

115TH CONGRESS
1ST SESSION

H. R. 3880

To amend the Public Health Service Act to authorize and support the creation and dissemination of cardiomyopathy education, awareness, and risk assessment materials and resources to identify more at-risk families, to authorize research and surveillance activities relating to cardiomyopathy, and for other purposes.

IN THE HOUSE OF REPRESENTATIVES

SEPTEMBER 28, 2017

Mr. PALLONE introduced the following bill; which was referred to the
Committee on Energy and Commerce

A BILL

To amend the Public Health Service Act to authorize and support the creation and dissemination of cardiomyopathy education, awareness, and risk assessment materials and resources to identify more at-risk families, to authorize research and surveillance activities relating to cardiomyopathy, and for other purposes.

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 “Cardiomyopathy
5 Health Education, Awareness, Research, and Training in
6 the Schools Act of 2017” or the “HEARTS Act of 2017”.

1 **SEC. 2. MATERIALS AND RESOURCES TO INCREASE EDU-**
2 **CATION AND AWARENESS OF CARDIOMYOPA-**
3 **THY AMONG SCHOOL ADMINISTRATORS, EDU-**
4 **CATORS, AND FAMILIES.**

5 Part P of title III of the Public Health Service Act
6 (42 U.S.C. 280g et seq.) is amended by adding at the end
7 the following new section:

8 **“SEC. 399V–7. MATERIALS AND RESOURCES TO INCREASE**
9 **EDUCATION AND AWARENESS OF CARDIO-**
10 **MYOPATHY AMONG SCHOOL ADMINISTRA-**
11 **TORS, EDUCATORS, AND FAMILIES.**

12 “(a) MATERIALS AND RESOURCES.—Not later than
13 18 months after the date of the enactment of this section,
14 the Secretary, in conjunction with the Director of the Cen-
15 ters for Disease Control and Prevention (in this section
16 referred to as the ‘Director’) shall develop public education
17 materials and resources to be disseminated to school ad-
18 ministrators, educators, school health professionals, coach-
19 es, families, guardians, caregivers, and other appropriate
20 individuals. The materials and resources shall include—

21 “(1) background information to increase edu-
22 cation and awareness of cardiomyopathy among
23 school administrators, educators, and families;

24 “(2) guidelines regarding the placement of
25 automated external defibrillators in schools, early

1 childhood education programs, and child care cen-
2 ters;

3 “(3) training information on automated exter-
4 nal defibrillators and cardiopulmonary resuscitation;
5 and

6 “(4) recommendations for how schools, early
7 childhood education programs, and child care centers
8 can develop and implement a cardiac emergency re-
9 sponse plan.

10 “(b) DISSEMINATION OF MATERIALS AND RE-
11 SOURCES.—Not later than 30 months after the date of
12 the enactment of this section, the Secretary, through the
13 Director, shall disseminate the materials and resources de-
14 veloped under subsection (a) in accordance with the fol-
15 lowing:

16 “(1) DISTRIBUTION BY STATE EDUCATIONAL
17 AGENCIES.—The Secretary shall make available such
18 materials and resources to State educational agen-
19 cies to distribute—

20 “(A) to school administrators, educators,
21 school health professionals, coaches, families,
22 guardians, caregivers, and other appropriate in-
23 dividuals, the cardiomyopathy education and
24 awareness materials and resources developed
25 under subsection (a)(1);

“(B) to parents, guardians, or other caregivers, the risk assessment for individuals with or at risk for cardiomyopathy developed pursuant to section 399V–8(b)(1); and

“(C) to school administrators, educators, school health professionals, and coaches—

“(i) the guidelines described in subsection (a)(2);

“(ii) the training information described in subsection (a)(3); and

“(iii) the recommendations described in subsection (a)(4).

“(2) DISSEMINATION TO HEALTH DEPARTMENTS AND PROFESSIONALS.—The Secretary shall make available the materials and resources developed under subsection (a) to State and local health departments, pediatricians, hospitals, and other health professionals, such as nurses and first responders.

“(3) POSTING ON WEBSITE.—

“(A) CDC.—

“(i) IN GENERAL.—The Secretary, through the Director, shall post the materials and resources developed under subsection (a) on the public Internet website

1 of the Centers for Disease Control and
2 Prevention.

3 “(ii) ADDITIONAL INFORMATION.—

4 The Director is encouraged to maintain on
5 such public Internet website such addi-
6 tional information regarding cardio-
7 myopathy as deemed appropriate by the
8 Director.

9 “(B) STATE EDUCATIONAL AGENCIES.—

10 State educational agencies are encouraged to
11 create public Internet webpages dedicated to
12 cardiomyopathy and post the materials and re-
13 sources developed under subsection (a) on such
14 webpages.

15 “(c) DEFINITIONS.—In this section:

16 “(1) The term ‘school administrator’ means a
17 principal, director, manager, or other supervisor or
18 leader within an elementary school, secondary
19 school, State-based early childhood education pro-
20 gram, or child care center.

21 “(2) The term ‘school health professional’
22 means a health professional serving at an elemen-
23 tary school, secondary school, State-based early
24 childhood education program, or child care center.

1 “(3) The terms ‘early childhood education pro-
 2 gram’, ‘elementary school’, and ‘secondary school’
 3 have the meanings given to those terms in section
 4 8101 of the Elementary and Secondary Education
 5 Act of 1965.

6 “(d) AUTHORIZATION OF APPROPRIATIONS.—For
 7 carrying out this section and section 399V–8, there is au-
 8 thorized to be appropriated \$1,000,000 for each of fiscal
 9 years 2018 through 2022.”.

10 **SEC. 3. RESEARCH AND SURVEILLANCE ACTIVITIES RELAT-**
 11 **ING TO CARDIOMYOPATHY.**

12 (a) CDC RESEARCH AND SURVEILLANCE.—Part P
 13 of title III of the Public Health Service Act (42 U.S.C.
 14 280g et seq.), as amended by section 2, is further amended
 15 by adding at the end the following new section:

16 **“SEC. 399V–8. RESEARCH AND SURVEILLANCE ACTIVITIES**
 17 **RELATING TO CARDIOMYOPATHY.**

18 “(a) REPORTS ON CDC NATIONAL CARDIO-
 19 MYOPATHY SURVEILLANCE RESEARCH ACTIVITIES.—

20 “(1) INITIAL REPORT.—Not later than January
 21 1, 2020, the Secretary, acting through the Director
 22 of the Centers for Disease Control and Prevention,
 23 shall submit to Congress an initial report on find-
 24 ings and data generated from surveillance and re-
 25 search activities conducted by the Centers for Dis-

1 ease Control and Prevention to improve the under-
2 standing of the prevalence and epidemiology of car-
3 diomyopathy across the lifespan, from birth to adult-
4 hood, with particular interest in the following:

5 “(A) The health care costs, utilization, and
6 natural history of individuals with cardio-
7 myopathy, in both the pediatric and adult popu-
8 lation.

9 “(B) The number of adults and children
10 affected by cardiomyopathy, as well as age-spe-
11 cific mortality.

12 “(2) FINAL REPORT.—Not later than January
13 1, 2025, the Secretary, acting through the Director
14 of the Centers for Disease Control and Prevention,
15 shall submit to Congress a final report on the con-
16 tent described in paragraph (1).

17 “(3) PUBLIC ACCESS.—Subject to paragraph
18 (4), the reports submitted under this subsection
19 shall be made available to the public.

20 “(4) PATIENT PRIVACY.—The Secretary shall
21 ensure that this subsection is carried out in a man-
22 ner that complies with the requirements applicable
23 to a covered entity under the regulations promul-
24 gated pursuant to section 264(c) of the Health In-
25 surance Portability and Accountability Act of 1996.

1 “(b) IMPROVING RISK ASSESSMENTS FOR INDIVID-
2 UALS WITH CARDIOMYOPATHY.—

3 “(1) IN GENERAL.—The Secretary, acting
4 through the Director of the Centers for Disease
5 Control and Prevention, shall develop and make pub-
6 licly available a risk assessment for individuals with
7 or at risk for cardiomyopathy. Such risk assessment
8 shall, at a minimum, include the following:

9 “(A) Background information of the preva-
10 lence, incidence, and health impact of cardiomy-
11 opathy, including all forms of cardiomyopathy
12 and their effects on pediatric, adolescent, and
13 adult individuals.

14 “(B) A worksheet with variables and con-
15 ditions for an individual or health care provider
16 to use in assessing whether the individual is at
17 risk for cardiomyopathy.

18 “(C) A worksheet with variables and
19 stages of progression for an individual or health
20 care provider to use in assessing whether and to
21 what extent cardiomyopathy has progressed in
22 the individual.

23 “(D) Guidelines on cardiomyopathy
24 screenings for individuals who are at risk for,
25 or have a family history of, cardiomyopathy.

1 “(2) STAKEHOLDER INPUT.—In carrying out
2 paragraph (1), the Director of the Centers for Dis-
3 ease Control and Prevention shall seek input from
4 external stakeholders including—

5 “(A) representatives from national patient
6 advocacy organizations expert in all forms of
7 cardiomyopathy;

8 “(B) representatives from medical profes-
9 sional societies that specialize in the care of
10 adults and pediatrics with cardiomyopathy; and

11 “(C) representatives from other relevant
12 Federal agencies.

13 “(c) CARDIOMYOPATHY DEFINED.—For purposes of
14 this section, the term ‘cardiomyopathy’ means a heart dis-
15 ease that affects the heart’s muscle (myocardium)—

16 “(1) the symptoms of which may vary from
17 case to case, including—

18 “(A) cases in which no symptoms are
19 present (asymptomatic); and

20 “(B) cases in which there are symptoms of
21 a progressive condition that may result from an
22 impaired ability of the heart to pump blood,
23 such as fatigue, irregular heartbeats (arrhyth-
24 mia), heart failure, and, potentially, sudden car-
25 diac death; and

1 “(2) the recognized types of which include di-
2 lated, hypertrophic, restrictive, arrhythmogenic right
3 ventricular dysplasia, and left ventricular non-com-
4 paction.”.

5 (b) NIH RESEARCH.—Part A of title IV of the Public
6 Health Service Act (42 U.S.C. 281 et seq.) is amended
7 by inserting after section 404E the following new section:

8 **“SEC. 404F. CARDIOMYOPATHY RESEARCH.**

9 “(a) IN GENERAL.—The Director of NIH may ex-
10 pand, intensify, and coordinate research and related activi-
11 ties of the National Institutes of Health with respect to
12 cardiomyopathy, which may include research with respect
13 to—

14 “(1) causation of cardiomyopathy, including ge-
15 netic causes and molecular biomarkers;

16 “(2) long-term health outcomes in individuals
17 with cardiomyopathy, including infants, children,
18 teenagers, adults, and elderly individuals; and

19 “(3) studies using longitudinal data and retro-
20 spective analysis to identify effective treatments and
21 outcomes for individuals with cardiomyopathy.

22 “(b) CARDIOMYOPATHY DEFINED.—For purposes of
23 this section, the term ‘cardiomyopathy’ means a heart dis-
24 ease that affects the heart’s muscle (myocardium)—

1 “(1) the symptoms of which may vary from
2 case to case, including—

3 “(A) cases in which no symptoms are
4 present (asymptomatic); and

5 “(B) cases in which there are symptoms of
6 a progressive condition that may result from an
7 impaired ability of the heart to pump blood,
8 such as fatigue, irregular heartbeats (arrhyth-
9 mia), heart failure, and, potentially, sudden car-
10 diac death; and

11 “(2) the recognized types of which include di-
12 lated, hypertrophic, restrictive, arrhythmogenic right
13 ventricular dysplasia, and left ventricular non-com-
14 paction.”.

15 (c) NIH REPORT.—Not later than 18 months after
16 the date of the enactment of this Act, the Director of the
17 National Institutes of Health shall submit to Congress a
18 report—

19 (1) outlining the ongoing research efforts of the
20 National Institutes of Health regarding cardio-
21 myopathy; and

22 (2) identifying—

23 (A) a research agenda regarding adult
24 forms of cardiomyopathy;

- 1 (B) plans for researching cardiomyopathy
- 2 affecting the pediatric population; and
- 3 (C) the areas of greatest need for such re-
- 4 search.

