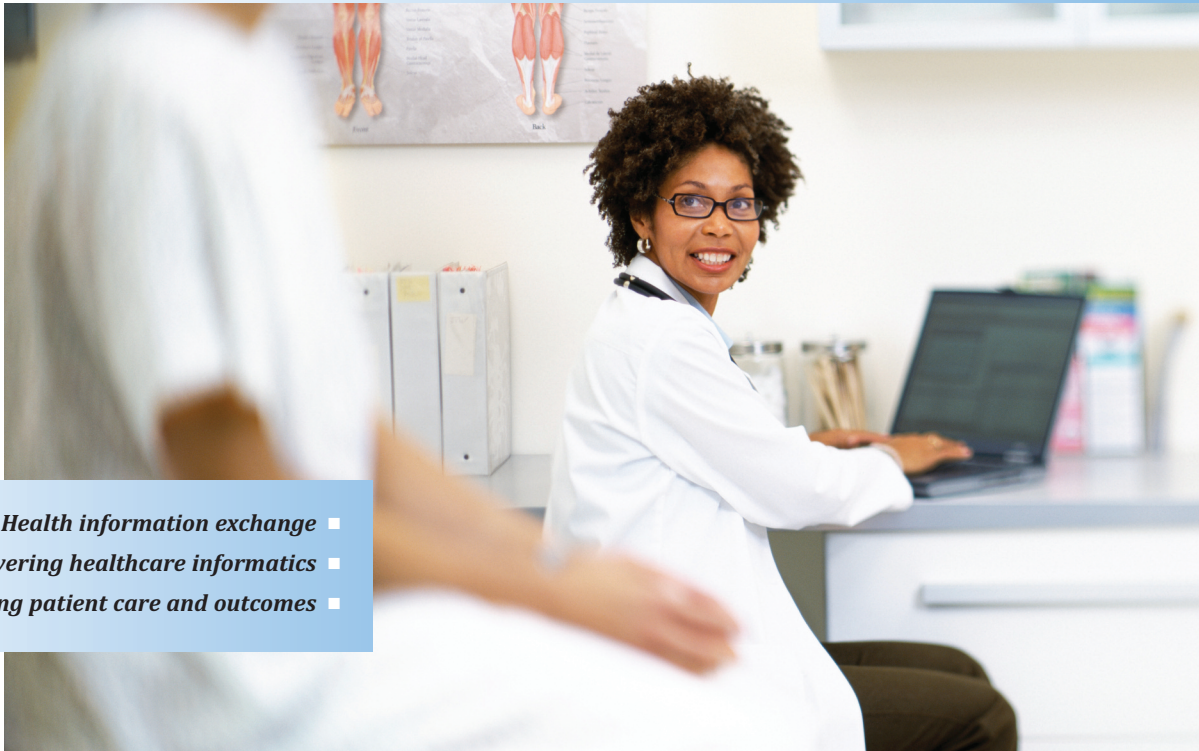


Brooklyn Health Information Exchange



Health information exchange ■
Delivering healthcare informatics ■
Improving patient care and outcomes ■

Brooklyn Health Information Exchange Enables Community-wide EHR Sharing

From its inception, the Brooklyn Health Information Exchange (BHIX) has been focused on electronic health record (EHR) interoperability to facilitate exchanging patient data among the healthcare providers who are stakeholders in this regional health information organization (RHIO). BHIX is a not-for-profit RHIO devoted to facilitating patient-centric care with a network that includes providers who serve the diverse population of 2.5 million Brooklyn residents.

Utilizing the InterSystems HealthShare™ strategic platform for healthcare informatics, BHIX is moving forward with clinical health information exchange (HIE) initiatives. One recent example is a project that involves EHR information sharing between Brownville Multi-Service Family Health Center (BMS) and Brookdale University Hospital and its affiliates. BMS provides high-quality medical, dental and

social services to a patient base that includes 27 percent of Brooklyn's entire high-need population. When necessary, patients are referred to hospitals for specialty care. For example, mothers-to-be receive prenatal, perinatal and postnatal care at BMS. However, for certain tests as well as for when the time comes to deliver the baby, services are provided in part by Brookdale.

Transfer of critical patient information has depended on ongoing exchange via fax, mail, staff or even patients who hand-carry the requisite documents between the two locations. These methods can be unreliable, resulting in poor communication and patient frustration as well as duplication of effort and possible delays in care delivery. Using bidirectional health information exchange via HealthShare-based BHIX, data entered in the BMS and Brookdale source systems is brokered and aggregated by

“Standards-based public health reporting is a major focus in the healthcare sector and we’re pleased to provide an example of how RHIOs can actively participate in delivering critical public health communications throughout a major geography such as the state of New York.”

*Irene Koch
BHIX Executive Director*

BHIX and available in any BHIX-supported locations. At BMS, clinicians will access BHIX data via a single-click query directly through the organization’s EHR. The system is expected to go live in 2Q11 and, over time, it is expected that patient information updates will be event-driven so that

when a birth takes place at Brookdale, for example, the information will be proactively pushed to BMS clinicians rather than waiting for them to enter a query.

The benefits of enabling HIE via BHIX are compelling. First is the improvement in patient care and outcomes that is a result of lowering communication hurdles. In addition, payers are increasingly interested in financially supporting programs that improve outcomes and facilitate care management models of care. And, the

historical data stored and aggregated by BHIX via HIE will make it dramatically easier to deliver the complex reporting required by agencies such as the U.S. Department of Health and Social Services.

Building on projects such as the BMS/Brookdale initiative, BHIX is actively involved in research involving HIE on a larger scale. For example, BHIX recently joined with InterSystems in a demonstration to illustrate linking an operational HIE to public health reporting at the HIMSS 11 conference in Orlando. “RHIOs such as BHIX are the cornerstone of the National Health Information Network,” said Irene Koch BHIX Executive Director. “Standards-based public health reporting is a major focus in the healthcare sector and we’re pleased to provide an example of how RHIOs can actively participate in delivering critical public health communications throughout a major geography such as the state of New York.”

InterSystems Corporation

World Headquarters

One Memorial Drive

Cambridge, MA 02142-1356

Tel: +1.617.621.0600

Fax: +1.617.494.1631

InterSystems.com

InterSystems
HEALTHSHARE™