108TH CONGRESS
1ST SESSION

H. R. 663

IN THE SENATE OF THE UNITED STATES

MARCH 13, 2003

Received; read twice and referred to the Committee on Health, Education, Labor, and Pensions

AN ACT

To amend title IX of the Public Health Service Act to provide for the improvement of patient safety and to reduce the incidence of events that adversely affect patient safety, and for other purposes.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled,

SECTION 1. SHORT TITLE; TABLE OF CONTENTS.

(a) SHORT TITLE.—This Act may be cited as the ''Patient Safety and Quality Improvement Act''.

(b) TABLE OF CONTENTS.—The table of contents for this Act is as follows:

SEC. 2. FINDINGS AND PURPOSES.

(a) FINDINGS.—The Congress finds as follows:

(1) In 1999, the Institute of Medicine released a report entitled ''To Err Is Human'' that described medical errors as the 8th leading cause of death in the United States, with as many as 98,000 people dying as a result of medical errors each year.

(2) To address these deaths and injuries due to medical errors, the health care system must identify and learn from such errors so that systems of care can be improved.

(3) Myriad public and private patient safety initiatives have begun. The Quality Interagency Coordination Task Force has recommended steps to improve patient safety that may be taken by each Federal agency involved in health care and activities relating to these steps are ongoing.

(4) The Department of Health and Human Services has initiated several patient safety projects. The Joint Commission on Accreditation of Healthcare Organizations issued a patient safety standard that went into effect on July 1, 2001, and the peer review organizations are conducting ongoing studies of clinical performance measurement of care delivered to beneficiaries under the medicare program under title XVIII of the Social Security Act.

(5) Several steps can be taken now to improve patient safety. For example, according to the Centers for Disease Control and Prevention, hand washing is the single most important means of preventing the spread of infection. Repeated studies indicate that lack of or improper hand washing still contributes significantly to disease transmission in health care settings. Working with experts from the private sector, the Centers for Disease Control and Prevention has drafted ''Guidelines for Hand Hygiene in

Healthcare Settings'' setting forth recommendations to promote improved hand hygiene practices and reduce transmission of pathogenic microorganisms to patients and personnel in health care settings.

(6) According to the Centers for Disease Control and Prevention, nosocomial infections affect approximately 2 million patients annually in acute care facilities in the United States at an estimated direct patient care cost of approximately $3.5 billion each year.

(7) The Congress encourages the continuation and acceleration of private sector efforts to take immediate steps to improve patient safety and recognizes the need for action in the public sector to complement these efforts.

(8) The research on patient safety unequivocally calls for a learning environment, where providers will feel safe to report health care errors, in order to improve patient safety.

(9) Voluntary data gathering systems are more supportive than mandatory systems in creating the learning environment referred to in paragraph (8) as stated in the Institute of Medicine's report.

(10) Promising patient safety reporting systems have been established throughout the United States,

and the best ways to structure and use these systems are currently being determined, largely through projects funded by the Agency for Healthcare Research and Quality.

(11) Many organizations currently collecting patient safety information have expressed a need for protections that will allow them to review protected information so that they may collaborate in the development and implementation of patient safety improvement strategies. Currently, the State peer review protections provide inadequate conditions to allow the sharing of information to promote patient safety.

(12) In 2001, the Institute of Medicine released a report entitled ''Crossing the Quality Chasm'' that found that the United States health care system does not consistently deliver high-quality care to patients.

(b) PURPOSES.—The purposes of this Act are—

(1) to encourage a culture of safety and quality in the United States health care system by providing for a health care errors reporting system that both protects information and improves patient safety and quality of health care; and

(2) to ensure accountability by raising standards and expectations for continuous quality improvements in patient safety through the actions of the Secretary of Health and Human Services.

TITLE I—PATIENT SAFETY AND QUALITY IMPROVEMENT

SEC. 101. AMENDMENTS TO PUBLIC HEALTH SERVICE ACT.

(a) IN GENERAL.—Title IX of the Public Health Service Act (42 U.S.C. 299 et seq.) is amended—

(1) in section 912(c), by inserting ", in accordance with part C," after "The Director shall";

(2) by redesignating part C as part D;

(3) by redesignating sections 921 through 928, as sections 931 through 938, respectively;

(4) in section 938(1) (as so redesignated), by striking "921" and inserting "931"; and

(5) by inserting after part B the following:

"PART C—PATIENT SAFETY IMPROVEMENT

"SEC. 921. DEFINITIONS.

"In this part:

"(1) IDENTIFIABLE INFORMATION.—The term 'identifiable information' means information that is presented in a form and manner that allows the identification of any provider, patient, or reporter of patient safety work product. With respect to pa-

tients, such information includes any individually identifiable health information as that term is defined in the regulations promulgated pursuant to section 264(c) of the Health Insurance Portability and Accountability Act of 1996 (Public Law 104–191; 110 Stat. 2033).

''(2) NONIDENTIFIABLE INFORMATION.—The term 'nonidentifiable information' means information that is presented in a form and manner that prevents the identification of any provider, patient, or reporter of patient safety work product. With respect to patients, such information must be de-identified consistent with the regulations promulgated pursuant to section 264(c) of the Health Insurance Portability and Accountability Act of 1996 (Public Law 104–191; 110 Stat. 2033).

''(3) PATIENT SAFETY EVALUATION SYSTEM.—The term 'patient safety evaluation system' means a process that involves the collection, management, or analysis of information for submission to or by a patient safety organization.

''(4) PATIENT SAFETY ORGANIZATION.—The term 'patient safety organization' means a private or public organization or component thereof that is certified, through a process to be determined by the

Secretary under section 925, to perform each of the following activities:

"(A) The conduct, as the organization or component's primary activity, of efforts to improve patient safety and the quality of health care delivery.

"(B) The collection and analysis of patient safety work product that is submitted by providers.

"(C) The development and dissemination of evidence-based information to providers with respect to improving patient safety, such as recommendations, protocols, or information regarding best practices.

"(D) The utilization of patient safety work product to carry out activities limited to those described under this paragraph and for the purposes of encouraging a culture of safety and of providing direct feedback and assistance to providers to effectively minimize patient risk.

"(E) The maintenance of confidentiality with respect to identifiable information.

"(F) The provision of appropriate security measures with respect to patient safety work product.

''(G) The submission of nonidentifiable information to the Agency consistent with standards established by the Secretary under section 923(b) for any National Patient Safety Database.

''(5) PATIENT SAFETY WORK PRODUCT.—

''(A) The term 'patient safety work product' means any document or communication (including any information, report, record, memorandum, analysis, deliberative work, statement, or root cause analysis) that—

''(i) except as provided in subparagraph (B), is developed by a provider for the purpose of reporting to a patient safety organization, and is reported to a patient safety organization;

''(ii) is created by a patient safety organization; or

''(iii) would reveal the deliberations or analytic process of a patient safety evaluation system (as defined in paragraph (3)).

''(B)(i) Patient safety work product described in subparagraph (A)(i)—

''(I) does not include any separate information described in clause (ii); and

''(II) shall not be construed to include such separate information merely by reason of inclusion of a copy of the document or communication involved in a submission to, or the fact of submission of such a copy to, a patient safety organization.

''(ii) Separate information described in this clause is a document or communication (including a patient's medical record or any other patient or hospital record) that is developed or maintained, or exists, separately from any patient safety evaluation system.

''(C) Information available from sources other than a patient safety work product under this section may be discovered or admitted in a civil or administrative proceeding, if discoverable or admissible under applicable law.

''(6) PROVIDER.—The term 'provider' means—

''(A) an individual or entity licensed or otherwise authorized under State law to provide health care services, including—

''(i) a hospital, nursing facility, comprehensive outpatient rehabilitation facility, home health agency, and hospice program;

''(ii) a physician, physician assistant, nurse practitioner, clinical nurse specialist, certified nurse midwife, nurse anesthetist, psychologist, certified social worker, registered dietitian or nutrition professional, physical or occupational therapist, or other individual health care practitioner;

''(iii) a pharmacist; and

''(iv) a renal dialysis facility, ambulatory surgical center, pharmacy, physician or health care practitioner's office, long-term care facility, behavioral health residential treatment facility, clinical laboratory, or community health center; or

''(B) any other person or entity specified in regulations by the Secretary after public notice and comment.

''SEC. 922. PRIVILEGE FOR PATIENT SAFETY WORK PRODUCT.

''(a) PRIVILEGE.—Notwithstanding any other provision of law and subject to subsection (c), patient safety work product shall not be—

''(1) subject to a civil or administrative subpoena or order;

''(2) subject to discovery in connection with a civil or administrative proceeding;

''(3) subject to disclosure pursuant to section 552 of title 5, United States Code (commonly known as the Freedom of Information Act), or any other similar Federal or State law;

''(4) required to be admitted as evidence or otherwise disclosed in any State or Federal civil or administrative proceeding; or

''(5) if the patient safety work product is identifiable information and is received by a national accreditation organization in its capacity as a patient safety organization—

''(A) used by a national accreditation organization in an accreditation action against the provider that reported the information;

''(B) shared by such organization with its survey team; or

''(C) required as a condition of accreditation by a national accreditation association.

''(b) REPORTER PROTECTION.—

''(1) IN GENERAL.—A provider may not use against an individual in an adverse employment action described in paragraph (2) the fact that the individual in good faith reported information—

"(A) to the provider with the intention of having the information reported to a patient safety organization; or

"(B) directly to a patient safety organization.

"(2) ADVERSE EMPLOYMENT ACTION.—For purposes of this subsection, an 'adverse employment action' includes—

"(A) the failure to promote an individual or provide any other employment-related benefit for which the individual would otherwise be eligible;

"(B) an adverse evaluation or decision made in relation to accreditation, certification, credentialing, or licensing of the individual; and

"(C) a personnel action that is adverse to the individual concerned.

"(3) REMEDIES.—Any provider that violates this subsection shall be subject to a civil monetary penalty of not more than $20,000 for each such violation involved. Such penalty shall be imposed and collected in the same manner as civil money penalties under subsection (a) of section 1128A of the Social Security Act are imposed and collected.

''(c) DISCLOSURES.—Nothing in this section prohibits any of the following disclosures:

''(1) Voluntary disclosure of nonidentifiable information.

''(2) Voluntary disclosure of identifiable information by a provider or patient safety organization, if such disclosure—

''(A) is authorized by the provider for the purposes of improving quality and safety;

''(B) is to an entity or person subject to the requirements of section 264(c) of the Health Insurance Portability and Accountability Act of 1996 (Public Law 104–191; 110 Stat. 2033), or any regulation promulgated under such section; and

''(C) is not in conflict with such section or any regulation promulgated under such section.

''(3) Disclosure as required by law by a provider to the Food and Drug Administration, or on a voluntary basis by a provider to a federally established patient safety program, with respect to an Administration-regulated product or activity for which that entity has responsibility, for the purposes of activities related to the quality, safety, or effectiveness of such Administration-regulated product or activity.

''(4) Disclosures of patient safety work product in accordance with this part by a provider to a patient safety organization.

''(d) EFFECT OF TRANSFER, DISCLOSURE.—The following shall not be treated as a waiver of any privilege or protection established under this part:

''(1) The transfer of any patient safety work product between a provider and a patient safety organization.

''(2) Disclosure of patient safety work product as described in subsection (c).

''(3) The unauthorized disclosure of patient safety work product.

''(e) PENALTY.—

''(1) PROHIBITION.—Except as provided in this part, and subject to paragraphs (2) and (4), it shall be unlawful for any person to disclose patient safety work product in violation of this section, if such disclosure constitutes a negligent or knowing breach of confidentiality.

''(2) RELATION TO HIPAA.—The penalty under paragraph (3) for a disclosure in violation of paragraph (1) does not apply if the person would be subject to a penalty under section 264(c) of the Health Insurance Portability and Accountability Act of

1996 (Public Law 104–191; 110 Stat. 2033), or any regulation promulgated under such section, for the same disclosure.

''(3) AMOUNT.—Any person who violates paragraph (1) shall be subject to a civil monetary penalty of not more than $10,000 for each such violation involved. Such penalty shall be imposed and collected in the same manner as civil money penalties under subsection (a) of section 1128A of the Social Security Act are imposed and collected.

''(4) SUBSEQUENT DISCLOSURE.—Paragraph (1) applies only to the first person that breaches confidentiality with respect to particular patient safety work product.

''(f) RELATION TO HIPAA.—

''(1) IN GENERAL.—For purposes of applying the regulations promulgated pursuant to section 264(c) of the Health Insurance Portability and Accountability Act of 1996 (Public Law 104–191; 110 Stat. 2033)—

''(A) patient safety organizations shall be treated as business associates; and

''(B) activities of such organizations described in section 921(4) in relation to a pro-

vider are deemed to be health care operations (as defined in such regulations) of the provider.

''(2) RULE OF CONSTRUCTION.—Nothing in this section shall be construed to alter or affect the implementation of such regulations or such section 264(c).

''(g) NO LIMITATION OF OTHER PRIVILEGES.—Nothing in this section shall be construed to affect privileges, including peer review and confidentiality protections, that are otherwise available under Federal or State laws.

''(h) NO LIMITATION ON CONTRACTS.—Nothing in this section shall be construed to limit the power of a provider and a patient safety organization, or a patient safety organization and the Agency or any National Patient Safety Database, consistent with the provisions of this Act and other applicable law, to enter into a contract requiring greater confidentiality or delegating authority to make an authorized disclosure.

''(i) RELATION TO STATE REPORTING REQUIREMENTS.—Nothing in this part shall be construed as preempting or otherwise affecting any State law requiring a provider to report information, including information described in section 921(5)(B), that is not patient safety work product.

''(j) CONTINUATION OF PRIVILEGE.—Patient safety work product of an organization that is certified as a patient safety organization shall continue to be privileged and confidential, in accordance with this section, if the organization's certification is terminated or revoked or if the organization otherwise ceases to qualify as a patient safety organization.

''(k) REPORTS ON STRATEGIES TO IMPROVE PATIENT SAFETY.—

''(1) DRAFT REPORT.—Not later than the date that is 18 months after any National Patient Safety Database is operational, the Secretary, in consultation with the Director, shall prepare a draft report on effective strategies for reducing medical errors and increasing patient safety. The draft report shall include any measure determined appropriate by the Secretary to encourage the appropriate use of such strategies, including use in any federally funded programs. The Secretary shall make the draft report available for public comment and submit the draft report to the Institute of Medicine for review.

''(2) FINAL REPORT.—Not later than 1 year after the date described in paragraph (1), the Secretary shall submit a final report to the Congress that includes, in an appendix, any findings by the

Institute of Medicine concerning research on the strategies discussed in the draft report and any modifications made by the Secretary based on such findings.

"SEC. 923. NATIONAL PATIENT SAFETY DATABASE.

"(a) AUTHORITY.—

"(1) IN GENERAL.—In conducting activities under this part, the Secretary shall provide for the establishment and maintenance of a database to receive relevant nonidentifiable patient safety work product, and may designate entities to collect relevant nonidentifiable patient safety work product that is voluntarily reported by patient safety organizations upon the request of the Secretary. Any database established or designated under this paragraph may be referred to as a 'National Patient Safety Database'.

"(2) USE OF INFORMATION.—Information reported to any National Patient Safety Database shall be used to analyze national and regional statistics, including trends and patterns of health care errors. The information resulting from such analyses may be included in the annual quality reports prepared under section 913(b)(2).

''(3) ADVISORY ROLE.—The Secretary shall provide scientific support to patient safety organizations, including the dissemination of methodologies and evidence-based information related to root causes and quality improvement.

''(b) STANDARDS.—In establishing or designating a database under subsection (a)(1), the Secretary shall, in consultation with representatives of patient safety organizations, the provider community, and the health information technology industry, determine common formats for the voluntary reporting of nonidentifiable patient safety work product, including necessary elements, common and consistent definitions, and a standardized computer interface for the processing of the work product. To the extent practicable, such standards shall be consistent with the administrative simplification provisions of part C of title XI of the Social Security Act.

''(c) CERTAIN METHODOLOGIES FOR COLLECTION.—The Secretary shall ensure that the methodologies for the collection of nonidentifiable patient safety work product for any National Patient Safety Database include the methodologies developed or recommended by the Patient Safety Task Force of the Department of Health and Human Services.

''(d) FACILITATION OF INFORMATION EXCHANGE.—To the extent practicable, the Secretary may facilitate the direct link of information between providers and patient safety organizations and between patient safety organizations and any National Patient Safety Database.

''(e) RESTRICTION ON TRANSFER.—Only nonidentifiable information may be transferred to any National Patient Safety Database.

''SEC. 924. TECHNICAL ASSISTANCE.

''(a) IN GENERAL.—The Secretary, acting through the Director, may—

''(1) provide technical assistance to patient safety organizations, and to States with reporting systems for health care errors; and

''(2) provide guidance on the type of data to be voluntarily submitted to any National Patient Safety Database.

''(b) ANNUAL MEETINGS.—Assistance provided under subsection (a) may include annual meetings for patient safety organizations to discuss methodology, communication, information collection, or privacy concerns.

''SEC. 925. CERTIFICATION OF PATIENT SAFETY ORGANIZATIONS.

''(a) IN GENERAL.—Not later than 6 months after the date of enactment of the Patient Safety and Quality

Improvement Act, the Secretary shall establish a process for certifying patient safety organizations.

''(b) PROCESS.—The process established under subsection (a) shall include the following:

''(1) Certification of patient safety organizations by the Secretary or by such other national or State governmental organizations as the Secretary determines appropriate.

''(2) If the Secretary allows other governmental organizations to certify patient safety organizations under paragraph (1), the Secretary shall establish a process for approving such organizations. Any such approved organization shall conduct certifications and reviews in accordance with this section.

''(3) A review of each certification under paragraph (1) (including a review of compliance with each criterion in this section and any related implementing standards as determined by the Secretary through rulemaking) not less often than every 3 years, as determined by the Secretary.

''(4) Revocation of any such certification by the Secretary or other such governmental organization that issued the certification, upon a showing of cause.

''(c) CRITERIA.—A patient safety organization must meet the following criteria as conditions of certification:

''(1) The mission of the patient safety organization is to conduct activities that are to improve patient safety and the quality of health care delivery and is not in conflict of interest with the providers that contract with the patient safety organization.

''(2) The patient safety organization has appropriately qualified staff, including licensed or certified medical professionals.

''(3) The patient safety organization, within any 2 year period, contracts with more than 1 provider for the purpose of receiving and reviewing patient safety work product.

''(4) The patient safety organization is not a component of a health insurer or other entity that offers a group health plan or health insurance coverage.

''(5) The patient safety organization is managed, controlled, and operated independently from any provider that contracts with the patient safety organization for reporting patient safety work product.

''(6) To the extent practical and appropriate, the patient safety organization collects patient safety

work product from providers in a standardized manner that permits valid comparisons of similar cases among similar providers.

''(d) ADDITIONAL CRITERIA FOR COMPONENT ORGANIZATIONS.—If a patient safety organization is a component of another organization, the patient safety organization must, in addition to meeting the criteria described in subsection (c), meet the following criteria as conditions of certification:

''(1) The patient safety organization maintains patient safety work product separately from the rest of the organization, and establishes appropriate security measures to maintain the confidentiality of the patient safety work product.

''(2) The patient safety organization does not make an unauthorized disclosure under this Act of patient safety work product to the rest of the organization in breach of confidentiality.

''(3) The mission of the patient safety organization does not create a conflict of interest with the rest of the organization.''.

(b) AUTHORIZATION OF APPROPRIATIONS.—Section 937 of the Public Health Service Act (as redesignated by subsection (a)) is amended by adding at the end the following:

''(e) PATIENT SAFETY AND QUALITY IMPROVEMENT.—For the purpose of carrying out part C, there are authorized to be appropriated such sums as may be necessary for each of the fiscal years 2004 through 2008.''.

SEC. 102. PROMOTING THE DIFFUSION AND INTEROPERABILITY OF INFORMATION TECHNOLOGY SYSTEMS INVOLVED WITH HEALTH CARE DELIVERY.

(a) VOLUNTARY STANDARDS.—

(1) IN GENERAL.—Not later than 18 months after the date of the enactment of this Act, the Secretary of Health and Human Services (in this section referred to as the ''Secretary'') shall—

(A) develop or adopt voluntary national standards that promote the interoperability of information technology systems involved with health care delivery, including but not limited to computerized physician order entry;

(B) in developing or adopting such standards, take into account—

(i) the ability of such systems to capture and aggregate clinically specific data to enable evidence-based medicine and other applications that promote the elec-

tronic exchange of patient medical record information; and

(ii) the cost that meeting such standards would have on providing health care in the United States and the increased efficiencies in providing such care achieved under the standards;

(C) in developing or adopting such standards and to the extent practicable, test the efficacy, usability, and scalability of proposed interoperability standards within a variety of clinical settings, including an urban academic medical center, a rural hospital, a community health center, and a community hospital; and

(D) submit a report to the Congress containing recommendations on such standards.

(2) CONSULTATION.—In developing or adopting standards under paragraph (1)(A), the Secretary shall consider the recommendations of the National Committee on Vital Health Statistics for the standardization of message formatting, coding, and vocabulary for interoperability of information technology systems involved with health care delivery. The Secretary shall consult with representatives of the health information technology industry and the pro-

vider community who are involved with the development of interoperability standards.

(b) UPDATES.—The Secretary shall provide for the ongoing review and periodic updating of the standards developed under subsection (a).

SEC. 103. REQUIRED USE OF PRODUCT IDENTIFICATION TECHNOLOGY.

The Federal Food, Drug, and Cosmetic Act (21 U.S.C. 301 et seq.) is amended—

(1) in section 502, by adding at the end the following:

''(w) If it is a drug or biological product, unless it includes a unique product identifier for the drug or biological product as required by regulations under section 510(q).''; and

(2) in section 510, by adding at the end the following:

''(q)(1) The Secretary shall issue, and may periodically revise, regulations requiring the manufacturer of any drug or biological product that is subject to regulation by the Food and Drug Administration, or the packager or labeler of a drug or biological product that is subject to regulation by the Food and Drug Administration, to include a unique product identifier on the packaging of the drug or biological product.

''(2) For purposes of this subsection, the term 'unique product identifier' means an identification that—

''(A) is affixed by the manufacturer, labeler, or packager to each drug or biological product described in paragraph (1) at each packaging level;

''(B) uniquely identifies the item and meets the standards required by this section; and

''(C) can be read by a scanning device or other technology acceptable to the Secretary.

''(3) A unique product identifier required by regulations issued or revised under paragraph (1) shall be based on—

''(A) the National Drug Code maintained by the Food and Drug Administration;

''(B) commercially accepted standards established by organizations that are accredited by the American National Standards Institute, such as the Health Industry Business Communication Council or the Uniform Code Council; or

''(C) other identification formats that the Secretary deems appropriate.

''(4) The Secretary may, at the Secretary's discretion, waive the requirements of this section, or add additional provisions that are necessary to safeguard the public health.''.

SEC. 104. GRANTS FOR ELECTRONIC PRESCRIPTION PROGRAMS.

(a) GRANTS.—

(1) IN GENERAL.—The Secretary of Health and Human Services (in this section referred to as the ''Secretary'') may make grants to qualified practitioners for the purpose of establishing electronic prescription programs.

(2) MATCHING FUNDS.—

(A) IN GENERAL.—With respect to the costs of establishing an electronic prescription program, a condition for the receipt of a grant under paragraph (1) is that the qualified practitioner involved agree to make available (directly or through donations from public or private entities) non-Federal contributions toward such costs in an amount that is not less than 50 percent of such costs.

(B) DETERMINATION OF AMOUNT CONTRIBUTED.—Non-Federal contributions required in subparagraph (A) may be in cash or in kind, fairly evaluated, including equipment or services. Amounts provided by the Federal Government, or services assisted or subsidized to any significant extent by the Federal Govern-

ment, may not be included in determining the amount of such non-Federal contributions.

(b) STUDY.—

(1) IN GENERAL.—The Secretary, acting through the Director of the Agency for Healthcare Research and Quality, shall support a study to assess existing scientific evidence regarding the effectiveness and cost-effectiveness of the use of electronic prescription programs intended to improve the efficiency of prescription ordering and the safe and effective use of prescription drugs. The study shall address the following:

(A) The ability of such programs to reduce medical errors and improve the quality and safety of patient care.

(B) The impact of the use of such programs on physicians, pharmacists, and patients, including such factors as direct and indirect costs, changes in productivity, and satisfaction.

(C) The effectiveness of strategies for overcoming barriers to the use of electronic prescription programs.

(2) REPORT.—The Secretary shall ensure that, not later than 18 months after the date of the enactment of this Act, a report containing the findings of

the study under paragraph (1) is submitted to the appropriate committees of the Congress.

(3) DISSEMINATION OF FINDINGS.—The Secretary shall disseminate the findings of the study under paragraph (1) to appropriate public and private entities.

(c) DEVELOPMENT OF MODEL.—The Secretary, acting through the Director of the Agency for Healthcare Research and Quality, may develop an Internet-based mathematical model that simulates the cost and effectiveness of electronic prescription programs for qualified practitioners. The model may be designed to allow qualified practitioners to estimate, through an interactive interface, the impact of electronic prescribing on their practices, including the reduction in drug-related health care errors.

(d) DEFINITIONS.—For purposes of this section:

(1) The term ''electronic prescription program''—

(A) means a program for the electronic submission and processing of prescriptions; and

(B) includes the hardware (including computers and other electronic devices) and software programs for the electronic submission of prescriptions to pharmacies, the processing of

such submissions by pharmacies, and decision-support programs.

(2) The term ''qualified practitioner'' means a practitioner licensed by law to administer or dispense prescription drugs.

SEC. 105. GRANTS TO HOSPITALS AND OTHER HEALTH CARE PROVIDERS FOR INFORMATION TECHNOLOGIES.

(a) IN GENERAL.—The Secretary of Health and Human Services (in this section referred to as the ''Secretary'') shall make grants to hospitals and other health care providers (but not more than 1 grant to any 1 hospital or provider) to pay the costs of acquiring or implementing information technologies whose purposes are—

(1) to improve quality of care and patient safety; and

(2) to reduce adverse events and health care complications resulting from medication errors.

(b) SPECIAL CONSIDERATION.—In making grants under subsection (a), the Secretary shall give special consideration to applicants who seek to promote the following:

(1) Interoperability across hospital services or departments using standards developed or adopted by the Secretary under section 102.

(2) Electronic communication of patient data across the spectrum of health care delivery.

(3) Computerized physician order entry or bar coding applications.

(4) Electronic communication of patient data in hospitals that provide services to underserved or low-income populations.

(5) Improved clinical decisionmaking through acquisition and implementation of decision-support technologies.

(c) CERTAIN GRANT CONDITIONS.—A condition for the receipt of a grant under subsection (a) is that the applicant involved meet the following requirements:

(1) The applicant agrees to carry out a program to measure, analyze, and report patient safety and medical errors at the hospital or other health care provider involved, to submit to the Secretary a description of the methodology that will be used, and to have such program in effect as soon as practicable after the application for the grant is approved, without regard to whether information technologies under the grant have been implemented.

(2) The applicant has arranged for an evaluation that addresses the effectiveness and cost-effectiveness of the information technology for which the

grant is provided and its impact on the quality and safety of patient care, submitted the evaluation plan to the Secretary, and received approval from the Secretary of the applicant's methodology.

(3) The applicant has or is developing a patient safety evaluation system (as that term is defined in section 921 of the Public Health Service Act (as amended by section 101)) for reporting health care errors to a patient safety organization.

(4) The applicant agrees to provide the Secretary with such information as the Secretary may require regarding the use of funds under this program or its impact.

(5) The applicant provides assurances satisfactory to the Secretary that any information technology planned, acquired, or implemented with grant funds under this section will be part of an information program that—

(A) carries out the purposes described in subsection (a); and

(B) is comprehensive or will be expanded to become comprehensive, regardless of whether Federal assistance is available for such expansion.

(d) TECHNICAL ASSISTANCE TO GRANTEES.—The Secretary, acting through the Director of the Agency for Healthcare Research and Quality, shall provide technical assistance to applicants and grantees to ensure the appropriate evaluation of the information technologies for which grants are awarded under this section, such as—

(1) reviewing and providing technical assistance on the applicant's proposed evaluation;

(2) developing mechanisms to ensure ongoing communications between grantees and evaluators to facilitate the identification and resolution of problems as they arise, ensure mutual learning, and promote the rapid dissemination of information;

(3) reviewing the interim and final reports required under subsection (e); and

(4) disseminating evidence-based information in interim and final reports to patient safety organizations, as appropriate.

(e) EVALUATION REPORTS BY GRANTEE.—A condition for the receipt of a grant under subsection (a) is that the applicant agree to submit an interim and a final report to the Secretary in accordance with this subsection.

(1) INTERIM REPORT.—Not later than 1 year after the implementation of information technologies under the grant is completed, the applicant will sub-

mit an interim report to the Secretary describing the initial effectiveness of such technologies in carrying out the purposes described in subsection (a).

(2) FINAL REPORT.—Not later than 3 years after the implementation of information technologies under the grant is completed, the applicant will submit a final report to the Secretary describing the effectiveness and cost-effectiveness of such technologies and addressing other issues determined to be important in carrying out the purposes described in subsection (a).

(3) RELATION TO DISBURSEMENT OF GRANT.—In disbursing a grant under subsection (a), the Secretary shall withhold ⅓ of the grant until the grantee submits to the Secretary the report required in paragraph (1).

(f) REPORTS BY SECRETARY.—

(1) INTERIM REPORTS.—

(A) IN GENERAL.—Through the fiscal year preceding the fiscal year in which the final report under paragraph (2) is prepared, the Secretary shall submit to the Committee on Energy and Commerce of the House of Representatives and the Committee on Health, Education, Labor, and Pensions of the Senate periodic re-

ports on the grant program under subsection (a). Such reports shall be submitted not less frequently than once each fiscal year, beginning with fiscal year 2004.

(B) CONTENTS.—A report under subparagraph (A) shall include information on—

(i) the number of grants made;

(ii) the nature of the projects for which funding is provided under the grant program;

(iii) the geographic distribution of grant recipients; and

(iv) such other matters as the Secretary determines appropriate.

(2) FINAL REPORT.—Not later than 180 days after the date on which the last of the reports is due under subsection (e)(2), the Secretary shall submit a final report to the committees referred to in paragraph (1)(A) on the grant program under subsection (a), together with such recommendations for legislation and administrative action as the Secretary determines appropriate.

(g) DEFINITIONS.—For purposes of this section:

(1) The term ''costs'', with respect to information technologies referred to in subsection (a), includes total expenditures incurred for—

(A) purchasing, leasing, and installing computer software and hardware, including hand-held computer technologies;

(B) making improvements to existing computer software and hardware; and

(C) purchasing or leasing communications capabilities necessary for clinical data access, storage, and exchange.

(2) The term ''health care provider'' has the same meaning given to the term ''provider'' in section 921 of the Public Health Services Act (as amended by this Act).

(h) TERMINATION OF GRANT AUTHORITIES.—The authority of the Secretary to make grants under subsection (a) terminates upon the expiration of fiscal year 2011.

(i) MATCHING FUNDS.—

(1) IN GENERAL.—With respect to the costs of a grant to be carried out under this section, such grant may be made only if the applicant agrees to make available (directly or through donations from public or private entities) non-Federal contributions

toward such costs in an amount that is not less than 50 percent of such costs ($1 for each $1 of Federal funds provided in the grant).

(2) DETERMINATION OF AMOUNTS CONTRIBUTED.—Amounts provided by the Federal Government, or services assisted or subsidized to any significant extent by the Federal Government, may not be included in determining the amount of such non-Federal contributions.

SEC. 106. AUTHORIZATION OF APPROPRIATIONS FOR GRANTS UNDER SECTIONS 104 AND 105.

For the purpose of carrying out sections 104 and 105, there are authorized to be appropriated $25,000,000 for each of fiscal years 2004 and 2005.

TITLE II—MEDICAL INFORMATION TECHNOLOGY ADVISORY BOARD.

SEC. 201. MEDICAL INFORMATION TECHNOLOGY ADVISORY BOARD.

Title XI of the Social Security Act is amended by adding at the end the following new section:

''MEDICAL INFORMATION TECHNOLOGY ADVISORY BOARD

''SEC. 1180. (a) ESTABLISHMENT.—

''(1) IN GENERAL.—Not later than 3 months after the date of the enactment of this section, the Secretary shall appoint an advisory board to be

known as the 'Medical Information Technology Advisory Board' (in this section referred to as the 'MITAB').

''(2) CHAIRMAN.—The Secretary shall designate one member as chairman. The chairman shall be an individual affiliated with an organization having expertise creating American National Standards Institute (ANSI) accepted standards in health care information technology and a member of the National Committee for Vital and Health Statistics.

''(b) COMPOSITION.—

''(1) IN GENERAL.—The MITAB shall consist of not more than 17 members that include—

''(A) experts from the fields of medical information, information technology, medical continuous quality improvement, medical records security and privacy, individual and institutional health care clinical providers, health researchers, and health care purchasers;

''(B) one or more staff experts from each of the following: the Centers for Medicare & Medicaid Services, the Agency for Healthcare Research and Quality, and the Institute of Medicine of the National Academy of Sciences;

''(C) representatives of private organizations with expertise in medical infomatics;

''(D) a representative of a teaching hospital; and

''(E) one or more representatives of the health care information technology industry.

''(2) TERMS OF APPOINTMENT.—The term of any appointment under paragraph (1) to the MITAB shall be for the life of the MITAB.

''(3) MEETINGS.—The MITAB shall meet at the call of its chairman or a majority of its members.

''(4) VACANCIES.—A vacancy on the MITAB shall be filled in the same manner in which the original appointment was made not later than 30 days after the MITAB is given notice of the vacancy and shall not affect the power of the remaining members to execute the duties of the MITAB.

''(5) COMPENSATION.—Members of the MITAB shall receive no additional pay, allowances, or benefits by reason of their service on the MITAB.

''(6) EXPENSES.—Each member of the MITAB shall receive travel expenses and per diem in lieu of subsistence in accordance with sections 5702 and 5703 of title 5, United States Code.

''(c) DUTIES.—

''(1) IN GENERAL.—The MITAB shall on an ongoing basis advise, and make recommendations to, the Secretary regarding medical information technology, including the following:

''(A) The best current practices in medical information technology.

''(B) Methods for the adoption (not later than 2 years after the date of the enactment of this section) of a uniform health care information system interface between and among old and new computer systems.

''(C) Recommendations for health care vocabulary, messaging, and other technology standards (including a common lexicon for computer technology) necessary to achieve the interoperability of health care information systems for the purposes described in subparagraph (E).

''(D) Methods of implementing—

''(i) health care information technology interoperability standardization; and

''(ii) records security.

''(E) Methods to promote information exchange among health care providers so that long-term compatibility among information systems is maximized, in order to do one or more of the following:

''(i) To maximize positive outcomes in clinical care—

''(I) by providing decision support for diagnosis and care; and

''(II) by assisting in the emergency treatment of a patient presenting at a facility where there is no medical record for the patient.

''(ii) To contribute to (and be consistent with) the development of the patient assessment instrument provided for under section 545 of the Medicare, Medicaid, and SCHIP Benefits Improvement and Protection Act of 2000, and to assist in minimizing the need for new and different records as patients move from provider to provider.

''(iii) To reduce or eliminate the need for redundant records, paperwork, and the

repetitive taking of patient histories and administering of tests.

''(iv) To minimize medical errors, such as administration of contraindicated drugs.

''(v) To provide a compatible information technology architecture that facilitates future quality and cost-saving needs and that avoids the financing and development of information technology systems that are not readily compatible.

''(2) REPORTS.—

''(A) INITIAL REPORT.—No later than 18 months after the date of the enactment of this section, the MITAB shall submit to Congress and the Secretary an initial report concerning the matters described in paragraph (1). The report shall include—

''(i) the practices described in paragraph (1)(A), including the status of health care information technology standards being developed by private sector and public-private groups;

''(ii) recommendations for accelerating the development of common health care terminology standards;

''(iii) recommendations for completing development of health care information system messaging standards; and

''(iv) progress toward meeting the deadline described in paragraph (1)(B) for adoption of methods described in such paragraph.

''(B) SUBSEQUENT REPORTS.—During each of the 2 years after the year in which the report is submitted under subparagraph (A), the MITAB shall submit to Congress and the Secretary an annual report relating to additional recommendations, best practices, results of information technology improvements, analyses of private sector efforts to implement the interoperability standards established in section 102 of the Patient Safety and Quality Improvement Act, and such other matters as may help ensure the most rapid dissemination of best practices in health care information technology.

''(d) STAFF AND SUPPORT SERVICES.—

''(1) EXECUTIVE DIRECTOR.—

"(A) APPOINTMENT.—The Chairman shall appoint an executive director of the MITAB.

"(B) COMPENSATION.—The executive director shall be paid the rate of basic pay for level V of the Executive Schedule.

"(2) STAFF.—With the approval of the MITAB, the executive director may appoint such personnel as the executive director considers appropriate.

"(3) APPLICABILITY OF CIVIL SERVICE LAWS.—The staff of the MITAB shall be appointed without regard to the provisions of title 5, United States Code, governing appointments in the competitive service, and shall be paid without regard to the provisions of chapter 51 and subchapter III of chapter 53 of such title (relating to classification and General Schedule pay rates).

"(4) EXPERTS AND CONSULTANTS.—With the approval of the MITAB, the executive director may procure temporary and intermittent services under section 3109(b) of title 5, United States Code.

"(e) POWERS.—

"(1) HEARINGS AND OTHER ACTIVITIES.—For the purpose of carrying out its duties, the MITAB may hold such hearings and undertake such other

activities as the MITAB determines to be necessary to carry out its duties.

''(2) DETAIL OF FEDERAL EMPLOYEES.—Upon the request of the MITAB, the head of any Federal agency is authorized to detail, without reimbursement, any of the personnel of such agency to the MITAB to assist the MITAB in carrying out its duties. Any such detail shall not interrupt or otherwise affect the civil service status or privileges of the Federal employee.

''(3) TECHNICAL ASSISTANCE.—Upon the request of the MITAB, the head of a Federal agency shall provide such technical assistance to the MITAB as the MITAB determines to be necessary to carry out its duties.

''(4) OBTAINING INFORMATION.—The MITAB may secure directly from any Federal agency information necessary to enable it to carry out its duties, if the information may be disclosed under section 552 of title 5, United States Code. Upon request of the Chairman of the MITAB, the head of such agency shall furnish such information to the MITAB.

''(f) TERMINATION.—The MITAB shall terminate 30 days after the date of submission of its final report under subsection (c)(2)(B).

''(g) APPLICABILITY OF FACA.—The provisions of the Federal Advisory Committee Act (5 U.S.C. App.) shall apply to the MITAB.

''(h) FUNDING.—There are authorized to be appropriated such sums as are necessary for each fiscal year to carry out this section.''.

Passed the House of Representatives March 12, 2003.

Attest: JEFF TRANDAHL,

Clerk.