NOTICE: This standard has either been superseded and replaced by a new version or withdrawn.
Contact ASTM International (www.astm.org) for the latest information

Designation: E 2457 – 06

An American National Standard

Standard Terminology for Healthcare Informatics[1]

This standard is issued under the fixed designation E 2457; the number immediately following the designation indicates the year of original adoption or, in the case of revision, the year of last revision. A number in parentheses indicates the year of last reapproval. A superscript epsilon (ε) indicates an editorial change since the last revision or reapproval.

1. Scope

1.1 This terminology is intended to name and document the principal concepts, and their associated terms, that are utilized in the healthcare information domain and all of its specialized subdomains. It is applicable to all areas of healthcare about which information is kept or utilized. It is intended to complement and utilize those concepts already identified by other national and international standards bodies. It will identify alternate accepted terms for the same concept and its elected term. Its terms are intended to clarify and simplify usage in the dialog and documentation about the concepts, processes and data that are used to schedule, conduct and manage all phases of healthcare. This common usage will improve the quality and management of all facets of healthcare by means of explicit information used in referring to each of these facets. These health informatics terms have been collected here specifically in order to facilitate the consistent use of common concepts in informatics standards development and use throughout healthcare. A separate process from this standard that is described in ISO 15188 will manage the approval of biomedical and healthcare terms.

1.2 *This standard does not purport to address all of the safety concerns, if any, associated with its use. It is the responsibility of the user of this standard to establish appropriate safety and health practices and determine the applicability of regulatory limitations prior to use.*

2. Referenced Documents

2.1 *ASTM Standards:* [2]

E 1239 Practice for Description of Reservation/Registration-Admission, Discharge, Transfer (R-ADT) Systems for Electronic Health Record (EHR) Systems

E 1284 Guide for Construction of a Clinical Nomenclature for Support of Electronic Health Records[3]

E 1384 Practice for Content and Structure of the Electronic Health Record (EHR)

E 1633 Specification for Coded Values Used in the Electronic Health Record

E 1869 Guide for Confidentiality, Privacy, Access, and Data Security Principles for Health Information Including Electronic Health Records

E 1985 Guide for User Authentication and Authorization

E 1986 Guide for Information Access Privileges to Health Information

E 1987 Guide for Individual Rights Regarding Health Information

E 2087 Specification for Quality Indicators for Controlled Health Vocabularies

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

2.2 *CEN Standards:*[4]

EN-12017 Medical Informatics Vocabulary (MIVoc)

EN-12264 Categorical Structure of Syntax of Concepts—Model for Representation of Semantics (MOSE)

2.3 *ISO Standards:*[5]

ISO 704 Principles and Methods of Terminology

ISO/DIS 860 International Harmonization of Concepts and Terms

ISO/DIS 1087-1 Terminology—Vocabulary—Part 1 Theory and Application

ISO/DIS 1087-2 Terminology—Vocabulary—Part 2 Computer Applications

ISO 2382/4 Information Technology—Vocabulary—Organization of Data

ISO 10241 Terminology—Standards Representation and Layout

ISO 12200 Terminology—Computer Applications—Machine Readable Terminology Interchange Format

ISO/IEC 12207 Life Cycle Processes

ISO 12620 Terminology—Computer Applications—Data Categories

ISO 15188 Project Management Guidelines for Terminology Interchange Format

2.4 *Other Documents:*

[1] This terminology is under the jurisdiction of ASTM Committee E31 on Healthcare Informatics and is the direct responsibility of Subcommittee E31.35 on Healthcare Data Analysis.

Current edition approved July 17, 2006. Published March 2006.

[2] For referenced ASTM standards, visit the ASTM website, www.astm.org, or contact ASTM Customer Service at service@astm.org. For *Annual Book of ASTM Standards* volume information, refer to the standard's Document Summary page on the ASTM website.

[3] Withdrawn.

[4] Available from European Committee for Standardization (CEN), 36 rue de Stassart, B-1050, Brussels, Belgium.

[5] Available from American National Standards Institute (ANSI), 25 W. 43rd St., 4th Floor, New York, NY 10036.

Copyright © ASTM International, 100 Barr Harbor Drive, PO Box C700, West Conshohocken, PA 19428-2959, United States.

American National Standard Dictionary of Information Technology (ANSDIT) http:/www.incits.org
CEN PrENV 11994 Medical Informatics Vocabulary
GALEN Generalized Architecture for Language, Encyclopedias and Nomenclatures in Medicine: Univ. of Manchester
IEEE 610.5 Glossary of Data Management
Unified Medical Language System (UMLS) Knowledge Sources National Library of Medicine 7th Experimental Edition January 1996

3. Significance and Use

3.1 This standard vocabulary is intended to be used as a reference about terms used in standards for healthcare informatics and in general discussions about informatics issues relating to the healthcare sector, including: clinical care, resource management, policy, clinical or health services research or biomedical research in basic or applied areas of science that refer to the healthcare sector. It contains "Elected Terms" rather than the "Preferred" terms used in the terminologic literature. This is a usage coined within the CEN TC-251 community to reflect the fact that there is consensus agreement on the usage of a particular form rather than an imposition. This consensual agreement to usage better reflects the incentives for common usage rather than mandates. Alternate forms (Synonymy) of an elected term exist and are cataloged for the same concept, in accordance with ISO/DIS 1087-1, ISO 704, ISO 12620, and EN-12017, ISO/DIS 860, EN-12264, and ANSDIT.

3.2 The system used to classify these terms is in the full context of all of the terminology of biomedicine, as well as about the healthcare system itself as it is used throughout the health domain. It has drawn on the terms used in both EN-12017 and in UMLS for biomedicine (Guide E 1284, Specification E 1633, ISO 12200, GALEN). The coding scheme described in Section 5 used to represent this classification was developed for this terminology from the Unified Medical Language System documentation produced by the National Library of Medicine.

4. Terminology

4.1 *Vocabulary about Vocabulary*—This section lists those terms used for vocabulary in this document which do not appear in the above referenced standards; however, the following general terms in ISO/DIS 1087-1 are included for understanding:

4.2 *ISO/DIS 1087-1 Terms:*

admitted term—term accepted as a synonym for a preferred term by an authoritative body.

designation—representation of a concept by linguistic or non-linguistic means.

DISCUSSION—In terminologic work, Symbols and Terms are the two designations.

glossary—document that contains a list of terms from a subject field and their designations.

preferred term—term recommended by an authoritative body.

special language—language for special purposes.

technical dictionary—dictionary of terminologic entries or designation-related information, from one or more specific subject fields.

term—designation consisting of one or more words which denote a given concept in a special language (language for special purposes).

terminology—set of terms belonging to one special language.

vocabulary—technical dictionary that contains designations and definitions from one or more special subject fields.

4.3 *Definitions of Terms Specific to This Standard:*

candidate term—that form which has been submitted to the reference body for election as that to be used in data interchange and in situations requiring wide understanding but which has not yet achieved that election.

data element—*(1)* named unit of data that, in some contexts, is considered indivisible and in other contexts may consist of data items; and *(2)* a named identifier of each of the entities and their attributes that are represented in a database. **ANSI X3.172-1990**

data item—named component of a data element; usually the smallest component. **ANSI X3.172-1990**

data value—instance of a data item. **ANSI X3.172-1990**

elected term—that form which is rapidly and fully understood as representing the defined concept and which has been agreed by consensus that it will stand for that concept in the wide majority of situations where that concept is noted.

lexicon—collection of terms used in a particular profession or subject area.

4.4 *Acronyms:*

ANSI HITSP—American National Standards Institute Health Information Technology Standards Panel

CEN—Committee European Normalization

HL7—Health Level Seven

ISO—International Standards Organization

SDO—Standards Developer Organization

5. Classification Schema

5.1 The rationale for placement of healthcare informatics terms within an existing schema involves combination of concepts given in EN-12017 with that of the Semantic Types used in UMLS (v-7, p. 30) by adding groups and subgroups from EN-12017 to new sub categories in UMLS. The locations of these insertions are shown as follows:

EN 12017 classification shown in ( )
Extensions to UMLS Semantic Type in **Bold**

A. Entity
2. Conceptual entity
1. Idea or Concept
2. Finding
3. Organism Attribute
4. Intellectual Product
5. Language
6. Occupation or Discipline
1. Biomedicine Occupation or Discipline
2. Professional, Service, Administrative, Agricultural or Manufacturing Occupation
7. Organization (1.2.3)
1. Healthcare related organization
1. Healthcare-delivery organization (1.2.3.1)
2. Issuing organization (1.2.3.2)
3. Registration authority (1.2.3.3)
4. Sponsoring authority (1.2.3.4)

iTeh Standards (https://standards.iteh.ai) Document Preview

5. Healthcare Facility
2. Professional Society
3. Self-help or relief organization
4. Healthcare party (1.2.4)
1. Laboratory service provider (1.2.4.1)
2. Laboratory service requester (1.2.4.2)
3. Subject of Investigation (1.2.4.3)
4. Consent (1.2.4.4)
5. Healthcare accountability (1.2.5)
1. Contract
2. Management
3. Professional License
6. Healthcare Enterprise (1.2.7.1)
1. Healthcare enterprise constituencies (1.2.7.1.1)
2. Healthcare enterprise dimensions (1.2.7.1.2)
3. Healthcare enterprise view (1.2.7.1.3)
7. Organizational policies (1.2.7.2)
8. Organizational strategies (1.2.7.3)
8. Group attribute
9. Group
1. Professional or Occupational Group
1. Healthcare Players (1.2)
1. Healthcare professionals (1.2.2)
1. Healthcare practitioner (1.2.2.1)
2. Healthcare workers
2. Population
3. Family
4. Age
5. Patient or Disabled Group
1. Individual Patient
10. Resources (1.3)
1. Healthcare Informatics (1.3.1)
1. Health Information Technology (1.3.1.1)
1. Health Information Technology Components (1.3.1.1.1)
2. Healthcare Technology (1.3.2)
1. Health technology components (1.3.2.1)
2. Interventional equipment (1.3.2.2)
3. ECG Devices (1.3.2.3)
4. Safety (1.3.2.4)
3. Healthcare System/Setting
11. Informatics (2.)
1. Informatics Basics (2.1)
1. Terminology (2.1.1)
1. Concept (2.1.1.1)
1. Concept Type (2.1.1.1.1)
2. Concept System (2.1.1.1.2)
3. Composite Concept (2.1.1.1.3)
4. Type of Modifier (2.1.1.1.4)
2. Characteristic (2.1.1.2)
3. Term (2.1.1.3)
4. Object (2.1.1.4)
2. Modelling (2.1.2)
1. Information Domain (2.1.2.1)
2. Functional Domain (2.1.2.2)
3. View (2.1.2.3)
4. Modeling Technique (2.1.2.4)
2. Information Systems (2.2)
1. Information System (2.2.1)
2. Information (2.2.2)
3. Data Security (2.2.3)
1. Confidentiality (2.2.3.1)
2. Privacy (2.2.3.2)
3. Cryptography (2.2.3.3)
4. Access Control (2.2.3.4)
5. Data Availability (2.2.3.5)
6. Data Integrity (2.2.3.6)
7. Security Audit (2.2.3.7)
8. Security Policy (2.2.3.8)
9. Threat (2.2.3.9)
10. Physical Security (2.2.3.10)
3. Processes (2.3)
1. Data access (2.3.1)
2. Imaging (2.3.2)
3. Communication (2.3.3)
4. Measurement (2.3.4)
4. Devices (2.4)
1. Intermittently Connected Device (2.4.1)
2. Healthcare Person Device (2.4.2)
3. Electronic Healthcare Cards (2.4.3)
5. Data (2.5)
1. Data types (2.5.1)
2. Data structures (2.5.2)
3. Codes (2.5.3)
4. Record (2.5.4)
1. Healthcare record (2.5.4.1)
5. Register (2.5.5)
6. Healthcare statistics (2.5.6)
7. ECG Data (2.5.7)
B. Event
1. Activity
3. Occupational Activity
1. Healthcare Activity (1.1)
1. Healthcare Service (1.1.1)
1. Diagnostic Procedure (1.1.1.1)
1. Investigation (1.1.1.1.1)
1. Laboratory Examination (1.1.1.1.1.1)
2. Therapeutic/Preventive Procedure
1. Surgical Deed (1.1.1.2)
2. Nursing Procedure (1.1.1.3)
3. Administrative service
4. Clinical Service
2. Ancillary Service (1.1.1.2)
3. Telemedicine (1.1.1.3)
4. Healthcare Scheduling/appointing (1.1.2)
5. Clinical Orders (1.1.3)
1. Laboratory service order (1.1.3.1)
6. Quality assurance (1.1.4)
2. Research Activity
3. Governmental or Regulatory Activity
4. Educational Activity
2. Phenomenon or Process
1. Anthropogenic phenomenon
2. Natural phenomenon
1. Biologic Function
1. Physiologic Function
2. Pathologic Function

iTeh Standards
(https://standards.iteh.ai)
Document Preview
ASTM E2457-06
https://standards.iteh.ai/catalog/standards/sist/58919bbd-5c1f-495b-adb4-0d24c092c3/astm-e2457-06

6. Terms and Definitions: Current Elected Terms

6.1 Annex A1 contains the entries currently elected by the subcommittees of ASTM Technical Committee E31 and submitted to other SDOs of the ANSI HITSP. Terms not fully agreed upon by these bodies are also listed in the next section on candidate terms. This Elected term list is prepared according to ISO 10241. A number of terms come from the CEN Standard EN-12017 MIVOC.

7. Terms and Definitions: Candidate Terms

7.1 Annex A2 includes that list of candidate terms (without definitions) for which full consensus has not yet been reached but which are widely used either in the elected or alternate forms. Continuing work is underway to elect the form which is intended to be that widely recognized for the defined concept. Upon election, the term entry (with elected definition) will be transferred to Annex A1. Candidate terms are further classified in Appendix X1 by the taxonomy given in 4.1.

8. Keywords

8.1 healthcare information domain; health informatics; terminology; vocabulary

ANNEXES

(Mandatory Information)

A1. ELECTED TERMS

NOTE A1.1—No terms yet Elected.

A1.1 Term Sources

1. CEN PrENV 11994
2. EN-12017
3. CEN Global Glossary
4. AHIMA Glossary
5. Andover Working Group Glossary
6. DoD Glossary
7. Practice E 1384
8 Practice E 1239
9. Guide E 1869
10. Institute of Medicine 1991 rev 1997
11. International Vocabulary of Metrology (VIM)
12. ISO/DIS 1087 Terminology—Vocabulary—Theory and Application
13. ISO 2382-4 Information Processing Systems—Vocabulary
14. IEEE 610.12 Glossary of Software Engineering
15. CPRI
16. Guide E 1985
17. Specification E 2147
18. Guide E 1986
19. Guide E 1987
20. ISO/IEC 12207
21. IEEE 610.5
22. Zachman 1987
23. Glaser 2002
24. Terminology E 2457
25. TC-215 WG3
26. ISO/DIS 1087-1
27. ISO/DIS 1087-1 CANDIDATE
28. Specification E 2087
29. IS 704 Terminology Work–Principles and Methods
30. IDEF5 Method Report 1994

A2. CANDIDATE TERMS

A2.1 Terms

access	Source 3
access control	Source 2
access control list	Source 16
accountability	Source 2
accreditation	Source 6
acquiring cardiograph	Source 2
activity	Source 2
additional diagnosis	Source 6
admission	Source 2
admission-discharge-transfer subsystem	Source 2
admitting diagnosis	Source 7
agent	Source 2
alert	Source 3
alerting system	Source 2
ambulatory care	Source 7
ambulatory care clinic	Source 6
ambulatory care information system	Source 2
ambulatory surgery center	Source 7
ambulatory surgery program	Source 6
analytic form	Source 2
ancillary service	Source 2
ancillary service visit	Source 7
ancillary services information system	Source 2
appointment scheduling system	Source 2
Arden syntax	Source 3
ASN.1 encoding rules	Source 2
asymmetric authentication method	Source 2
attending physician	Source 6
audit log	Source 17
audit trail	Source 2
authenticate	Source 6
authentication	Source 3
authorization	Source 4
authorize	Source 9
base concept	Source 2
bed, available	Source 6
bed, operating	Source 6
bedside workstation	Source 2
bed census	Source 2
birth certificate	Source 6
bit	Source 2
bitstring type	Source 2
board-certified	Source 6
Boolean type	Source 2
boundaries	Source 15
calibration	Source 3
care	Source 4
case mix	Source 2
census	Source 2
certification	Source 6
change-management view	Source 2
character	Source 2
character set	Source 2
chief of service	Source 6
classification	Source 3
clinic	Source 7
clinic outpatient	Source 8
clinical data centers	Source 9
clinical decision support system	Source 2
clinical information	Source 2
clinical investigation	Source 3
clinical laboratory information management system	Source 2
clinical observation	Source 3
clinical order	Source 2
clinical privileges	Source 6
clinical status	Source 2
clinician	Source 6
code meaning	Source 2
coding	Source 3
code value	Source 2
coded set	Source 2
coding	Source 3
coding scheme	Source 2
combinatorial rule	Source
comorbidity	Source 6
complication	Source 6
component	Source 5
component concept	Source 1
composite concept	Source 1
computer assisted diagnosis	Source 2
computer based patient record	Source 10
computer-assisted information system	Source 2
computer-based information system	Source 2
computerised information system	Source 2
concept model	Source 15
concept system	Source 2
concept type	Source 2
concept type (essential)	Source 2
confidentiality	Source 2

iTeh Standards
(https://standards.iteh.ai)
Document Preview
ASTM E2457-06
https://standards.iteh.ai/catalog/standards/sist/...-astm-e2457-06

consent	Source 2
consultant	Source 6
consultation	Source 6
consultation system	Source 2
contract	Source 2
conversion (of the form of a composite concept)	Source 2
coordinated universal time	Source 2
corporate security policy	Source 2
cost benefit analysis	Source 3
cost containment	Source 3
cost effectiveness analysis	Source 3
critiquing system	Source 2
cryptographic key	Source 2
cryptographic system	Source 1
data availability	Source 2
data confidentiality	Source 2
data element	Source 13
data entity	Source 3
data integrity	Source 2
data interchange	Source 5
data mining	Source
data origin authentication	Source 2
data repository	Source
data security	Source 2
data warehouse	Source
database	Source
database security	Source 17
dead on arrival	Source 6
death certificate	Source 6
decision support system	Source 3
delivery	Source 6
delivery room	Source 4
demographic information	Source 3
dental assistant	Source 6
dental hygienist	Source 6
dentist	Source 6
design view	Source 1
diagnosis	Source 2
diagnosis related group	Source 2
dictionary	Source 3
digital signature	Source 2
dimension	Source 15
direct object	Source 2
discharge	Source 2
disclosure	Source 9
disease	Source 8
disposition	Source 8
domain (for a semantic link)	Source 2
domain information model	Source 2
domiciliary care	Source 6
ECG interpretive device	Source 2
ECG median beat	Source 2
ECG overreading	Source 2
ECG record	Source 2
ECG residual data	Source 2
ECG rhythm data	Source 2
ECG section	Source 2
electronic healthcare personnel card	Source 2
electronic healthcare prepayment card	Source 2
electronic healthcare professional card	Source 2
electronic patient card	Source 2
electronic patient insurance card	Source 2
emergency	Source 18
emergency outpatient	Source 8
emergency services	Source 7
encounter	Source 7
enrollment	Source 6
enterprise	Source 2
entity authentication	Source 2
episode	Source 7
erasure	Source 2
execution environment view	Source 2
expert system	Source 3
extent	Source 2
external disclosure	Source 9
folder	Source 2
framework	Source 2
general message description	Source 2
generalization/specialization dimension	Source 2
generic component	Source 2
generic property	Source 2
generic quantity	Source 2
generic system	Source 2
generic view	Source 2
glossary	Source 3
health	Source 4
health information	Source 9
health maintenance organization	Source 7
health promotion	Source 6
healthcare	Source 3
health information network	Source
healthcare administrative information	Source 2
healthcare center information system	Source 2
healthcare coding scheme	Source 2
healthcare coding scheme designator	Source 2
healthcare coding scheme specification	Source 2
healthcare enterprise	Source 2
healthcare enterprise constituencies	Source 2
healthcare enterprise dimension	Source 2
healthcare enterprise view	Source 2
healthcare informatics	Source 2
healthcare information	Source 2
healthcare information framework	Source 2
healthcare information system	Source 2
healthcare organization	Source 2
healthcare party	Source 2
healthcare person device	Source 2
healthcare procedure	Source 3
healthcare professional	Source 2
healthcare record	Source 9
healthcare service	Source 2
healthcare subdomain information system	Source 2
healthcare technology	Source 2
healthcare technology components	Source 2
home health care	Source 7
hospice	Source 7
hospital	Source 7
hospital information system	Source 2
human anatomy	Source 2
intermittently connected device	Source 2
ICD application system	Source 2
ICD connecting unit	Source 2
ICD interface	Source 2
image	Source 2
image enhancement	Source 6
image interchange	Source 6
image management and communication system	Source 2
imaging modality	Source 2
imaging procedure, medical	Source 2
implementable message specification	Source 2
implementation view	Source 2
identifier	Source 14
implementable message specification	Source 2
implementation view	Source 2
incidence	Source 6
indirect object	Source 2
inference	Source 9
informatics	Source 3
information	Source 3
information model	Source 5
information modelling	Source 3
information object (concept)	Source 2
information system	Source 2
information system for inpatients	Source 2
information technology components	Source 2
informational privacy	Source 9
informed consent	Source 6
injury	Source 6
inpatient	Source 6
inpatient admission	Source 7
inpatient record	Source 2
intensive care	Source 6
interchange format	Source 2
intermediate care	Source 6
intermediate care facility	Source 4
intern	Source 6

iTeh Standards
(https://standards.iteh.ai)
Document Preview
ASTM E2457-06
https://standards.iteh.ai/catalog/standards/sist/...-astm-e2457-06

internal disclosure	Source 19
intersections	Source 15
intervention information	Source 2
interventional equipment	Source 2
issuing organization (of a healthcare coding scheme)	Source 2
key management	Source 2
kind-of-property	Source 2
kind-of-quantity	Source 2
laboratory examination	Source 2
laboratory investigation	Source 3
laboratory service order	Source 2
laboratory service provider	Source 2
laboratory service report	Source 2
laboratory service requester	Source 2
laboratory test	Source 2
length of stay	Source 7
licensed practitioner	Source 7
licensure	Source 6
longitudinal patient record	Source 10
longterm care	Source 7
major industry identifier	Source 2
manual information system	Source 2
medical procedure	Source 2
medical services	Source 6
medical staff	Source 6
medical student	Source 6
message profile	Source 2
message syntax	Source 2
message type	Source 2
metathesaurus	Source 3
minimal care	Source 6
minimum basic data set	Source 2
minimum characteristics	Source 15
morbidity	Source 6
mortality	Source 6
multiaxial classification	Source 2
narrative summary	Source 6
next of kin	Source 6
non-licensed practitioner	Source 7
normalized objects	Source 2
nosocomial	Source 6
nurse	Source 6
nursing	Source 6
nursing care plan	Source 2
nursing diagnosis	Source 2
nursing information system	Source 2
nursing procedure	Source 2
nursing record	Source 2
object class identification number	Source 2
occupancy rate	Source 6
occupational healthcare information system	Source 2
occupational illness	Source 6
occupational therapist	Source 6
operating room	Source 4
order entry system	Source 2
organization view	Source 2
outpatient	Source 8
outpatient record	Source 2
partial view	Source 2
particular property	Source 3
particular quantity	Source 3
particular view	Source 2
patient	Source 2
patient billing system	Source 2
patient booking system	Source 2
patient administration system	Source 2
patient information system	Source 2
patient record system	Source 7
pattern recognition	Source 3
physical security	Source 2
physical therapist	Source 6
physician	Source 6
physician's assistant	Source 6
physiological monitoring	Source 2
point-of-care system	Source 2
policies/strategies view	Source 2
prevalence	Source 6
primary diagnosis	Source 7
primary record of care	Source 7
principal procedure	Source 6
privacy	Source 3
private healthcare services information system	Source 2
private practice information system	Source 2
problem domain	Source 2
problem-oriented medical record	Source 2
professional license	Source 2
property (in a general sense)	Source 3
protocol	Source 6
provider	Source 7
quality assessment	Source 3
quality assurance	Source 2
quantity (measurable or physical)	Source 11
radiotherapy information system	Source 2
reference model	Source 3
referral system	Source 2
register of healthcare coding schemes	Source 2
registration authority (for healthcare coding schemes)	Source 2
registry	Source 2
requested investigation	Source 2
requirements	Source 3
requirements view	Source 2
resource view	Source 2
result line	Source 2
risk management	Source 2
secondary diagnosis	Source 7
secondary patient record	Source 9
security	Source 3
security audit	Source 2
security policy	Source 2
semantic link	Source 2
semantics	Source 6
sequence type	Source 2
sequence-of-type	Source 2
seriously ill	Source 6
service class	Source 2
service protocol	Source 2
services	Source 4
set type	Source 2
set-of-type	Source 2
simple type	Source
skilled nursing facility	Source 4
soft network	Source 2
specifying concept	Source 2
sponsoring authority (for healthcare coding schemes)	Source 2
stepwise derivation	Source 2
stepwise generation	Source 2
stepwise particularization	Source 2
structure (of a concept system)	Source 2
structured type	Source 2
subject field	Source 2
subject of (laboratory) investigation	Source 2
subordinate concept	Source 2
superordinate concept	Source 2
surgical deed	Source 2
surgical procedure	Source 3
syntax	Source 3
synthetic form	Source 2
system security	Source 9
systematic name	Source 2
systems security policy	Source 2
technician	Source 3
technologist	Source 3
telemedicine	Source 2
terminology	Source 3
therapeutic procedure	Source 3
three dimensional reconstruction	Source 2
time-oriented medical record	Source 2
top concept	Source 2
transaction log	Source 17
transfer	Source 2
transmitted message	Source 2
treatment	Source 3
tumor registry	Source 6
type of characteristic	Source 2
type or value reference name	Source 2
unit of measurement	Source 2

iTeh Standards
(https://standards.iteh.ai)
Document Preview
ASTM E2457-06
https://standards.iteh.ai/catalog/standards/sist/58919bbd-5e1f-4d8a-a0de24c092c3/astm-e2457-06