



Standard Guide Specification for Management of the Confidentiality and Security of Dictation, Transcription, and Transcribed Health Records¹ ²

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1. Scope

1.1 This ~~guide specification~~ covers a broad description of certain steps that ~~should~~ shall be taken by those involved in the processes of dictation and transcription of ~~patient care healthcare~~ documentation to protect the documentation during its development, maintenance, transmission, storage, and retrieval. Variations or exceptions may be appropriate in special situations or because of particular contractual obligations, institutional policies and rules, or provisions of law or regulation.

1.2 PHealthcare clients trust and expect that personal health information will be maintained in a confidential and secure manner. This ~~guide specification~~ has been developed for the purpose of protecting the confidentiality and security of all forms of dictation, transcription, and transcribed ~~health records of patient care healthcare~~ documentation.

1.3 This ~~guide specification~~ supports the patient's right to confidential, private, and secure healthcare documentation ~~of patient care~~ and identifies procedures for preventing breaches of these patient rights.

1.4 This ~~guide specification~~ seeks to identify certain dictation and transcription practices that may increase the risks of breaching confidentiality, infringing on privacy, and violating security of ~~patient care healthcare~~ documentation.

2. Referenced Documents

2.1 ASTM Standards:

¹ This ~~guide specification~~ is under the jurisdiction of ASTM Committee E31 on Healthcare Informatics and is the direct responsibility of Subcommittee E31.22 on Health Information Transcription and Documentation.

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² This standard is adapted from "Guidelines on the Confidentiality, Privacy, and Security

² *Annual Book of Patient Care Documentation Through the Process of Medical Dictation and Transcription,* published in 1996 by the American Association for Medical Transcription (AAMT); ASTM Standards, Vol 14.01.

E 1762 Guide for Electronic Authentication of Health Care Information²

E 1869 Guide for Confidentiality, Privacy, Access, and Data Security Principles for Health Information Including Computer-Based Patient Records²

E 1959 Guide for Requests for Proposals Regarding Medical Transcription Services for Healthcare Institutions²

E 1985 Guide for User Authentication and Authorization²

E 1986 Guide for Information Access Privileges to Health Information²

E 1988 Guide for Training of Persons who have Access to Health Information²

E 2017 Guide for Amendments to Health Information²

E 2084 Specification for Authentication of Healthcare Information Using Digital Signatures²

E 2085 Guide for Security Framework for Healthcare Information²

E 2147 Specification for Audit and Disclosure Logs for Use in Health Information Systems²

E 2184 Specification for Healthcare Document Formats²

2.2 Other Documents:

Public Law 104-191 Health Insurance Portability and Accountability Act of 1996 (HIPAA)³

45 CFR Part 142 Security and Electronic Signature Standards; Proposed Rule, U.S. Department of Health and Human Services³

45 CFR, Parts 160-164 Standards for Privacy of Individually Identifiable Health Information; U.S. Department of Health and Human Services, Office of the Secretary³

3. Terminology

3.1 Definitions:

3.1.1 author, n—the person originating content for a healthcare document.

3.1.2 confidential, adj—status accorded to data or information indicating that it is sensitive for some reason, and therefore, it needs to be protected against theft, disclosure, or improper use, or a combination thereof, and must be disseminated only to authorized individuals or organizations with a need to know. **E 1869**

3.1.3 confidentiality, n—the property that information is not made available or disclosed to unauthorized individuals, entities, or processes. **45 CFR Part 142**

3.1.4 individually identifiable health information, n—any information, including demographic information collected from an individual, that (1) is created or received by a health care provider, health plan, employer, or health care clearinghouse; and (2) relates to the past, present, or future physical or mental health or condition of an individual, the provision of health care to an individual, or the past, present, or future payment for the provision of health care to an individual, and (i) identifies the individual, or (ii) with respect to which there is a reasonable basis to believe that the information can be used to identify the individual.

Public Law 104-191, Section 1171 (6)

3.1.5 privacy, n—the right of an individual to be left alone and to be protected against physical or psychological invasion or misuse of their property. It includes freedom from intrusion or observation into one's private affairs, the right to maintain control over certain personal information, and the freedom to act without outside interference. **E 1869**

3.1.6 provider, n—a business entity which furnishes health care to a consumer; it includes a professionally licensed practitioner who is authorized to operate a healthcare delivery system. **E 1869**

3.1.7 secure environment, n—free from access by unauthorized persons and from unauthorized or accidental alteration.

3.1.8 security, n—encompasses all of the safeguards in an information system, including hardware, software, personnel policies, information practice policies, disaster preparedness, and the oversight of all these areas. The purpose is to protect both the system and the information it contains from unauthorized access from without and from misuse from within.

45 CFR Part 142

4. Significance and Use

4.1 Increased use of technology within the healthcare system has heightened concerns about the confidentiality and security of patient care documentation. This guide

4.1 This specification acknowledges the importance of heightened awareness concerning the protection of confidentiality and security of patient care healthcare documentation by all individuals associated with the medical dictation and transcription process.

4.2 This guide specification suggests methods to protect the confidentiality and security of patient care healthcare documentation during the processes of dictation and transcription, including maintenance, transmission, storage, and retrieval.

4.3 Principally

4.3 Federal and state laws, but also federal laws, laws and regulations govern the extent of confidentiality and security and define the exceptions when disclosures of individually identifiable health information can be legally required. Third party payer rules, provider rules, institutional rules, and other contractual provisions also may affect the procedures utilized by medical

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³ Available from U.S. Government Printing Office, Superintendent of ASTM Standards, Vol 14.01: Documents, 732 N. Capitol St., NW, Mail Stop: SDE, Washington, DC 20401. See also <http://aspe.hhs.gov/admsimp>

transcriptionists and other healthcare personnel to maintain the confidentiality and security of patient care healthcare documentation. There are certain conditions prescribed by law or regulation under which disclosure of health information is permissible.

~~4.4 There is an increasing volume of litigation against healthcare professionals and institutions involving presumed breaches of confidentiality. Ensuring~~

4.4 Ensuring the confidentiality and security of individually identifiable health records documentation through appropriate policies, procedures, continuing education, and training of healthcare personnel has become an important element of risk management. It is intended that this guide specification will contribute to compliance with laws and regulations to improved protection of patient care documentation such documentation, and thereby it will help to reduce minimize the volume risk of litigation against healthcare professionals, thereby reducing healthcare costs.

4.5 Policies and procedures adopted to protect patient care healthcare documentation and ensure its authenticity and accuracy should shall apply to all parties who participate in the processes of dictation, transcription, maintenance, transmission, storage, and retrieval of that data.

~~4.6 Although a~~

4.6 Security and confidentiality statements, policies, and employer policy are likely to agreements shall be presented to new medical transcription employees for review maintained, reviewed, and signed by all involved in the process of dictation and transcription of healthcare documentation. Formal orientation and continuing education regarding confidentiality, patient privacy, and documentation security should continue. Moreover, such statements and policies should also be presented to healthcare providers or others involved in the process of dictation and transcription.

~~4.7 Medical transcriptionists should participate in developing appropriate policies shall continue.~~

4.7 Procedures for ensuring confidentiality in the dictation and transcription processes. Procedures should be clearly documented and understood for reporting real or potential breaches, or both, in confidentiality and security to the appropriate risk management personnel, medical transcription service business management personnel, the internal auditor, department manager, privacy officer, or other appropriate person(s) shall be clearly documented and communicated.

4.8 This guide specification is intended to assist institutions and providers in developing appropriate policies that provide protection of the document individually identifiable healthcare information and the patient's privacy. documentation.

5. Dictation Security Policies and Procedures

~~5.1 System security~~

5.1 Security and confidentiality obligations should shall be thoroughly explained at the time that access privileges are granted, and understanding and agreement should shall be acknowledged by signed statements that are reviewed and renewed regularly periodically. For additional guidance, see Guides E 1985 and E 2085, and Specification E 2084.

5.1.1 Those individuals who dictate patient care healthcare documents and those who have access to dictation equipment including, but not limited to, service business owners, supervisors, managers, coders, billing and file clerks, other healthcare providers, students, vendors, and equipment maintenance personnel, etc., should shall receive instruction during the orientation phase of employment regarding system security and confidentiality obligations. These individuals should shall acknowledge that they have been informed about and will fulfill their obligation to protect system security and to maintain confidentiality by signing statements of understanding and agreement at the time that access privileges are granted and at regularly scheduled reviews. Upon changes in policies or procedures, orientation and acknowledgment shall be repeated. For additional guidance see Guides E 1986 and E 1988.

~~5.2 Dictation Procedures Should Shall Ensure Data Security:~~

5.2.1 Dictation should shall not be done in any environment in which persons other than the patient or the patient's legal representative may overhear confidential dictation information.

5.2.2 Individuals involved in the patient documentation process should shall refrain from utilizing telephones or dictation equipment in locations where confidential patient individually identifiable health information is likely to be overheard. For example, patient care documentation should individuals shall not be dictate healthcare documentation into public telephones, cellular phones, or other recording devices that are located within the hearing distance of others, nor on cellular phones others.

5.2.3 Electronic transmission of patient information should shall comply with Guide E 1869. Patient demographics or other patient specified individually identifiable health information should shall not be transmitted via computer bulletin boards or similar public media. Internet, e-mail, Internet or fax should e-mail shall be used only when sender and receiver understand that data will be transmitted in this manner and take adequate precautions, for example, through encryption or other security technologies, to secure the data and to ensure that no unauthorized access is allowed. Such information shall be transmitted by fax only when the sender and receiver take precautions to ensure that receipt will be by an authorized receiver in a secure environment that will ensure that no unauthorized party may have or obtain access to it. Receipt of the data should be immediately acknowledged to the sender. it.

5.2.4 Dictation on analog audiocassettes, CDs, or other voice files should portable storage media shall be shipped transported by express courier, or other secure rapid delivery services, that can track shipments. An authorized receiver should shall be designated on the airbill, official shipping document. An authorized receiver should shall sign for all shipments. Receipt of shipment(s) should be immediately acknowledged to the sender. shipments.

5.2.5 When transmitting voice data, dictation ~~should~~ shall not be done or loaded into equipment with an activated auto answer, for example, answering machines. Receipt of machines or voice data should be immediately acknowledged to the sender. ~~mail.~~

5.2.6 Once a voice file has been transcribed and the document has been received and verified by the healthcare provider in either electronic or paper form, the voice file ~~should~~ shall be deleted from a digital system or erased from an analog system in a manner that prevents unauthorized access.

5.2.7 ~~If original voice files are stored, precautions should be taken to secure the files and to ensure that no unauthorized party~~

~~NOTE 1—Some contractual obligations may have or obtain access to them. If offsite storage is done, the policy for offsite storage, retention, access, destruction, and disposal should be disclosed in writing and agreed upon by all parties. require retention. For further guidance, see Guide E 1959.~~

~~5.3 Dictation Equipment~~ Should Shall Be Protected from Unauthorized Access:

5.3.1 Access to patient confidential information, records, tapes, and dictation, or any combination thereof, ~~should~~ shall be limited to those authorized to be involved in the dictation process. All access privileges ~~should~~ shall be limited to information related to an individual's role, and a log of access to data ~~should~~ shall be maintained. For additional guidance regarding audit and disclosure logs, see Specification E 2147.

5.3.2 ~~Individuals~~ Individuals authorized to dictate ~~should~~ shall use a unique identifier and password identifiers to protect against inappropriate dictation system access. ~~Access should~~ Formal documented procedures shall be in place to disabled for access by persons no longer authorized to use the system. User identifiers should shall be unique to individuals and should shall not be shared. Passwords should be changed after a specified time. If the user identifier serves Identifiers serve as a permanent record, it ~~should~~ record and shall not be reassigned to another individual.

5.3.3 Dictation equipment repairs, modifications, and maintenance ~~should~~ shall be made only by authorized persons. A log of all repairs, modifications, and maintenance ~~should~~ shall be maintained. and include sufficient detail to allow for tracking of breaches of confidentiality or security. Individually identifiable information should shall be deleted from dictation systems that are removed from facilities or from use.

5.4 Individually identifiable information should shall be restricted to demographic sections of reports and ~~should~~ shall not be included within the narrative portion of reports.

5.4.1 Individually identifiable information should shall be removed from documents prior to access by researchers, statisticians, and others not responsible for patient care. ~~Removal healthcare.~~ This shall include removal of the patient's name, employer, Social Security number, address, telephone number, names of relatives, and any other identifying information from within the demographic or narrative portions of reports should be ensured. ~~such reports.~~ For further guidance as provided in the HIPAA Privacy Rule, see Public Law 104-191, section 164-514.

~~5.5 Dictation Playback~~ Should Be Shall Be Done in a Secure Environment:

5.5.1 ~~Playback~~ Playback of dictation ~~should~~ shall be done in a manner ~~which that~~ protects the information from being overheard by unauthorized persons.

~~5.6 Dictation Storage~~ Should Be Shall Be Limited:

5.6.1 Dictation ~~should~~ shall be stored only for the length of time necessary to transcribe and review documentation and in a manner that protects against unauthorized access. Dictated patient healthcare information ~~should~~ shall then be carefully destroyed or deleted from in a way that prevents recovery by unauthorized persons. Transcribed tapes ~~should~~ shall not be reused until erased.

5.6.2 If original voice files are stored, precautions shall be taken to secure the files and to ensure that no unauthorized individual shall have or obtain access to them. If offsite storage is done, the policy for offsite storage, retention, access, destruction, and disposal shall be disclosed in writing and agreed upon by all involved parties.

6. Transcription Security Policies and Procedures

6.1 Systems security

6.1 Security and confidentiality obligations ~~should~~ shall be thoroughly explained at the time access privileges are granted, and understanding should and agreement shall be acknowledged by signed statements. The importance of maintaining systems security statements that are reviewed and protecting patient rights to confidentiality of health data should be renewed on an annual basis, and acknowledgment of understanding should be documented, periodically.

6.1.1 Individuals who perform medical transcription or who have access to patient care healthcare documentation during the transcription process including, but not limited to, service business owners, supervisors, managers, billing and file clerks, coders, proofreaders, students, vendors, equipment maintenance personnel, and couriers, etc., ~~should~~ shall receive instruction with regard to systems during the orientation phase regarding security and confidentiality policies. Such obligations. These individuals also should shall acknowledge that they have been informed of about and will fulfill their obligations to protect security and to maintain confidentiality by signing confidentiality statements of understanding and agreement at the time that access privileges are extended and at regularly scheduled reviews. Upon changes in policies or procedures, orientation and acknowledgment shall be repeated. Maintain a record of receipt of these statements in appropriate departmental files. For additional guidance, see Guides E 1986 and E 1988.

6.1.2 If medical transcription is done in a location other than ~~the one that~~ in which the patient is being treated (for example, offsite locally or in another state or country), disclosure should of such arrangement shall be made to the healthcare provider organization. For additional guidance in this regard, see Guide E 1959.

6.1.3 After the medical transcriptionist completes a report, the transcript should transcription is complete, it shall be authenticated by the medical transcriptionist's initials or other identifier. Note that the medical transcriptionist's authentication of the transcript does not constitute authentication of the document, which must be done by the originator, author. Access and authority to make changes on the transcript prior to its authentication by the originator should author shall be limited and documented, including identification of the individual making such changes. Following authentication by the report's originator, author, the document should shall be released as a read-only file, and subsequent additions, corrections, or revisions should shall be addenda to the document and should shall likewise be authenticated. For additional guidance regarding authentication, see Guide E 1762. For additional guidance regarding amendments, see Guide E 2017 and Specification E 2184.

6.2 *Transcription Computer Systems, Storage Equipment, and Related Materials should be Shall Be Protected from Unauthorized Access:*

6.2.1 Access to equipment and materials containing confidential information should shall be limited to those authorized to be involved in the transcription process. All access privileges should shall be limited to information related to an individual's role, and a log of access to data should shall be maintained. For additional guidance regarding audit and disclosure logs, see Specification E 2147.

6.2.2 Individuals authorized to transcribe or access transcription for quality review, coding, analysis or other document processing functions should shall use a one or more unique identifier and password identifiers to protect against inappropriate dictation and transcription system access. User identifiers should Formal documented procedures shall be managed properly (for example, in place to disable access should be disabled for any person by persons no longer authorized to use the system). User identifiers should shall be unique to individuals and should shall not be shared. Passwords should be changed after a specified number of uses or after a specified time. Passwords should consist of values that are not easily guessed. If the user identifier serves Identifiers serve as a permanent record, it should record and shall not be reassigned to another individual.

6.2.3 Repairs, modification, and maintenance of transcription hardware and software and other transcription equipment repairs, modification, and maintenance should shall be made done only by authorized persons. A log of all repairs, modifications, and maintenance, whether performed on-site or remotely through direct dial-in connections should remotely, shall be maintained and include sufficient detail to allow for tracking of breaches of confidentiality or security. Systems testing should shall not be done with eo individually identifiable information. Individually identifiable Confidential information should shall be deleted from transcription systems that are removed from facilities or from use.

6.3 *Medical Transcription should be Shall Be Done in a Secure Environment*—The environment in which medical transcription is done should shall not be accessible to the public or unauthorized personnel. Computer screens, monitors, printers, typewriters, and typewriters should other equipment shall be located so that the individually identifiable material on them is not visible from windows, doors, or other open areas to reduce the risk of inappropriate viewing of confidential information.

6.4 *Transcriptionists Should Log Off Computers, Word Processors, and Dictation Equipment when not Transcribing, Unless a Pause Feature is Incorporated into the System Transcribing:*

6.4.1 When not transcribing, reviewing, editing, etc., even for a short period of time, the medical transcriptionist should shall log off all equipment that could permit unauthorized access to eo individually identifiable health information. If a pause feature is incorporated into the transcription system, this should shall remove the documentation from screen view and access until the system is reactivated by the authorized user. Digital or other electronic dictation systems shall be logged off when medical transcriptionists are not physically present at their workstations.

6.4.2 When manual systems such as typewriters or analog transcribe machines are used, confidential materials such as documents and tapes containing individually identifiable information shall be removed from immediately when the equipment is not in use and protected from unauthorized access.

6.4.3 In many cases, medical transcription involves the use of accessory materials such as patient lists, handwritten reports or notes, printed test results, instruction manuals, lists of unique identifiers, and other materials that either include individually identifiable information or would facilitate access to p dictation and transcription systems. These accessory materials shall also be protected from unauthorized access.

6.5 *Backup Copies of Documentation should be Shall Be Restricted:*

6.5.1 All patient care

6.5.1 When healthcare documentation that is backed up-s, retain the original and protect it in accordance with the applicable state and federal regulations. Restrict backup copies of such documentation as to retention time and accessibility. Backup documentation should be maintained accessibility, and protect them in a locked storage unit which has restricted access. accordance with the applicable state and federal regulations.

6.5.2 If offsite transcription backup is done, the policy for offsite storage, retention access, destruction, and disposal should shall be disclosed in writing and agreed upon by all involved parties. For additional guidance, see Guide E 1959.

6.6 *Delivery Distribution of Patient Care Healthcare Documents should be Shall Be Protected:*

6.6.1 When any electronic technology is used to deliver patient care documentation should distribute healthcare documentation, it shall be on dedicated telephone lines and should be secured when not done in use in order a secure manner appropriate to reduce the risk of unauthorized access to computer files. technology and in accordance with state and federal

~~regulations. Access should~~ shall be obtained by a unique identifier to protect against unauthorized access and inappropriate changes being made to documents.

6.6.2 Text files ~~should~~ of individually identifiable healthcare documentation shall not be transmitted into equipment such as remote printers or fax machines unless sender and receiver take precautions to secure the data and to ensure that no unauthorized party may have or obtain access to it. ~~Receipt of data should be immediately acknowledged to the sender. it.~~

6.6.3 All ~~patient~~ individually identifiable health information stored on ~~computer diskettes, portable hard drives, CD-ROMs, and other forms any form~~ of portable storage media ~~containing patient health information should~~ shall be encrypted and ~~delivered distributed~~ directly to authorized personnel.

~~6.6.4 Patient care~~

6.6.4 Healthcare documentation that is ~~delivered distributed~~ by courier ~~should~~ shall be secured in a locked opaque container and ~~should shall be delivered distributed~~ only to a prearranged authorized receiver. ~~It should shall~~ not be dropped off in an unattended area, such as hallway or outside a door. Receipt shall be acknowledged.

6.6.5 The Internet, intranets, e-mail, ~~fax equipment,~~ and similar public media ~~should~~ shall not be used to transmit or store ~~patient care healthcare~~ documentation or other identifiable personal information unless sender and receiver agree that data will be transported and stored in this manner and adequate precautions, such as encryption of all voice and data files, have been taken to secure the data and to ensure that no unauthorized access is allowed. Protection of individually identifiable health information is paramount regardless of the technology used.

6.6.6 ~~P~~Individually identifiable healthcare documentation ~~should shall~~ be transmitted by fax only when the sender and receiver ~~have taken take~~ precautions to ensure that receipt will be by an authorized receiver in a secure the data and to environment that will ensure that no unauthorized party may have access to it.

~~6.7 Transcription Storage and Retention:~~

6.7.1 Transcription ~~should shall~~ be stored only for the length of time necessary to complete, review, and correct documentation. ~~The data contained on tapes, disks, digital storage, optical disks, CDs, microfiche, salvage utilities, and other media containing patient individually identifiable health information should shall~~ be carefully destroyed, erased, or deleted in a manner that prevents recovery by unauthorized ~~persons or properly erased when no longer needed: persons.~~ Transcribed tapes ~~should shall~~ not be reused until erased.

6.7.2 Copies of individually identifiable health information ~~should shall~~ not be retained any longer than necessary, and access during retention ~~should shall~~ be restricted and documented. After documents have been ~~delivered distributed~~ to the ~~computer-based patient~~ electronic health record or other system and have been appropriately backed up, verified, and validated, they ~~should shall~~ be permanently removed from the transcription system and no copies retained.

6.8 ~~Discarding or Destroying Paper~~—Destruction of printed material containing ~~patient~~ individually identifiable health information ~~should shall~~ be done in a manner that prevents recovery (for example, shredding).

6.9 ~~Release of Information is Restricted~~—Except as authorized by institutional policies and procedures, and consistent with the law, medical transcriptionists ~~should shall~~ not release ~~patient care healthcare~~ information. If a transcriptionist is unsure as to whether the release of ~~any patient healthcare~~ information is lawful or authorized, ~~he or she should not release the information shall~~ not be released and ~~should refer the request shall be referred~~ to the appropriate authority.

~~6.10 Medical Transcription Students:~~

6.10.1 Medical transcription students or others who are serving externships or are participating in other on-the-job educational projects ~~should be informed of policies and procedures shall receive instruction during the orientation phase regarding confidentiality, privacy, and security of patient care documentation and should sign statements confidentiality obligations.~~ These individuals shall acknowledge that ~~confirm~~ they have been informed about and will fulfill their ~~obligation~~ to protect security and maintain confidentiality by signing statements of understanding and commitment to such policies, agreement at the time that access privileges are granted and at regularly scheduled reviews. For additional guidance, see Guides E 1986 and E 1988.

6.10.2 Actual ~~p~~ healthcare dictation, or reports, or ~~both should both,~~ shall not be used for education, testing, or demonstration purposes.

NOTE 2—Actual healthcare dictation or reports could be used for education, testing, or demonstration purposes, after all ~~identifying individually identifiable healthcare~~ information has been ~~removed prior to release by removed,~~ as provided in the ~~facility, service, or provider.~~ HIPAA Privacy Rule. For additional guidance, see Public Law 104–191, section 164–514.

6.11 ~~Individually Identifiable Information Should be Shall Be Restricted to Demographic Sections of Reports and should not be Shall Not Be Included Within the Narrative Portion of Reports—:~~

6.11.1 Individually identifiable information ~~should shall~~ be removed from documents prior to access by researchers, statisticians, and others not responsible for ~~patient care.~~ Removal healthcare. This shall include removal of the patient’s name, employer, Social Security number, address, telephone number, names of relatives, and any other identifying information from within the demographic or narrative portions of reports should be ensured. such reports.

7. Keywords

7.1 confidentiality; dictation; documentation; individually identifiable health information; medical transcription; security

RELATED MATERIAL

ASTM Standard Guide E 1987 for Individual Rights Regarding Health Information²

ASTM Standard Guide E 2086 for Internet and Intranet Healthcare Security²

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