

**SUBSTITUTE OFFERED BY MR. WENSTRUP OF
OHIO
FOR THE AMENDMENT OFFERED BY MS. SPEIER
OF CALIFORNIA**

Add at the appropriate place in title VII the following new section:

1 **SEC. 7. MEDICAL SIMULATION TECHNOLOGY AND LIVE**
2 **TISSUE TRAINING WITHIN THE DEPARTMENT**
3 **OF DEFENSE.**

4 (a) IN GENERAL.—

5 (1) USE OF SIMULATION TECHNOLOGY.—Ex-
6 cept as provided by paragraph (2), the Secretary of
7 Defense shall use medical simulation technology be-
8 fore the use of live tissue training to train medical
9 professionals and combat medics of the Department
10 of Defense.

11 (2) DETERMINATION.— The use of live tissue
12 training within the Department of Defense may be
13 used as determined necessary by the medical chain
14 of command.

15 (b) BRIEFING.—Not later than 180 days after the
16 date of the enactment of this Act, the Secretary of De-
17 fense, in consultation with the Chairman of the Joint

1 Chiefs of Staff and the Secretaries of the military depart-
2 ments, shall provide a briefing to the Committees on
3 Armed Services of the House of Representatives and the
4 Senate on the use and benefit of medical simulation tech-
5 nology and live tissue training within the Department of
6 Defense to train medical professionals, combat medics,
7 and members of the Special Operations Forces.

8 (c) ELEMENTS.—The briefing under subsection (b)
9 shall include the following:

10 (1) A discussion of the benefits and needs of
11 both medical simulation technology and live tissue
12 training.

13 (2) Ways and means to enhance and advance
14 the use of simulation technologies in training.

15 (3) An assessment of current medical simula-
16 tion technology requirements, gaps, and limitations.

17 (4) An overview of Department of Defense med-
18 ical training programs, as of the date of the briefing,
19 that use live tissue training and medical simulation
20 technologies.

21 (5) Any other matters the Secretary determines
22 appropriate.

Amend the funding tables in division D as follows:

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FY 2019 Mark Up Amendment to H.R. 5515
Offered by Dr. Wenstrup of Ohio

In section 4201 of Division D, Relating to Research Development, Test and Evaluation, Navy line 778, PE 0603925N, decrease the amount by \$50,000,000 for Surface Navy Laser Weapons System

In section 4501 of Division D, relating to Research, Development, Test and Evaluation, Defense Health Program line 90, PE 0602115, increase the amount by \$5,000,000 for applied research of simulators and other technologies to reduce the use of live animal tissue for medical training.

In section 4501 of Division D, relating to Research, Development Test and Evaluation, Defense Health Program line 100, PE 0603115, increase the amount by \$5,000,000 for advanced technology development of simulators and other technologies to reduce the use of live animal tissue for medical training.

In section 4501 of Division D, related to Research, Development, Test, and Evaluation, Defense Health Program, Line 110, PE 0604110, increase the amount of \$5,000,000 for advanced component development and prototypes of simulators and other technologies to reduce the use of live animal tissue for medical training.

IN section 4501 of division D, relating to Research, development, test, and evaluation, defense health program, line 120, PE 0605145, increase the amount by \$5,000,000 for system development and demonstration of simulators and other technologies to reduce the use of live animal tissue for medical training.

In Sections 4301 of Division D, relating to Operation and Maintenance, Army, increase the amount by \$10,000,000 for sustainment of simulators and other technologies and other methods and means that reduce the use of live animal tissue for medical training

In section 4101 of Division D, relating to other procurement, Army, BA3, increase the amount of \$20,000,000 for acquisition of simulators and other technologies, or other methods and means, to reduce the use of live animal tissue for medical training.