The emergence of modern equipment, new technologies for pre-hospital level, high rate of scientific and technological progress in medicine have changed the requirements for the professional level of emergency medical services crews and paramedics. Very topical is the problem of increase of practical skills in providing emergency care. Particular attention is paid algorithms of cardio-pulmonary resuscitation, assessment and initial management of the trauma and combat trauma, initial airway management, multicasualty incidents and triage and other emergency situations.

Unfortunately, the "classic" form of education (lectures, seminars, discussion of the situation) do not form a completely stable algorithm of actions. This leads to the fact that the emergency physician at the critical situation can not quickly and efficiently provide emergency medical care.

Simulation training for emergency medical services crews, where specially trained in artificially created imitated setting is most appropriate. The main quality simulation training – the use of dummies for completeness and realistic modeling of objects in a given situation; testing of specific practical skills using modern equipment without causing harm to human health; practicing team work in a particular situation.

We use the different forms of simulation training of emergency medical services crews, paramedics, military.

Emergency medical services crews of simulation training proved very effective when was training algorithm CPR and algorithm multicasualty incidents and triage.

Coeducation. This form of simulation training is used in coordination of different services and proved very effective during the training of skills in mass casualty incidents.

Workshops training proved very effective when was training acute pain management through regional anesthesia, initial management of the trauma and combat trauma, initial airway management, control of bleeding management.

Championship. It consisted of contests: "Death on the playground" (CPR), "Dangerous route" (granting EMD with multiple trauma), "The case of the water" (EMC with drowning), "mass casualty incidents" (a medical triage). After the championship was held system analysis and conclusions.

Thus, simulation learning with modern mannequins and equipments able to quickly improve the practical training of emergency physician or paramedics. Simulation forms of education are able to detect and remove various organizational problems at emergency care. It is necessary actively implement different forms of simulation training at postgraduate education.