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CAP STS: A Leader in Laboratory Health Information Management

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Transforming Laboratory Health Information

CAP STS, a division of the College of American Pathologists (CAP), is an expert in health and laboratory standards and IT implementation. Surprised? The CAP has more than 40 years experience in standards development and works with clients worldwide to implement health IT solutions.

Let CAP STS help you streamline your laboratory ordering and reporting processes:

- Build terminology solutions for laboratory order and results standardization
- Integrate LOINC® or SNOMED Clinical Terms® (SNOMED CT®) codes to describe laboratory orders (CPOE) and results
- Leverage use of standards to improve capacity to improve laboratory analytic capabilities
- Apply the rigor of structured data collection for quality reporting
- Maintain terminology and standards going forward
- Educate staff about evolving terminology standards/electronic health records (EHRs) certifications/Meaningful Use

Implementation of often complex standards and classifications is imperative for demonstrating “meaningful use” of EHRs in the laboratory and maximizing ARRA incentives.

CAP STS is an industry leader in health information management, delivering quality work and personalized service to clients worldwide. Our expert team of clinical and technical consultants provides a comprehensive suite of customized consulting services from strategic planning to implementation, validation, maintenance, and education to support all phases of your data interoperability plans to meet Meaningful Use requirements—and help you earn financial incentives.

CAP STS Expertise

- The CAP, a medical society serving more than 17,000 physician members and the laboratory community throughout the world, is considered the leader in laboratory quality assurance.
- The CAP holds more than 40 years of experience in terminology development resulting in the creation of SNOMED CT—a globally recognized, controlled clinical vocabulary.
- CAP STS is the developer of cross mappings to ICD-9-CM, nursing terminologies (NANDA, NIC, NOC, PND, etc), and CPT, as well as laboratory and pharmacy coding schemas (RxNorm).
- CAP STS has industry experience in health information technology and standards development such as DICOM, HL7, IHE, and IHTSDO.
- CAP STS is the originator of the CAP electronic Cancer Checklists (CAP eCC), recognized as a “gold standard” in cancer case summary reporting.

Expert Advice.
Expert Implementation.
Expert Education.

CAP STS (SNOMED Terminology Solutions™), a division of the College of American Pathologists (CAP), is a professional services provider with a diversified service offering related to health IT strategy and planning, clinical health information management, and health care standards. CAP STS is committed to improving patient care through the advancement of interoperable EHRs and works with provider organizations, hospitals, health IT vendors, health information exchange initiatives, universities, research centers, and government agencies throughout the world.

The CAP's DIHIT (Diagnostic Intelligence and Health Information Technology) team advances health IT standards, practices, and tools, such as the CAP Diagnostic Work Station initiative, and standardized electronic reporting, including the CAP electronic Cancer Checklists (CAP eCC).

capsts.org

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CAP STS LOINC Services

LOINC is a standard adopted by HITSP (Healthcare Information Technology Standards Panel), CDISC (Clinical Data Interchange Standards Consortium), NCQA (National Committee for Quality Assurance)/HEDIS (Healthcare Effectiveness Data and Information Set), including HL7 (Health Level Seven), and HL7 CDA (Clinical Document Architecture). See the table below for services CAP STS can offer related to LOINC.

Laboratory Implementation Services for LOINC	Laboratory Informatics and Cross Mapping to Clinical Coding Systems	Laboratory Quality and Performance Improvement	Laboratory Health IT Strategy and Planning
<ul style="list-style-type: none"> • Development of preferred naming standards and user-friendly names for lab applications and databases • Order set (CPOE), test and result mapping, reimbursement, and Meaningful Use incentives • Cross mapping to CPT and SNOMED CT • Education services 	<ul style="list-style-type: none"> • Best clinical care practices and informatics implementation • Validation and quality assurance • Encoded output 	<ul style="list-style-type: none"> • Best practices and informatics assessment and planning • Reporting and quality metrics development • Workflow and exception management • Automated input and output formats and flows 	<ul style="list-style-type: none"> • Health exchange initiatives • Research data standardization • Public health reporting • Terminology services processing • Reference data maintenance

CAP eCC—Advancing the Management and Interoperability of Cancer Data

The CAP Cancer Checklists are recognized as the “gold standard” in cancer case summary reporting worldwide. The new CAP eCC—the electronic version of the updated CAP Cancer Checklists—are now available for licensing and downloading. Its XML (Extensible Markup Language) format allows for the collection of discrete data elements and aids in the retrieval, sharing, and analysis of data for the improvement of patient care. It also supports a broad range of rapidly evolving health information platforms. For more information, contact us at 847-832-7700 or capecc@cap.org.

CAP STS Education

CAP STS also offers terminology and standards education to complement all consulting professional services. CAP STS education—on-site courses, live classroom sessions, Web teleconferences, and self-directed learning—can be delivered at any phase in your organization’s strategic planning, development, implementation, and maintenance plans. CAP STS can help you learn about and build a “go-forward” terminology and standards solution for your laboratory. CAP STS now offers its popular SNOMED CT Basics Web teleconference at no charge! Learning about SNOMED CT can help you become more knowledgeable about the core of health care reform: health professionals collecting and sharing data electronically that they need and can use to help their patients. For more information, please visit the CAP STS education calendar at capsts.org, call 800-323-4040 ext. 7700 or 847-832-7700, or email snomedolutions@cap.org.

The College of American Pathologists is a medical society serving more than 17,000 physician members and the laboratory community throughout the world. It is the world’s largest association composed exclusively of board-certified pathologists and is widely considered the leader in laboratory quality assurance. The College is an advocate for high-quality and cost-effective patient care. For more information, visit capsts.org or write to snomedolutions@cap.org.

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