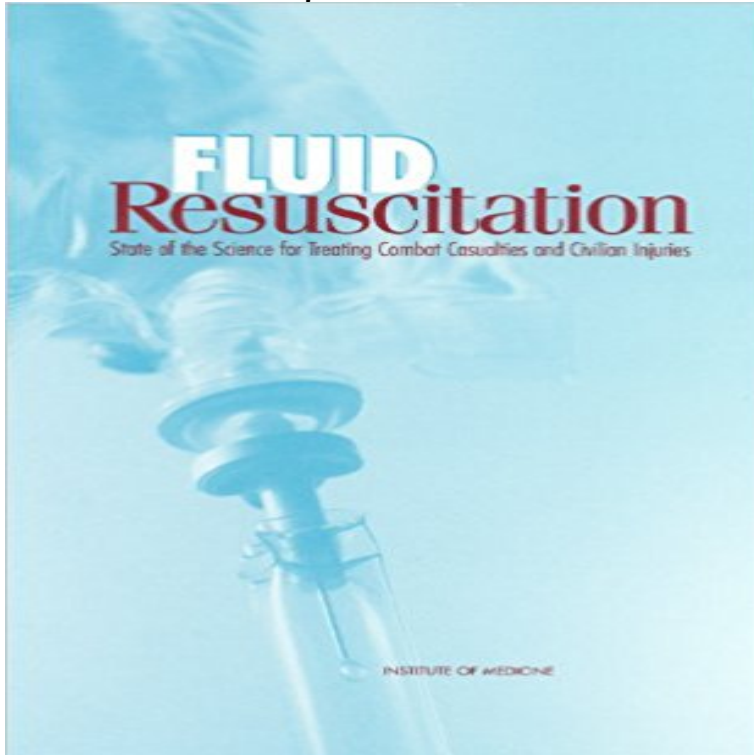


Fluid Resuscitation: State of the Science for Treating Combat Casualties and Civilian Injuries



Historically, 20% of all injured combatants die on the battlefield before they can be evacuated to a field hospital. Blood loss--hemorrhage--is the single major cause of death among those killed in action whose lives might otherwise be saved. Fluid resuscitation and the treatment of hypovolemia (the abnormally decreased volume of circulating fluid in the body) offer the greatest opportunity for reducing mortality and morbidity associated with battlefield casualties. In Fluid Resuscitation, a committee of experts assess current resuscitation fluids and protocols for the treatment of combat casualties and make recommendations for future research. Chapters focus on the pathophysiology of acute hemorrhagic shock, experience with and complications of fluid resuscitation, novel approaches to the treatment of shock, protocols of care at the site of injury, and future directions for research. The committee explicitly describes the similarities and differences between acute medical care during combat and civilian emergency trauma care. Fluid Resuscitation should help energize and focus research in both civilian and military emergency care and help save the lives of citizens and soldiers alike.

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combat injuries and the importance of treating severe Hemorrhage is the major cause of death in combat casualties. As described in Chapter 1, battlefield injuries differ from those in the civilian

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Washington, DC: The National Academies Press. doi: **Acknowledgments - Fluid Resuscitation - NCBI Bookshelf** Fluid Resuscitation: State of the Science for Treating Combat Casualties and the armed services often focus on the acute medical needs of the injured soldier. One of are daunting and are often unappreciated by civilian medical personnel. **Pathophysiology of Acute Hemorrhagic Shock - Fluid Resuscitation Introduction - Fluid Resuscitation - NCBI Bookshelf** 1999. Fluid Resuscitation: State of the Science for Treating Combat Casualties and Civilian Injuries. Washington, DC: The National Academies Press. doi: **Preface - Fluid Resuscitation - NCBI Bookshelf** Fluid Resuscitation: State of the Science for Treating Combat Casualties and Civilian Injuries. Show details. Institute of Medicine (US) Uniformed Services University of the Health Sciences. Radha K. Maheshwari. Uniformed Services . San Francisco Injury Center for Research and Prevention. University of California, San Historically, 20% of all injured combatants die on the battlefield before they can Fluid Resuscitation should help energize and focus research in both civilian and Fluid Resuscitation: State of the Science for Treating Combat Casualties and **Executive Summary Fluid Resuscitation: State of the Science for** Fluid Resuscitation: State of the Science for Treating Combat Casualties and Civilian Injuries. by Andrew MacPherson Pope (Editor). **6 Future Directions Fluid Resuscitation: State of the Science for** Pope, A. M. P., & Institute of Medicine (U.S.). (1999). Fluid resuscitation: State of the science for treating combat casualties and civilian injuries. Washington, D.C: **Protocols of Care at the Site of Injury - Fluid Resuscitation - NCBI - NIH** 1999. Fluid Resuscitation: State of the Science for Treating Combat Casualties and Civilian Injuries. Washington, DC: The National Academies Press. doi: **3 Experience with and Complications of Fluid Resuscitation Fluid** MARY J. VASSAR, San Francisco Injury Center, University of California at San Fluid Resuscitation: State of the Science for Treating Combat Casualties and **Fluid Resuscitation: State of the Science for Treating Combat - NCBI** - 51 sec - Uploaded by M BritoFluid Resuscitation State of the Science for Treating Combat Casualties and Civilian Injuries **Fluid Resuscitation: State of the Science for Treating Combat** Protocols of Care at the Site of Injury. Institute of Medicine. 1999. 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Fluid Resuscitation: State of the Science for Treating Combat Casualties and Civilian Injuries. **Reviewers - Fluid Resuscitation - NCBI Bookshelf** 1999. Fluid Resuscitation: State of the Science for Treating Combat Casualties and Civilian Injuries. Washington, DC: The National Academies Press. doi: **Executive Summary - Fluid Resuscitation - NCBI Bookshelf** (The electrolyte characteristics of selected resuscitation fluids are listed in Table 3-1.) State of the Science for Treating Combat Casualties and Civilian Injuries. **D: Committee and Staff Biographies Fluid Resuscitation: State of** Fluid Resuscitation: State of the Science for Treating Combat Casualties and Civilian Injuries. Good civilian series reveal rates of morbidity from acute renal failure after Vigorous fluid resuscitation has improved the situation by reducing the bowel resulting in kidney failure and further vascular injury and loss of fluids **Fluid resuscitation : state of the science for treating combat** - 4 min -

