

Table 1 Guidelines of selected organizations in the field of privacy and security

ASTM standards	HL7 standards	ISO standards	References
<p>1. E1869-04 (2014) Standard guide for confidentiality, privacy, access, and data security principles for health information including electronic health records.</p>	<p>1. HL7 Clinical document architecture (CDA).</p>	<p>1. ISO/IEEE 11073-10103:2014 Health informatics – Point-of-care medical device communication – Part 10103: Nomenclature – implantable device, cardiac.</p>	<p>(10,12,13)</p>
<p>2. E1985 – 98 (2013) Standard guide for user authentication and authorization.</p>		<p>2. ISO/TS 14441:2013 Health informatics – Security and privacy requirements of EHR systems for use in conformity assessment.</p>	
<p>3. E1714 – 07 (2013) Standard guide for properties of a universal health care identifier (UHID).</p>		<p>3. ISO/TS 21547:2010 Health informatics – security requirements for archiving of electronic health records principles.</p>	
<p>4. E1902-02* Standard specification for management of the confidentiality and security of dictation, transcription, and transcribed health records.</p>		<p>4. ISO/TS 13606-4:2009 Health informatics – electronic health record communication – Part 4: Security.</p>	
<p>5. E1986 – 09 (2013) Standard guide for information access privileges to health information.</p>		<p>5. ISO/TS 17975:2015 Health informatics – principles and data requirements for consent in the collection, use or disclosure of personal health information.</p>	
<p>6. E1987-98* Standard guide for individual rights regarding health information.</p>			
<p>7. E1988-98* Standard guide for training of persons who have access to health information.</p>			
<p>8. E2084-00* Standard specification for authentication of health care information using digital signatures.</p>			
<p>9. E2085* Standard guide on security framework for health care information.</p>			
<p>10. E2086-00* Standard guide for internet and intranet health care security.</p>			
<p>11. E2017 – 99 (2010) Standard guide for amendments to health information.</p>			
<p>12. E1384-07 (2013) Part 2 Standard practice for content and structure of the electronic health record (EHR).</p>			