enhancement Act of 1998 mandates that the Department of Veterans Affairs VA ask the Institute of Medicine IOM to convene a committee that would identify a method for assessing treatment effectiveness and describe already validated treatments for Gulf War veterans health problems including the problem of medically unexplained symptoms. The specific charge to the committee is to 1 identify and describe approaches for assessing treatment effectiveness 2 identify illnesses and conditions among veterans of the Gulf War using data obtained from the VA and the Department of Defense DoD Gulf War Registries as well as information in published articles and 3 for these identified conditions and illnesses identify validated models of treatment to the extent that such treatments exist or identify new approaches theories or research on the management of patients with these conditions if validated treatment models are not available Chronic Multisymptom Illness in Gulf War Veterans Institute of Medicine, Board on the Health of Select Populations, Committee on the Development of a Consensus Case Definition for Chronic Multisymptom Illness in 1990-1991 Gulf War Veterans, 2014-05-21 More than 2 decades have passed since the 1990 1991 conflict in the Persian Gulf During the intervening years many Gulf War veterans have experienced various unexplained symptoms that many associate with service in the gulf region but no specific exposure has been definitively associated with symptoms Numerous researchers have described the pattern of signs and symptoms found in deployed Gulf War veterans and noted that they report unexplained symptoms at higher rates than nondeployed veterans or veterans deployed elsewhere during the same period Gulf War veterans have consistently shown a higher level of morbidity than the nondeployed in some cases with severe and debilitating consequences However efforts to define a unique illness or syndrome in Gulf War veterans have failed as have attempts to develop a uniformly accepted case definition Chronic Multisymptom Illness in Gulf War Veterans is a comprehensive review of the available scientific and medical literature regarding symptoms for chronic multisymptom illness CMI among the 1991 Gulf War Veterans This report evaluates and summarizes the literature in an effort to identify appropriate terminology to use in referring to CMI in Gulf War Veterans While the report does not recommend one specific case definition over another Chronic Multisymptom Illness in Gulf War Veterans does recommend the consideration of two case definitions on the basis of their concordance with the evidence and their ability to identify specific symptoms commonly reported by Gulf War veterans This report recommends that the Department of Veterans Affairs use the term Gulf War illness rather than CMI The report recommends that that the Department of Veterans Affairs to the extent possible systematically assess existing data to identify additional features of

Gulf War illness such as onset duration severity frequency of symptoms and exclusionary criteria to produce a more robust Gulf War Veterans Institute of Medicine. Board on Health Promotion and Disease Prevention. Committee case definition on Identifying Effective Treatments for Gulf War Veterans' Health Problems, 2001-09-30 Ten years after the end of the Gulf War guestions continue to be raised about the health of U S service personnel who fought in that war A primary concern is whether Gulf War veterans are receiving effective treatments for their health problems Section 105 of the Veterans Program Enhancement Act of 1998 mandates that the Department of Veterans Affairs VA ask the Institute of Medicine IOM to convene a committee that would identify a method for assessing treatment effectiveness and describe already validated treatments for Gulf War veterans health problems including the problem of medically unexplained symptoms. The specific charge to the committee is to 1 identify and describe approaches for assessing treatment effectiveness 2 identify illnesses and conditions among veterans of the Gulf War using data obtained from the VA and the Department of Defense DoD Gulf War Registries as well as information in published articles and 3 for these identified conditions and illnesses identify validated models of treatment to the extent that such treatments exist or identify new approaches theories or research on the management of patients with these conditions if validated treatment models are not available **Gulf War and Health** Institute of Medicine, Board on the Health of Select Populations, Committee on Gulf War and Health: Treatment for Chronic Multisymptom Illness, 2013-04-04 Chronic multisymptom illness CMI is a serious condition that imposes an enormous burden of suffering on our nation's veterans Veterans who have CMI often have physical symptoms such as fatigue joint and muscle pain and gastrointestinal symptoms and cognitive symptoms such as memory difficulties For the purposes of this report the committee defined CMI as the presence of a spectrum of chronic symptoms experienced for 6 months or longer in at least two of six categories fatigue mood and cognition musculoskeletal gastrointestinal respiratory and neurologic that may overlap with but are not fully captured by known syndromes such as CFS fibromyalgia and IBS or other diagnoses Despite considerable efforts by researchers in the United States and elsewhere there is no consensus among physicians researchers and others as to the cause of CMI There is a growing belief that no specific causal factor or agent will be identified Many thousands of Gulf War veterans 1 who have CMI live with sometimes debilitating symptoms and seek an effective way to manage their symptoms Estimates of the numbers of 1991 Gulf War veterans who have CMI range from 175 000 to 250 000 about 25 35% of the 1991 Gulf War veteran population and there is evidence that CMI in 1991 Gulf War veterans may not resolve over time Preliminary data suggest that CMI is occurring in veterans of the Iraq and Afghanistan wars as well In addition to summarizing the available scientific and medical literature regarding the best treatments for chronic multisymptom illness among Gulf War veterans Gulf War and Health Volume 9 Treatment for Chronic Multisymptom Illness recommends how best to disseminate this information throughout the VA to improve the care and benefits provided to veterans recommends additional scientific studies and research initiatives to resolve areas of continuing scientific

uncertainty and recommends such legislative or administrative action as the IOM deems appropriate in light of the results of Improving the Presumptive Disability Decision-Making Process for Veterans Institute of Medicine, Board on its review Military and Veterans Health, Committee on Evaluation of the Presumptive Disability Decision-Making Process for Veterans, 2008-05-15 The United States has long recognized and honored the service and sacrifices of its military and veterans Veterans who have been injured by their service whether their injury appears during service or afterwards are owed appropriate health care and disability compensation For some medical conditions that develop after military service the scientific information needed to connect the health conditions to the circumstances of service may be incomplete When information is incomplete Congress or the Department of Veterans Affairs VA may need to make a presumption of service connection so that a group of veterans can be appropriately compensated. The missing information may be about the specific exposures of the veterans or there may be incomplete scientific evidence as to whether an exposure during service causes the health condition of concern For example when the exposures of military personnel in Vietnam to Agent Orange could not be clearly documented a presumption was established that all those who set foot on Vietnam soil were exposed to Agent Orange The Institute of Medicine IOM Committee was charged with reviewing and describing how presumptions have been made in the past and if needed to make recommendations for an improved scientific framework that could be used in the future for determining if a presumption should be made The Committee was asked to consider and describe the processes of all participants in the current presumptive disability decision making process for veterans The Committee was not asked to offer an opinion about past presumptive decisions or to suggest specific future presumptions The Committee heard from a range of groups that figure into this decision making process including past and present staffers from Congress the VA the IOM veterans service organizations and individual veterans The Department of Defense DoD briefed the Committee about its current activities and plans to better track the exposures and health conditions of military personnel The Committee further documented the current process by developing case studies around exposures and health conditions for which presumptions had been made Improving the Presumptive Disability Decision Making Process for Veterans explains recommendations made by the committee general methods by which scientists as well as government and other organizations evaluate scientific evidence in order to determine if a specific exposure causes a health condition **Respiratory Health Effects of Airborne** Hazards Exposures in the Southwest Asia Theater of Military Operations National Academies of Sciences, Engineering, and Medicine, Health and Medicine Division, Board on Population Health and Public Health Practice, Committee on the Respiratory Health Effects of Airborne Hazards Exposures in the Southwest Asia Theater of Military Operations, 2020-10-23 More than 3 7 million U S service members have participated in operations taking place in the Southwest Asia Theater of Military Operations since 1990 These operations include the 1990 1991 Persian Gulf War a post war stabilization period spanning 1992 through September 2001 and the campaigns undertaken in the wake of the

September 11 2001 attacks Deployment to Iraq Kuwait Saudi Arabia Bahrain Gulf of Aden Gulf of Oman Oman Qatar the United Arab Emirates and Afghanistan exposed service members to a number of airborne hazards including oil well fire smoke emissions from open burn pits dust and sand suspended in the air and exhaust from diesel vehicles The effects of these were compounded by stressors like excessive heat and noise that are inevitable attributes of service in a combat environment Respiratory Health Effects of Airborne Hazards Exposures in the Southwest Asia Theater of Military Operations reviews the scientific evidence regarding respiratory health outcomes in veterans of the Southwest Asia conflicts and identifies research that could feasibly be conducted to address outstanding questions and generate answers newly emerging technologies that could aid in these efforts and organizations that the Veterans Administration might partner with to accomplish this work **Encyclopedia of Military Science** G. Kurt Piehler, 2013-07-24 The Encyclopedia of Military Science provides a comprehensive ready reference on the organization traditions training purpose and functions of today s military Entries in this four volume work include coverage of the duties responsibilities and authority of military personnel and an understanding of strategies and tactics of the modern military and how they interface with political social legal economic and technological factors A large component is devoted to issues of leadership group dynamics motivation problem solving and decision making in the military context Finally this work also covers recent American military history since the end of the Cold War with a special emphasis on peacekeeping and peacemaking operations the First Persian Gulf War the events surrounding 9 11 and the wars in Afghanistan and Iraq and how the military has been changing in relation to these Fibromyalgia and Other Central Pain Syndromes Daniel Jeffrey Wallace, Daniel J. Clauw, M.D., 2005 This volume is events the first comprehensive text devoted to fibromyalgia and other centrally mediated chronic pain syndromes Leading experts examine the latest research findings on these syndromes and present evidence based reviews of current controversies Chapters discuss the definition epidemiology and pathophysiology of chronic pain and fibromyalgia the clinical presentations of fibromyalgia syndrome and central sensitization syndromes associated with chronic neuromuscular pain The contributors thoroughly examine various approaches to evaluation and management of patients with fibromyalgia and chronic pain Other chapters focus on disability issues prognosis and future research directions A critically reviewed listing of Websites and other resources is included The U.S. Department of Veterans Affairs Budget Request for Fiscal Year 2010 United States. Congress. House. Committee on Veterans' Affairs, 2009 Cumulated Index Medicus ,1998 Treating Victims of Weapons of Mass Destruction Patrick Barriot, Chantal Bismuth, 2008-06-03 During the last century the weapons of war became increasingly sophisticated and their effects ever more remote from the actual user Militarization of nuclear atomic forces chemicals and biological agents has considerably enlarged the arena of warfare but of possibly even greater concern is the threat of such agents being deployed by terrorists This book was originally published in French in 2004 subsequent events such as the London bombings in July 2005 have only reinforced the importance of all doctors and emergency

personnel understanding the various agents that could be used and having the knowledge to deal with victims of an attack or even an industrial accident The book has therefore been translated into English to make it available to a wider audience The book was coordinated by Chantal Bismuth Professor of Medicine who has acted as an advisor for the Minister of Health in France and is an international consultant in toxicology Her co editor Patrick Barriot is an anaesthetist with operational experience in the Paris Fire Brigade and the 11th division of Paratroops who is now responsible for the department of Biological risks from new technologies The authors are representative of the doctors who would have to deal with the human casualties of warfare or a terrorist attack They review all weapons of mass destruction both chemical and biological including the use of bacteria anthrax and viruses such as variola and influenza In each case they describe the pathogenic agent the human consequences organizational aspects of care for the victims and best practice for treatment As one author reports The infections caused by potential biological warfare agents are seldom taught in the course of medical studies and the majority of physicians never encounter these types of pathology in their daily professional practice. Since its eradication people are not trained to recognize smallpox or to make the differential diagnosis between anthrax and bronchitis Other chapters cover the effects of nuclear weapons and radiation on humans as well as the features of Gulf War syndrome An important chapter deals with the organization of medical responses to chemical or biological attack Planning equipping and training responder services are the best responses to the dispersion of chemical and biological agents The book addresses all those involved in the security of the civilian population the organization of rescue services and the treatment of victims Robert W. Baloh, Robert E. Bartholomew, 2020-03-19 It is one of the most extraordinary cases in the history of science the mating calls of insects were mistaken for a sonic weapon that led to a major diplomatic row Since August 2017 the world media has been absorbed in the attack on diplomats from the American and Canadian Embassies in Cuba While physicians treating victims have described it as a novel and perplexing condition that involves an array of complaints including brain damage the authors present compelling evidence that mass psychogenic illness was the cause of Havana Syndrome This mysterious condition that has baffled experts is explored across 11 chapters which offer insights by a prominent neurologist and an expert on psychogenic illness A lively and enthralling read the authors explore the history of similar scares from the 18th century belief that sounds from certain musical instruments were harmful to human health to 19th century cases of telephone shock and more contemporary panics involving people living near wind turbines that have been tied to a variety of health complaints The authors provide dozens of examples of kindred episodes of mass hysteria throughout history in addition to psychosomatic conditions and even the role of insects in triggering outbreaks Havana Syndrome Mass Psychogenic Illness and the Real Story Behind the Embassy Mystery and Hysteria is a scientific detective story and a case study in the social construction of mass psychogenic illness Chronic Fatigue Syndrome, Fibromyalgia, and Other Invisible Illnesses Katrina Berne, Katrina H. Berne, 2001 Symptom checklist included in appendix A **Silent Winter** 

Joanna Moore, 2021-05-01 Silent Winter is about the silent spread of toxic chemicals in our daily lives and their role in the growing prevalence of illnesses such as cancer chronic fatigue diabetes asthma digestive issues depression dementia and others The scientific evidence about chronic illness and toxic chemicals is withheld from us through stunningly elaborate efforts so that business can continue as usual Approximately 45% of the adult US population now has at least one chronic illness and chronic illness is commonly caused by chronic exposure to toxic chemicals We are often told that these diseases are a result of our lifestyle or our genes We rarely hear that chronic illness is on the rise as a result of toxic chemicals in consumer products and throughout our environment Industry does not want to change so it is forcing us to change on an evolutionary level to deal with the onslaught of chemicals in our daily lives When we cannot keep up and get ill we are sold chemical solutions to make us feel better But individuals and families dealing with chronic illness often know or suspect that toxic chemicals have played a role in the demise of their health. The author also shows how the problem is covered up at a societal level by obscuring what we know and how discussion of possible solutions is silenced by manipulating the marketplace Millions of human lives are being muted as a result of chronic illness Finally the author discusses our way out of this mess In the 1962 book Silent Spring Rachel Carson dedicated one short chapter to the anticipated human health impacts from toxic chemicals That chapter seeded the present work Silent Winter which was written after sixty additional years of scientific research and widespread human exposure to a variety of toxic chemicals In Our Stolen Future 1996 Theo Colborn et al warned of the potential dangers of hormone disrupting chemicals on human health Nearly another 25 years have passed since that writing Silent Winter reveals the observed impacts of these hormone disrupting chemicals on human health

Concise Encyclopedia of Chronic Fatigue Syndrome Roberto Patarca Montero, 2021-11-18 Are you in touch with the latest CFS information The Concise Encyclopedia of Chronic Fatigue Syndrome summarizes current knowledge about Chronic Fatigue Syndrome CFS to help doctors and those working with CFS patients become familiar with recent developments and lessons learned about this and related fatiguing disorders The information has been thoughtfully organized so that you will be able to easily access and become familiar with highlights of the most relevant topics The Concise Encyclopedia of Chronic Fatigue Syndrome will bring you up to date on advances in cardiovascular medicine endocrinology epidemiology immunology infectious diseases neurology psychiatry and psychology which have served as the basis for the formulation of new lines of research and novel therapeutic interventions for CFS You ll find valuable information on the A to Z of CFS in the Concise Encyclopedia of Chronic Fatigue Syndrome including the relationships between AIDS and fatigue brain injury and fatigue cancer and fatigue as well as demographics of CFS interstitial cystitis MAO inhibitors neuropsychology of CFS psychosocial measures stress factors tumor necrosis factors and much moreComprehensive and thorough the Concise Encyclopedia of Chronic Fatigue Syndrome highlights areas that need more research and gives you greater awareness of this widespread and growing problem This compendium will educate and create greater CFS awareness among healthcare professionals and the

general public Clinical Environmental Health and Toxic Exposures John Burke Sullivan, Gary R. Krieger, 2001 Now in its revised and updated Second Edition this volume is the most comprehensive and authoritative text in the rapidly evolving field of environmental toxicology The book provides the objective information that health professionals need to prevent environmental health problems plan for emergencies and evaluate toxic exposures in patients Coverage includes safety regulatory and legal issues clinical toxicology of specific organ systems emergency medical response to hazardous materials releases and hazards of specific industries and locations Nearly half of the book examines all known toxins and environmental health hazards A Brandon Hill recommended title Medical Toxicology Richard C. Dart, 2004 This thoroughly revised and updated Third Edition of the classic Medical Toxicology is the definitive reference on the management of poisoned patients More than 300 well organized chapters written by eminent authorities guide clinicians through the diagnosis and treatment of every poisoning or drug overdose Chapter outlines headings and a detailed index enable readers to quickly locate exactly the information they need This edition includes new chapters on biological and chemical weapons and on diagnosis of patients with apparent symptoms of poisoning when the cause is unknown The book includes comparative commentary on toxicology practice in the United States Europe Australia and Asia Compatibility BlackBerry OS 4 1 or Higher iPhone iPod Touch 2 0 or Higher Palm OS 3 5 or higher Palm Pre Classic Symbian S60 3rd edition Nokia Windows Mobile Pocket PC all versions Windows Mobile Smartphone Windows 98SE 2000 ME XP Vista Tablet PC Australia and the New World Order David Horner, 2011-02-07 Comprehensive study of Australia s role in the peace enforcement operations that developed at the end of the Cold War Reversibility of Chronic Disease and Hypersensitivity, Volume 4 William J. Rea, Kalpana D. Patel, 2017-11-22 Reversibility of Chronic Disease and Hypersensitivity Volume 4 The Environmental Aspects of Chemical Sensitivity is the fourth of an encyclopedic five volume set describing the basic physiology chemical sensitivity diagnosis and treatment of chronic degenerative disease studied in a 5x less polluted controlled environment This text focuses on treatment techniques strategies protocols prescriptions and technologies Distinguishing itself from previous works on chemical sensitivity it explains newly understood mechanisms of chronic disease and hypersensitivity involving core molecular function. The authors discuss new information on ground regulation system genetics the autonomic nervous system and immune and non immune functions. The book also includes the latest technology and cutting edge techniques numerous figures and supporting research <u>Autoimmune Disorders</u> Abdulla Watad, Nicola Luigi Bragazzi, Yehuda Shoenfeld, 2024-04-30 Comprehensive resource on the science of autoimmune disorders covering causes treatment prevention and the latest research in the field Autoimmune Disorders is an authoritative reference on the science of autoimmune disorders covering their causes including infections vaccine adjuvants environmental stimuli and silicone implants the latest research on the genetics epigenetics and immunology of autoimmunity predictive markers therapeutic approaches for treatment and prevention and suggestions for future research directions. This book explores the

intricate connections between adjuvants and autoimmune responses focusing on the emergence of the Autoimmune Inflammatory Syndrome Induced by Adjuvants ASIA syndrome as well as autoimmune connections in areas such as chronic fatigue syndrome autoantibodies targeting the autonomic system and small fiber neuropathy The authors emphasize the profound impact of vaccines on public health underscoring that their benefits far outweigh potential side effects and exploring the historical context of adjuvants in vaccine development From tattoos to environmental factors each chapter adds a unique thread to the tapestry of adjuvants autoimmune responses and their interactions Sample topics covered in Autoimmune Disorders include Food additives and dental implants as a trigger of autoimmunity and increased risk of ASIA syndrome as a result of the chemical and social factors Sustained immune activation in ASIA syndrome as a bridge to lymphomagenesis and how immune checkpoints metals and bisphenol connect to autoimmunity Postural Orthostatic Tachycardia syndrome POTS Sick Building syndrome and Gulf War syndrome GWS as parts of ASIA syndrome Sarcoidosis and Sj gren s syndrome as a proof of concept of hyperstimulation syndrome Autoimmune Disorders is an essential reference on the subject for academics specialized postgraduate students and practicing professionals seeking to improve integrated research strategies and foster a deeper understanding of the complex relationship between immunology public health and individual well being

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