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CERNER'S INTERNET HOMEPAGE:

<http://www.cerner.com>**NEW CERNER KNOWLEDGE OFFERINGS WILL STANDARDIZE TERMINOLOGY*****Cerner becomes first major health care information technology company
to fully integrate SNOMED CT into its electronic medical record***

KANSAS CITY, Mo. — August 28, 2002—Today's health care is inundated with variance and a lack of standardization. For example, clinicians within the same hospital might use the term 'heart attack' in one wing, while in another wing they might use 'myocardial infarction.' As more and more health care organizations adopt electronic medical records (EMR), this lack of standardization in reporting diminishes the quality and usefulness of the data in the EMR. Cerner Corporation recently signed agreements with two companies that will help its clients structure their clinical knowledge and standardize the care they provide. The agreements also will offer clients greater ease of use in evidence-based medicine.

Cerner signed a licensing agreement with Health Language, Inc. (HLI), to use Cyber+LE as a tool and platform for the development and management of the controlled medical terminology core of Cerner's *Health Knowledge Architecture*[™]. Cyber+LE is designed to allow *Cerner Millennium*[™] solutions to better manage and relate medical information to standard knowledge models.

HLI allows clinicians to make technology adapt to their workflow, rather than forcing clinicians to adapt to technology. Clinicians can maintain their personal and organizational preferences for terminology and not be forced to adhere to a limited list of clinical terms. With the HLI tool, *Cerner Millennium* solutions will provide flexibility for clinicians to use the clinical terms in medical records and documentation with which they are comfortable and familiar. For instance, a lab technician might call an Electrolyte Panel (CPT 80051) a Chem 4, while a nurse might call it a Chemistry Profile and a physician might simply call it Electrolytes. Regardless of the name, HLI will allow *Cerner Millennium* solutions to define and relate these terms to mean the same

thing, an Electrolyte Panel. *Cerner Millennium* solutions will understand that a clinician who has documented myocardial infarction as a diagnosis in one encounter is really expressing the same concept as another clinician who prefers to call the condition MI.

Whether running reports or searches across an electronic medical record, implementing complex decision-support functionality, mapping clinical activities into billing or referencing the clinical reference terminology, SNOMED CT, the HLI language engine, will enable *Cerner Millennium* solutions to relate terms and information between users and across care venues for the most accurate results and robust performance.

“If there’s one thing that will cripple the health care industry, it will be a lack of standardization,” said Paul Gorup, Cerner co-founder and vice president of Cerner’s Knowledge and Discovery organization. “Any IT company can offer tools to combat this problem, but Cerner is unmatched in its ability to integrate a solution such as HLI to aid health care organizations in standardizing their medical terminology. Thanks to our architecture and common database model, we can implement these solutions quickly and more comprehensively, offering our clients access to the latest in evidence-based medicine.”

“We are delighted to participate with Cerner Corporation while they help lead the way to improving the efficacy of clinical and management information systems,” said George T. Schwend, president and chief executive officer of HLI. “The industry has called out for common language solutions and Cerner is answering the call.”

Additionally, Cerner is the first major health care information technology provider to fully integrate SNOMED Clinical Terms® (SNOMED CT®) into its electronic medical record. Cerner signed a licensing agreement with the College of American Pathologists (CAP) for SNOMED CT, which is maintained by SNOMED® International, a division of CAP. SNOMED CT is a comprehensive, multi-lingual health care terminology.

By marrying the terminology of SNOMED with *Cerner Millennium* solutions, clinicians can retrieve, share and aggregate patient information more easily and completely. SNOMED’s standard vocabulary bridges the gap between multiple names used in different departments by different clinicians for the same medical concept.

SNOMED CT is being integrated into *Cerner Millennium* solutions, allowing health information within the electronic medical record to be coded using SNOMED terms. This will make sophisticated searches easier and more complete, with more consistent results.

“Cerner and SNOMED International believe that the use of controlled medical vocabulary is a necessary step toward improving the quality and standardization of health care,” said Diane J. Aschman, chief operating officer of SNOMED International. “Cerner’s choice to integrate SNOMED CT into its product line emphasizes the company’s commitment to the core clinical process and the practice of evidence-based medicine.”

Cyber+LE is a trademark of Health Language, Inc.

SNOMED and SNOMED CT are registered trademarks of the College of American Pathologists (CAP).

Cerner Corporation is the leading supplier of clinical and management information and knowledge systems to more than 1,500 health care organizations worldwide. Cerner is working to transform the health care delivery system by increasing the quality of care, improving efficiencies, eliminating medical error and connecting the individual to the system with innovative information solutions. The following are trademarks of Cerner: Cerner, Cerner’s logo, Cerner Millennium, Health Knowledge Architecture. Nasdaq: CERN, www.cerner.com

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