

SENATE No. 1228

The Commonwealth of Massachusetts

PRESENTED BY:

Cynthia Stone Creem

To the Honorable Senate and House of Representatives of the Commonwealth of Massachusetts in General Court assembled:

The undersigned legislators and/or citizens respectfully petition for the adoption of the accompanying bill:

An Act to create a CT task force.

PETITION OF:

| NAME: | DISTRICT/ADDRESS: | |
|----------------------------|------------------------------------|-----------------|
| <i>Cynthia Stone Creem</i> | <i>First Middlesex and Norfolk</i> | |
| <i>Michael D. Brady</i> | <i>Second Plymouth and Bristol</i> | <i>2/1/2019</i> |

SENATE No. 1228

By Ms. Creem, a petition (accompanied by bill, Senate, No. 1228) of Cynthia Stone Creem and Michael D. Brady for legislation to create a CT task force. Public Health.

[SIMILAR MATTER FILED IN PREVIOUS SESSION
SEE SENATE, NO. 1181 OF 2017-2018.]

The Commonwealth of Massachusetts

**In the One Hundred and Ninety-First General Court
(2019-2020)**

An Act to create a CT task force.

Be it enacted by the Senate and House of Representatives in General Court assembled, and by the authority of the same, as follows:

1 SECTION 1. The department of public health shall convene a task force to conduct an
2 investigation and study of computed tomography (CT). The task force shall consist of the
3 commissioner of the department of public health or a designee who shall serve as chair, the
4 director of the Massachusetts radiation control program or designee; the director of the
5 Massachusetts Radiologic Technologists Advisory Commission or a designee; and 9 persons to
6 be appointed by the governor: 3 of whom shall be radiologists licensed to practice in
7 Massachusetts, one of whom shall have at least five years of experience working at a an
8 academic medical center or teaching hospital, one of whom shall have at least five years of
9 experience working at an acute care hospital other than an academic medical center or teaching
10 hospital, and one of whom shall have at least five years of experience working with a patient
11 population of whom at least 50 percent are under the age of 18; 3 of whom shall be CT

12 technicians, one with between one and five years of experience, one with more than 10 years of
13 experience, and one with at least 3 years of experience working at a dental facility or with a
14 patient population of whom at least 50 percent are under the age of 18; 3 of whom shall be
15 representatives of companies with a principal office in the commonwealth that manufacture CT
16 equipment or produce software for CT equipment and who shall also have expertise in imaging
17 physics or CT protocol development or implementation; and one of whom shall be a
18 representative of a patient advocacy organization.

19 SECTION 2. The task force shall make recommendations on optimal CT scan dosages
20 for diagnostic procedures, including frequency and distribution of the dose, using data collected
21 by the department of public health's radiation control program, as well as other sources; provide
22 guidance to Massachusetts state and local agencies and public and private health care facilities
23 and providers on radiation dose optimization; design a mandatory education curriculum on CT
24 scan practices and radiation dose optimization for appropriate staff in Massachusetts health care
25 facilities; evaluate the certification and/or licensure requirements for medical professionals
26 whose responsibilities include CT scans, including dosimetrists, medical physicists, and
27 radiation therapists; develop a plan for maintaining an emphasis on innovation to reduce
28 radiation exposure while optimizing image quality for diagnostic procedures; and make
29 recommendations on oversight by the radiation control program or other agency or commission.
30 The task force shall review information issued by the U.S. Food and Drug Administration
31 concerning best practices for CT scans, as well as recommendations from professional medical
32 organizations and individuals and the CT manufacturing sector. Appointed members of the
33 commission shall not be considered special state employees for the purpose of compliance with
34 chapter 268A.

35 The special task force shall submit a report to the governor, the speaker of the house of
36 representatives, the senate president, and the legislative members of the joint committee on
37 public health, setting forth the task force findings, recommendations and proposals, by December
38 31, 2020. The special task force shall dissolve upon completion of its duties and obligations, as
39 indicated by submission of its findings and recommendations, unless the General Court, in
40 advance of that date, extends its term for a set period or indefinitely.