

112TH CONGRESS
1ST SESSION

H. R. 403

To amend title 10, United States Code, to require the Secretary of Defense to use only human-based methods for training members of the Armed Forces in the treatment of severe combat and chemical and biological injuries.

IN THE HOUSE OF REPRESENTATIVES

JANUARY 24, 2011

Mr. FILNER introduced the following bill; which was referred to the
Committee on Armed Services

A BILL

To amend title 10, United States Code, to require the Secretary of Defense to use only human-based methods for training members of the Armed Forces in the treatment of severe combat and chemical and biological injuries.

1 *Be it enacted by the Senate and House of Representa-*
2 *tives of the United States of America in Congress assembled,*

3 **SECTION 1. SHORT TITLE.**

4 This Act may be cited as the “Battlefield Excellence
5 through Superior Training Practices Act” or “BEST
6 Practices Act”.

7 **SEC. 2. FINDINGS.**

8 Congress finds the following:

1 (1) The Department of Defense has made im-
2 pressive strides in the development and use of meth-
3 ods of medical training and protection of members
4 of the Armed Forces, such as the use of tourniquets
5 and improvements in body armor, that have likely
6 led to decreased battlefield fatalities.

7 (2) The Department of Defense uses live mon-
8 keys to train medical personnel to treat casualties of
9 chemical and biological agent attacks and uses live
10 goats and pigs to teach physicians, medics, corps-
11 men, and other personnel methods to respond to se-
12 vere battlefield injuries.

13 (3) The civilian sector has almost exclusively
14 phased-in the use of superior human-based training
15 methods for numerous medical procedures currently
16 taught in military courses with the use of animals.

17 (4) Human-based methods have been developed
18 and validated for training responses to common bat-
19 tlefield injuries and chemical and biological agent at-
20 tacks.

21 (5) Management of hemorrhage, sucking chest
22 wounds, airway compromise, and many other combat
23 trauma injuries can be taught using numerous med-
24 ical simulators and partial task trainers.

1 (6) Entirely human-based curricula (consisting
 2 of medical simulation and moulage training sessions)
 3 for the management of patients exposed to biological
 4 and chemical agents are widespread in civilian hos-
 5 pitals.

6 **SEC. 3. REQUIREMENT TO USE HUMAN-BASED METHODS**
 7 **FOR CERTAIN MEDICAL TRAINING.**

8 (a) IN GENERAL.—Chapter 101 of title 10, United
 9 States Code, is amended by adding at the end the fol-
 10 lowing new section:

11 **“§ 2017. Requirement to use human-based methods**
 12 **for certain medical training**

13 “(a) COMBAT TRAUMA INJURIES.—Not later than
 14 October 1, 2014, the Secretary of Defense—

15 “(1) shall only use human-based training meth-
 16 ods for the purpose of training members of the
 17 Armed Forces in the treatment of combat trauma
 18 injuries; and

19 “(2) may not use animals for such purpose.

20 “(b) CHEMICAL AND BIOLOGICAL CASUALTY MAN-
 21 AGEMENT.—The Secretary—

22 “(1) shall only use human-based training meth-
 23 ods for the purpose of training members of the
 24 Armed Forces in the management of chemical and
 25 biological casualties; and

1 “(2) may not use animals for such purpose.

2 “(c) DEFINITIONS.—In this section:

3 “(1) The term ‘combat trauma injuries’ means
4 severe injuries likely to occur during combat, includ-
5 ing—

6 “(A) hemorrhage related to a wound to the
7 extremities;

8 “(B) sucking-chest wounds;

9 “(C) compromises to the airway; and

10 “(D) other injuries.

11 “(2) The term ‘human-based training methods’
12 means, with respect to training individuals in med-
13 ical treatment, the use of systems and devices that
14 do not use animals, including—

15 “(A) simulators;

16 “(B) partial task trainers;

17 “(C) moulage;

18 “(D) simulated combat environments;

19 “(E) human cadavers; and

20 “(F) rotations in civilian and military trau-
21 ma centers.

22 “(3) The term ‘partial task trainers’ means
23 training aids that allow individuals to learn or prac-
24 tice specific medical procedures.”.

1 (b) CLERICAL AMENDMENT.—The table of sections
2 at the beginning of chapter 101 of title 10, United States
3 Code, is amended by adding at the end the following new
4 item:

“2017. Requirement to use human-based methods for certain medical training.”.

