

## Medical care in the case of epidemiological threat



### MEDICAL CARE IN THE CASE OF EPIDEMIOLOGICAL THREAT

Medical care in the case of epidemiological threat With the threat of a pandemic, health facilities must use a communication systems to react swiftly in a short time sifting through large amounts of information and creating a plan of action for the medical staff.

To help the timely planning emergency response, College of Technology in Atlanta has created software on the base of communication systems. The program processes the biological information about the disease, demographics of the region and in live time gathering information from the Internet and media.

Eva Lee, research director of the medical center at the University of Technology, reported on the progress of the program at the 2014 AAAS annual summit in Chicago. She explained that the program tracks the activity of the medical staff and demographic flows in the territory, identifying the priority areas.

Eva Lee shared her experience on the part of the liquidation of a flu epidemic in 2009, the effects of the earthquake in Haiti in 2010 and the Fukushima accident in 2011, and one planning emergency response at the outbreak of the plague.

An effective response to the outbreak, it is important to know the clinical manifestations, the number of critically ill patients infected children and pregnant women. The functions of the software allows, for example, to calculate the amount of the vaccine for the region. You can create web pages describing tactics for the sick, but not hospitalized people.

The company WestMedGroup offers a wide range of first aid bags, immobilizers and equipment for chemical and biological protection for emergency stations, including areas with dangerous epidemiological situation, from manufacturers Weinmann, Spencer, Ego Zlin, communication system Codaco. We supply medical tent for the deployment of field hospitals and transport boxes for infected patients.