

Case Study

Cancer Care without Borders

After 100 years of leadership in cancer treatment and research, the oncology specialists of Fox Chase Cancer Center (FCCC) know better than anyone that cancer knows no boundaries. Health information exchange is just the latest innovation in their approach to comprehensive cancer care; expanding and speeding patient access to advanced diagnostics, treatments and clinical trials.

In clinical use and expanding rapidly, the Fox Chase Health Information Exchange (FCHIE) digitally connects the nationally renowned cancer center with its extensive network of partner hospitals and affiliates across the Mid-Atlantic region.

Remote interpretation of advanced oncology imaging such as PET/CT means that patients don't have to leave their community to receive world-class care. It also means that partners can move more quickly to market with the latest diagnostic services, leveraging Fox Chase staff and expertise.

Automated transfer and intake of patient history into Fox Chase's own clinical information systems means streamlined referrals for the most advanced therapies or the latest clinical trials. A globally-accessible Web portal means that referring physicians and, ultimately, patients themselves can have anywhere, anytime access to comprehensive history and results.

Focused on pressing clinical and business drivers today, but with an eye toward an even more connected future, the Fox Chase network is built on MEDDecision's InFrame™ HIE services platform. As such it is a comprehensive implementation of the cross-enterprise interoperability profiles developed and adopted by the world's leading health care IT vendors under the Integrating the Health Enterprise (IHE) banner, including:

- Cross-Enterprise Exchange of Documents (XDS)
- Cross-Enterprise Exchange of Documents for Imaging (XDS-I)
- Patient Identity Cross-Referencing (PIX)
- Patient Demographic Query (PDQ)
- Audit Trails and Node Authentication (ATNA)
- Cross-Enterprise User Assertion (XUA)

Being at the leading edge of cancer care for more than a century requires progressive thinking and an innovative spirit – two obvious hallmarks of FCCC’s success. With InFrame-enabled health information exchange, FCCC brings that approach to an unprecedented dimension by extending its renowned and powerful expertise to the fight against cancer wherever and whenever it is needed.