

COMPARATIVE ANALYSIS OF MILITARY AID KIT

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Introduction. It is known that the first aid to the injured during the first half an hour after being wounded, even in case of postponing first medical aid within the day, it reduces the likelihood of death in 3 times. So every soldier of the Armed Forces of Ukraine must be provided an individual aid kit. However, today in Ukraine there is another problem: the absence of regulations act of its content. Moreover today individual aid kit (AI-2) (still the same Soviet orange chest) is outdated. As for economic questions the cost of real functional medicine aid kit can rate, according to data of charities that provide Ukrainians with first aid kits, about 100-150 US dollars. The **aim** of this study was to comparative analysis of national and foreign military aid kit. **Materials and methods.** To conduct a comparative analysis foreign and native literature and aid kit of national and foreign production were used.

Results and discussion First aid kit - **set of medical supplies**, dressing materials, tools and equipments for first aid. The content of first aid kit depends on the preconditions of care, the nature of diseases, injuries and amount of people who may need help. The classification of first aid kits in Ukraine: 1. Car first-aid kit: a) Car first-aid kit -1 AMA-1 (up to 9 passengers); b) Car first-aid kit -2 AMA-2 (more than 9 passengers); c) Vehicle kit «Eurostandard». 2. Military first aid kit. 3. Industrial and workplace first aid kit: a) Industrial first aid kit (standard); b) Workplace first aid kit (mobile); c) Workplace first aid kit type K (3-5 people); d) First aid kit office type C (5-10). 4. Universal kits. 5. Home first aid kit: a) Home; b) For babies; c) Personal protection kits. 6. Universal kits

Due to the unstable situation in the world, giving first aid to the wounded soldiers is actual problem. Military First aid kit (AB) - means for providing first aid to the group of soldiers in the mode of mutual aid to crews **of combat vehicles and crawler machinery**. Designed to help the 3-4 wounded and burned. Availability of comfortable and functional first-aid kit is important prerequisite. Order of the State Service of Ukraine on drugs on August 19, 2014 № 1087 registered 4 kinds of military medical kits:- First aid kit medical military individual; - First aid kit medical for military special purposes units; - First aid kit medical military universal; - First aid kit medical military general purpose. We have analyzed the content of the military medical aid kit individual (AMVI) native and foreign production. The supply of national production AVI include: dressing packs sterile medical first aid on one pad (GOST 1179) or pack dressing medical first aid (TU U 24.4- 00306756-011) - 2 units; Hemostatic harnesses (TU U 21.2-24736125-003) - 1 unit;. "Nalbuphine-Farmeks"

injection 10 mg / ml to 2 ml in prefilled syringes №1, №5 or "Nalbuphine" injection, 10 mg / ml and 1 ml, or "Butorphanol Tartrate" solution "Injection 0.2% - 1 unit; Medical latex gloves, sterile examination "IGAR" or surgical gloves Medical latex "Snow White" - 1 unit;. means hemostatic medical sterile (haemostatics) case or carton bag, or Thermo - 1 units. AMVI foreign production is created and adopted in 2005 by the US Army (and later NATO troops) individual medical kit in form of backpack for a soldier (8 kg) with all the necessary tools and medications to provide first aid, Improved First Aid Kit (IFAK). Conducted as part of the development of new military medical research kits, as well as combat experience showed that the main reasons for death of the wounded soldiers before the arrival of skilled care is excessive blood loss and occlusion of the airway. This determined the complete set of advanced kits IFAC. In accordance with the tasks that must be solved in giving first aid in combat, modern military first aid kit should include (in accordance with Rule C-A-B-C): **C. Hemostatic:** 1) Harness to stop arterial bleeding C.A.T. - Combat Application Tourniquet. 2) Bandage for First Aid with an applicator for the wound pressure - The First Care Bandage Israeli production. 3) Hemostatic agent based on chitosan - Celox, ChitoSam in the form of pellets or in the form of the more modern hemostatic bandage (combat gauze) - Combat Gauze, QuikClot, H & H Compressed Gauze PriMed etc. **A. Means airway** 4) Nasopharyngeal (nasopharyngeal) duct (The Pro-Breathe, Kendall Argyle, etc.) - Is an important and effective way to restore the airway in case of tongue retraction. **B. Means against respiratory disorders:** 5) Occlusal Asherman chest patch -Asherman Chest Seal, Halo (or other). 6) Set for decompression - Decompression Kit. (Special catheter needle decompression of the chest - ARS (Air Release System)).7) Special mask with valve for artificial respiration by the "mouth-to-mouth" - CPR Face Shield (or other). **C. Means for stopping Slight bleeding, maintaining circulation, anti-shock and other means:** 8) Normal sterile bandages, wipes and / or dressing packets; 9) Termoblankets HRS or Blizzard Survival Blanket; 10) An intravenous catheter G18 (green); 11) Triangular scarf; 12) Plaster bactericidal; 13) The patch spool; 14) Scissors; 15) Rubber gloves; 16) Antiseptic (chlorhexidine or others.); 17) Safety pins; 18) Indelible the marker; 19) Medications (- nonnarcotic Analgesics (paracetamol, diclofenac, ibuprofen, or others);- antibiotics (cephalexin, norfloxacin or amoxicillin, or the like.); - other drugs - sedatives, antidiarrheals, eye drops, granules for water treatment, cough, etc. are not the components of IFAK kit, but may be available in view of practical convenience, and preferably in a separate package. **Conclusion.** As a result, by comparing AMVI national and foreign production it was found that they differ in content greatly. This is due to the fact that today in Ukraine, unfortunately there are no standards and requirements for AMVI for giving first self-help and mutual aid. However, experts of Ministry of Health and the Ministry of Defense of Ukraine are planning to develop these standards.