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## STUDIES

HEALTH EFFECTS OF EMBEDDED FRAGMENTS: THE HUMAN EXPERIENCEU.S. DEPARTMENT OF DEFENSE POLICY ON EMBEDDED FRAGMENTS ; LONG-TERM FOLLOW-UP OF INDIVIDUALS WITH EMBEDDED FRAGMENTS IN THE DEPARTMENT OF VETERANS AFFAIRS MEDICAL SYSTEM ; SAMPLE ANALYSIS; CONCLUSIONS; DISCLAIMER; REFERENCES; CHAPTER 5: Mantram Repetition; ABSTRACT; INTRODUCTION; WHAT IS MANTRAM REPETITION?; THE MANTRAM PROGRAM; IMPLEMENTATION AND DISSEMINATION OF THE MANTRAM PROGRAM; THEORETICAL LITERATURE; EVIDENCE-BASED MANTRAM RESEARCH; DIRECT NURSING CARE: USES FOR MANTRAM REPETITION EVIDENCE-BASED RESEARCH NEEDED WITH MILITARY PERSONNEL AND VETERANS CONCLUSIONS; ACKNOWLEDGMENTS; DISCLAIMER; NOTE; REFERENCES; CHAPTER 6: Impact of Deployment on Military Families; ABSTRACT; LITERATURE METHODOLOGY; MILITARY CULTURE AND CHALLENGES; MILITARY FAMILY RESEARCH; IMPLICATIONS FOR NURSING; RECOMMENDATIONS FOR FUTURE RESEARCH; CONCLUSION; REFERENCES; CHAPTER 7: Investigations on the Relationship Between the Autonomic Nervous System and the Triggering of Malignant Hyperthermia; ABSTRACT; INTRODUCTION; MALIGNANT HYPERHERMIA AND THE AUTONOMIC NERVOUS SYSTEM; THE PORCINE MODEL HUMAN STUDIES/CASE REPORTS NEW INITIATIVES: BRING THE SCIENCE FORWARD; SUMMARY; ACKNOWLEDGMENTS; DISCLAIMER; REFERENCES; CHAPTER 8: Family Caregivers of Veterans ; ABSTRACT; INTRODUCTION; FAMILY CAREGIVERS OF OEF/OIF VETERANS; FAMILY CAREGIVERS OF VETERAN WITH STROKE; SUMMARY; DISCLAIMER; REFERENCES; CHAPTER 9: Prehospital Tourniquets; ABSTRACT; INTRODUCTION; GENERAL HISTORY OF TOURNIQUETS; MILITARY HISTORY OF TOURNIQUETS; TOURNIQUET APPLICATION; RELEASING THE TOURNIQUET; POTENTIAL COMPLICATIONS FROM TOURNIQUETS; CONCLUSIONS; RECOMMENDATIONS; DISCLAIMER; REFERENCES; Index

### Sommario/riassunto

Presenting a state-of-the-art annual review of the most significant military innovations in health care research, this new volume focuses primarily on health care innovations that have been developed in response to injuries sustained during the conflict in Iraq and the nearby region. It addresses physical injuries such as burns, pain management, and transplants as well as Post Traumatic Stress Syndrome and moral injury. Topics include clinical knowledge development, moral injury, battlefield resuscitation, battlefield transport, Ethical decision-making, PTSD and sequelae of war, military famil