The Essential Healthcare Information Solution
Knowledge & Information

is the best medicine

The DXS Point-of-Care Information Solution

The DXS Point-of-Care product is an innovative content delivery and management system that focuses on the current information and knowledge demand of healthcare workers and their patients. The software suite consists of a user interface that is installed on a physician’s desktop computer and provides electronic, offline access to vital information on diseases, medicines and auxiliary services for both patient and physician. DXS is the first of its kind worldwide and the diagnostic information is kept current and maintained through an automated daily dial-up process. It is an electronic information and knowledge-enabling system that provides a practical means, by which the spectrum of healthcare knowledge and information content providers can deliver their product directly to the doctor’s desk. DXS currently focuses on delivering medical information within the framework of a systemised matrix based on information categories, deemed to be of the highest importance to practicing physicians. Moreover, the product provides vital and user-friendly information via links to symptom, diagnostic and procedures codes such as ICD, Snomed and Read. This critical feature allows physicians instant access to vital healthcare information at the click of a button.

Instant healthcare information and knowledge when it is needed most

The DXS Solution

Today, the ruling and universal human desire to live longer and enjoy a better quality of life, has found expression in a growing chorus of demands for, among other vital issues, better healthcare. Physicians worldwide now find themselves in the forefront of change. Not only do they contend with a more demanding patient universe, but are also under ever-increasing pressure to better manage the cost of healthcare by National Health Institutions and Health Insurers. This requires doctors to see more patients, manage drug prescribing, work to guidelines, comply with compulsory Continuing Medical Education (CME), educate patients and provide more statistical information. Simultaneously, the doctor-patient relationship is undergoing a significant shift with patients no longer simply taking the doctor’s word on trust. DXS has the solution with a revolutionary technology approach to industry information overload problems, that lightens the physician’s knowledge burden and frees-up valuable time. Time that can be better applied to quality physician-patient encounters.

Instant access to the right information at the all important point-of-care

Whether primary or secondary care, one of the key success factors in managing the cost of healthcare for all is knowledge – and knowledge transfer entails the effective communication of healthcare information to both physicians and patients. Research shows that clear and understandable communication between the health worker and the patient generally leads to more successful healthcare outcomes that include considerable cost savings. In the past, patients have relied mainly on physicians to provide information, and they, in turn, have relied on professional bodies, medical journals, representatives and conferences as their trusted sources of information. With each of these entities producing an ever-increasing range of communication products and artifacts such as journals, books, CD-Roms and web content, already overstretched physicians struggle to come to terms with industry information overload. Today, the real challenge is to determine practical and efficient information delivery mechanisms that seamlessly blend into the demanding and fast-paced physician work-flow process. Instant and unobtrusive access to the right information, at the right time – and that is during the physician-patient encounter – remains a critical element in extracting the real value of knowledge and information available.
A bold new formula for Medical Knowledge & Information Enrichment

The DXS Point-of-Care product is unique in that it is able to instantaneously provide the physician with access to the current and relevant symptom, diagnosis and procedure information which revolutionises traditional research methods during the patient encounter. DXS’ design takes all aspects of prevailing consulting methodology into account and focuses on practicability and user friendliness. Moreover, DXS has been designed to integrate into most EMR and patient billing software packages and shares the physician’s computer screen with the patient’s medical record. Where no EMR or billing system integration is required, the DXS stand-alone product can be used. When a physician has examined a patient and then enters a code (e.g. ICD9, 9CM or 10 from the WHO or Read/SNOMED) into the patient record, DXS finds and instantly delivers specific information that is relevant to the code entered. The DXS’ ability to deliver condition specific information within the context of a patient’s record, is a significant medical information management advancement.

The DXS Point-of-Care product integrates with existing electronic medical record or billing systems.

**DXS POINT-OF-CARE PRODUCT CONTENT CATEGORIES**

The DXS Point-of-Care Product publishes high quality medical information content via a range of licensing agreements with leading local and international healthcare information providers. A unique product feature is its ability to enable multiple, and multilingual content providers, to deliver local and language specific content direct to the physician. The product enables content providers to deliver the following content categories:

**Drugs and Medicines**

Generics and brands categorised by ingredients, pharmacological classification and formularies. Information in literature format can be provided by multiple providers affording the physician a choice. Prices and illustrations may also be included.

**Guidelines and CME**

A comprehensive CME distance learning application containing guidelines, abstracts and full articles as well as latest research with optional attached CME questionnaires. The content is available both on and offline and is designed to fit into the physician’s busy schedule. Content providers have the option of providing the information free or on a subscription basis.

**Patient Education**

Patient leaflets and illustrations on diseases and procedures, and other relevant patient information.

**Patient Support Groups**

Comprehensive listings of support groups, societies and organisations specialising in general health improvement as well as illness-specific objectives. Access to contact details for specialists, complementary healthcare providers and health insurers. This section enables these providers to display information about their services by location.

**UNIQUE DXS POINT-OF-CARE PRODUCT FEATURES**

- Easy integration into most EMR or HIS systems
- Instant, offline access to up-to-date electronic information
- Information linked to patient EMR consultation
- Information relevant to the symptom, diagnosis or procedure during the patient encounter
- Code-linked content (ICD, SNOMED, Read)
- Customisable user view and content preference options
- Keywords search and relevant codes association
- Daily automated electronic updates

THE HEALTHCARE IT IMPERATIVE

Today, physicians and healthcare executives are being forced to view information technology as an essential tool in the healthcare domain. Good patient record keeping is essential to the consultative healthcare process. In terms of the physician-patient relationship, the systematic keeping of detailed, problem-oriented and complete records of all encounters, is important to maintain continuity over time, to identify episodes of illness, to create a patient history and to coordinate care, where several care providers are involved. Also, the growing insistence by industry players such as health insurers and regulatory authorities – allied to increasing political and economic pressures – is driving physicians towards a system of mandatory compliance. The DXS Point-of-Care Product provides an information tool that follows relevant content providers to better distribute vital healthcare information at the point-of-care.
How it works
simple • up-to-date • relevant

**Step 1**
Physician opens patient electronic record

**Step 2**
Physician enters diagnosis code into patients electronic record

**Step 3**
Relevant information is filtered into the four windows. Click any of the windows to view information.

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**How it works**

- **Simple**
- **Up-to-date**
- **Relevant**

**Abstracts and full articles**
Abstracts and full articles with CME questionnaires; articles are also categorised by medical discipline and content providers.

**Patient leaflets and illustrations on diseases and procedures and other relevant patient information.**

**DXS automatically connects via the Internet for updates at predetermined times. Ensures current information at all times.**

**Guidelines and CME**
Comprehensive listings of support groups, societies and organisations specialising in general health improvement as well as illness-specific objectives. Access to contact details for specialists, complementary healthcare providers and health insurers. This section enables these providers to display information about their services by location.

**Drugs and Medicine**
Products categorised by ingredients, pharmacological classification and formularies. Information in literature format can be provided by multiple providers, affording physicians a choice. Prices and illustrations may also be included.

**Patient Education**
Patient leaflets and illustrations on diseases and procedures and other relevant patient information.

**Electronic Updating**
DXS automatically connects via the Internet for updates at predetermined times. Ensures current information at all times.

**Services**
Comprehensive listings of support groups, societies and organisations specialising in general health improvement as well as illness-specific objectives. Access to contact details for specialists, complementary healthcare providers and health insurers. This section enables these providers to display information about their services by location.
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