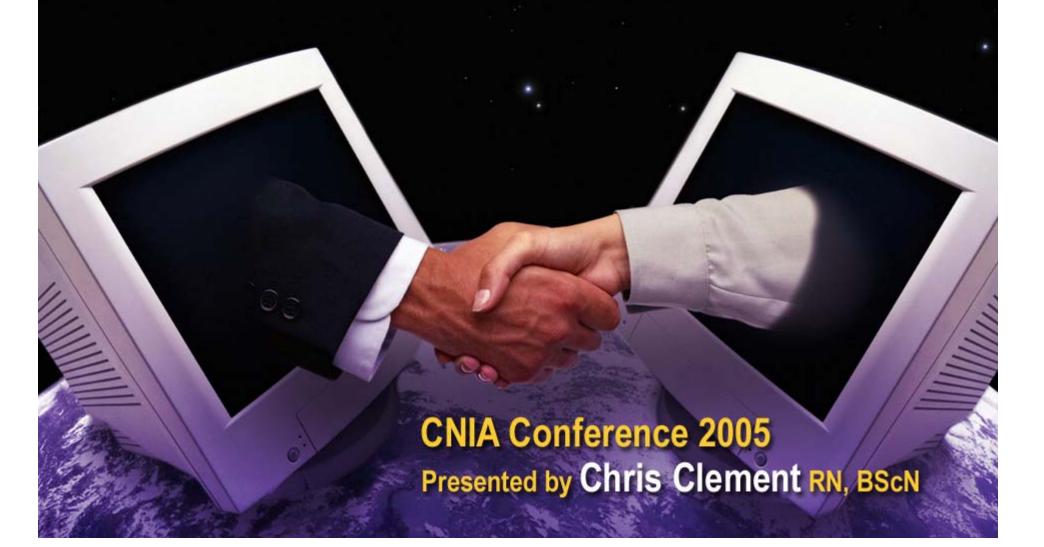


System Integration, no Standardization













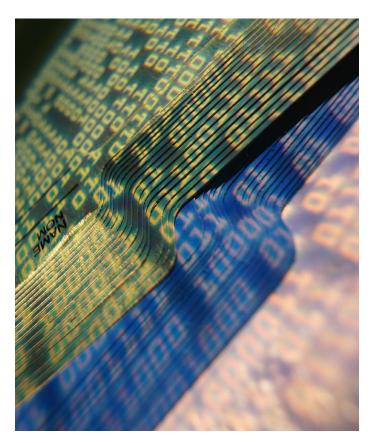
### VCH Demographics

- Acute care is provided in our 14 hospitals and two diagnostic treatment centres.
- Population served: 1,003,150 (25% of BC's population)
- VCH is primarily affiliated with the University of British Columbia and through various programs and services, also associated with numerous provincial, national and international academic institutions.



### CareConnect Mission

To implement the Vancouver Coastal / PHC Electronic Health Records (EHR) strategy.





### **EHR Definition**

### From BC EHR Working Group:

The EHR is not so much a physical entity, data repository or application as it is a capacity to bring pertinent information together in a way that is meaningful for a provider in their care setting.



### **EHR Business Drivers**

#### Why are we doing this?

- An integrated regional EHR is a critical prerequisite to VCH's health system integration strategies and will enable the timely sharing of clinical data
  - between entities, networks, programs and HA's
- Also enables improved patient safety between entities, networks, programs and HA's
  - better access to patient information
- And enables improved patient flow
  - faster decision making through improved information access i.e. patient centric view & single sign on.



### Care Connect Phase 2 Mission

To advance the VCH/PHC electronic health records strategy by *piloting* a number of complementary approaches to providing caregivers with enhanced, integrated, secure access to clinical information throughout VCH/PHC and, in some cases, other health authorities.



### Project Objectives

- To help make informed technology decisions
- To demonstrate real clinical value and potential
- To develop business cases for follow on initiatives

Putting technology into production is not a CC2 objective



### CareConnect Overview

### **Project scope**

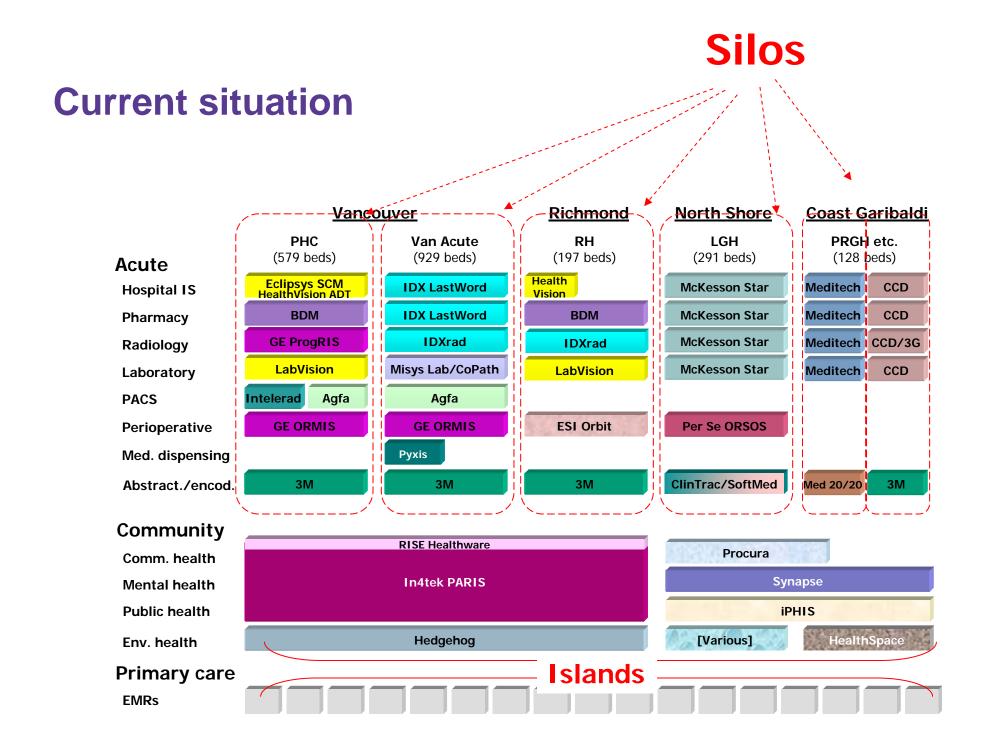


- Diagnostic Image Sharing
- Thin Client, X-Site HIS Access
- Visual integration / Context Management
- Secure remote access to HIS / RIS
- Secure desktop sharing
- Olinical Portal / Patient Encounter Index

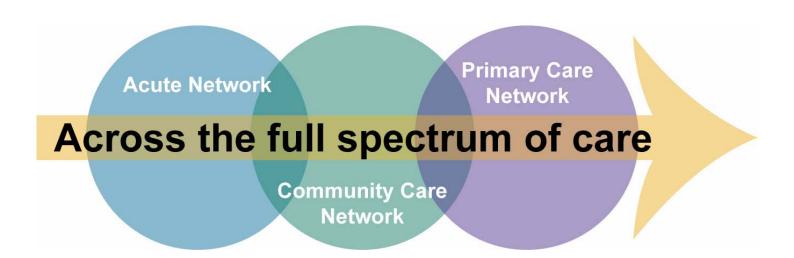


### Current Situation

- Many different clinical systems
- Lack of cross site, cross program, cross network access to patient data
- Little ability to share clinical information
- Lack of a "patient centric" view of information
- Inconsistent data standards and business rules
- Silos & islands of clinical information



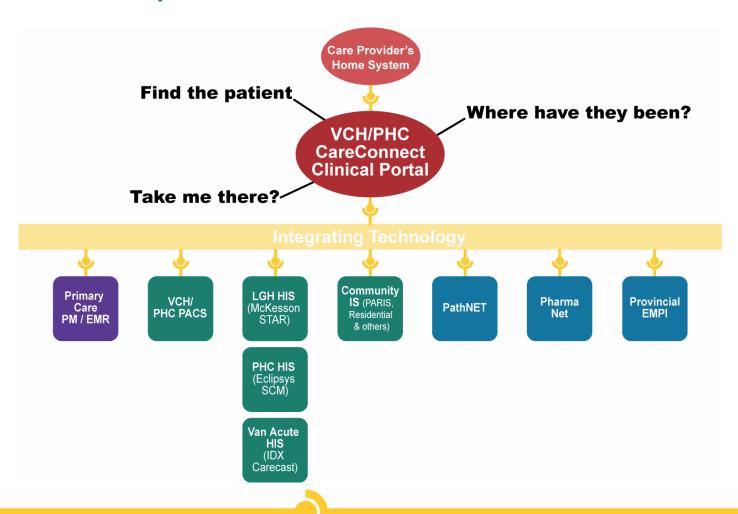
# CareConnect Objectives Process Scope



## **\rightarrow**

### Technology Scope (Stage 1)

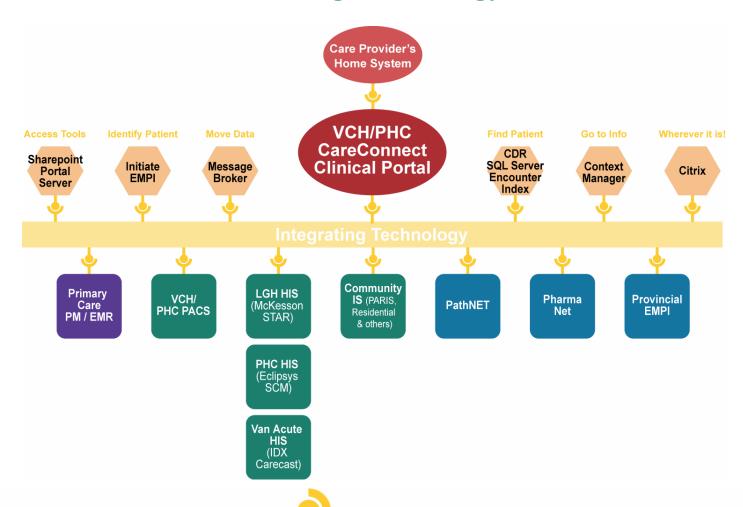
### **VCH** care provider



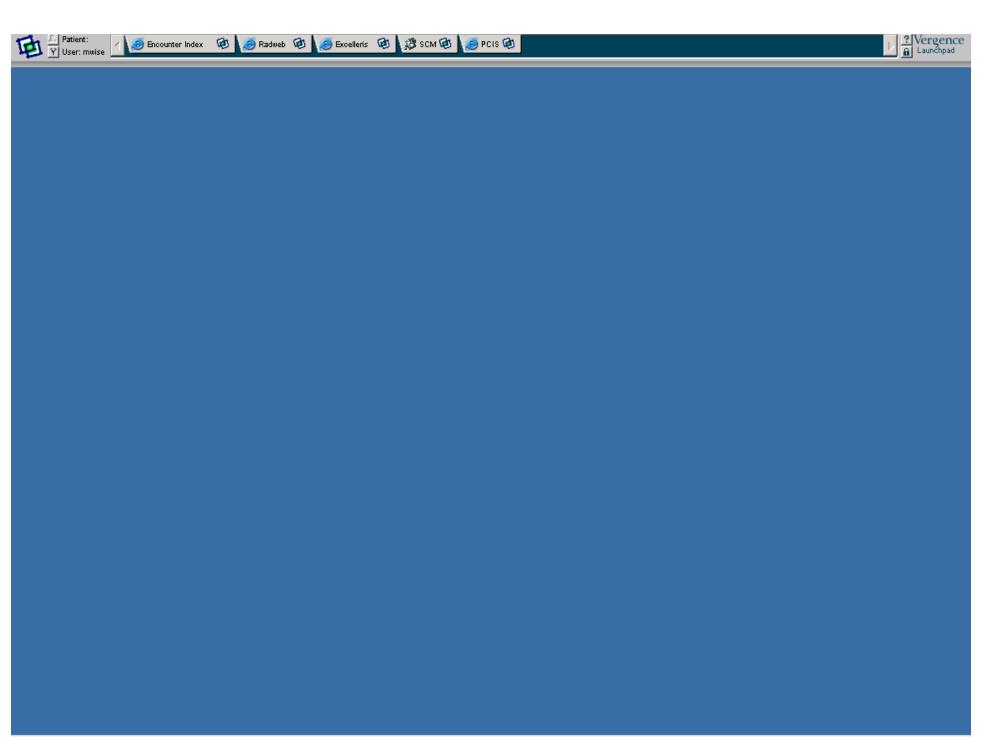
## **\**

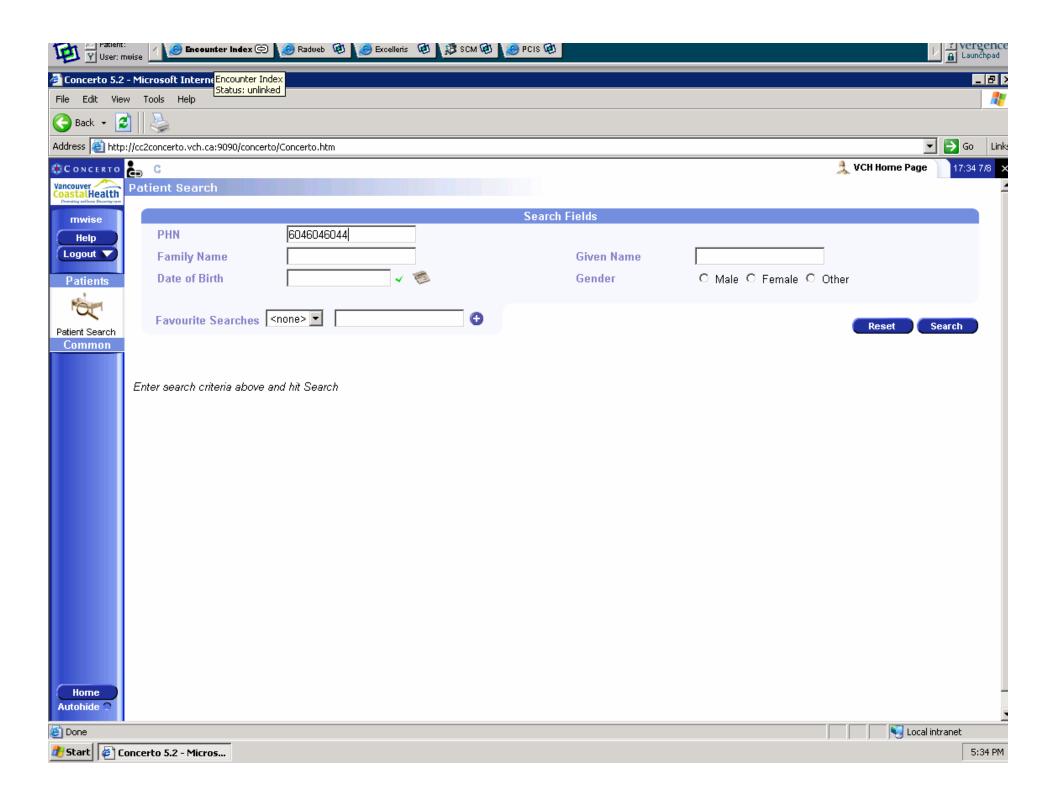
### Version 1.0

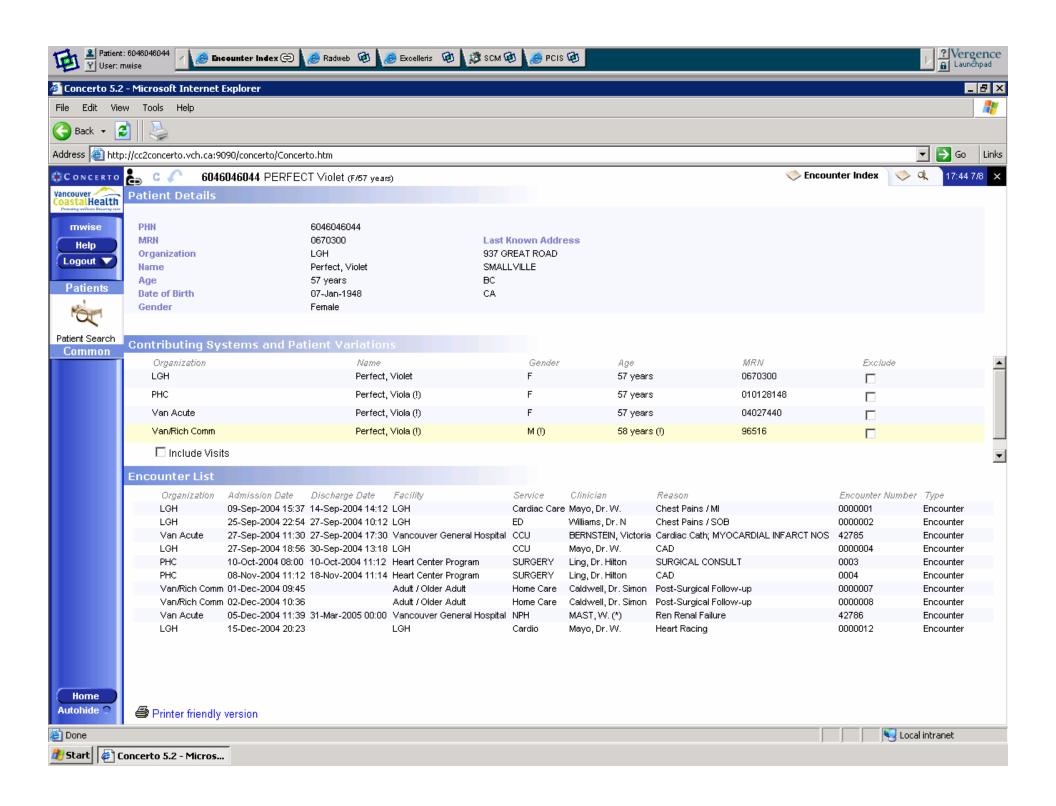
### **CareConnect & Enabling Technology**

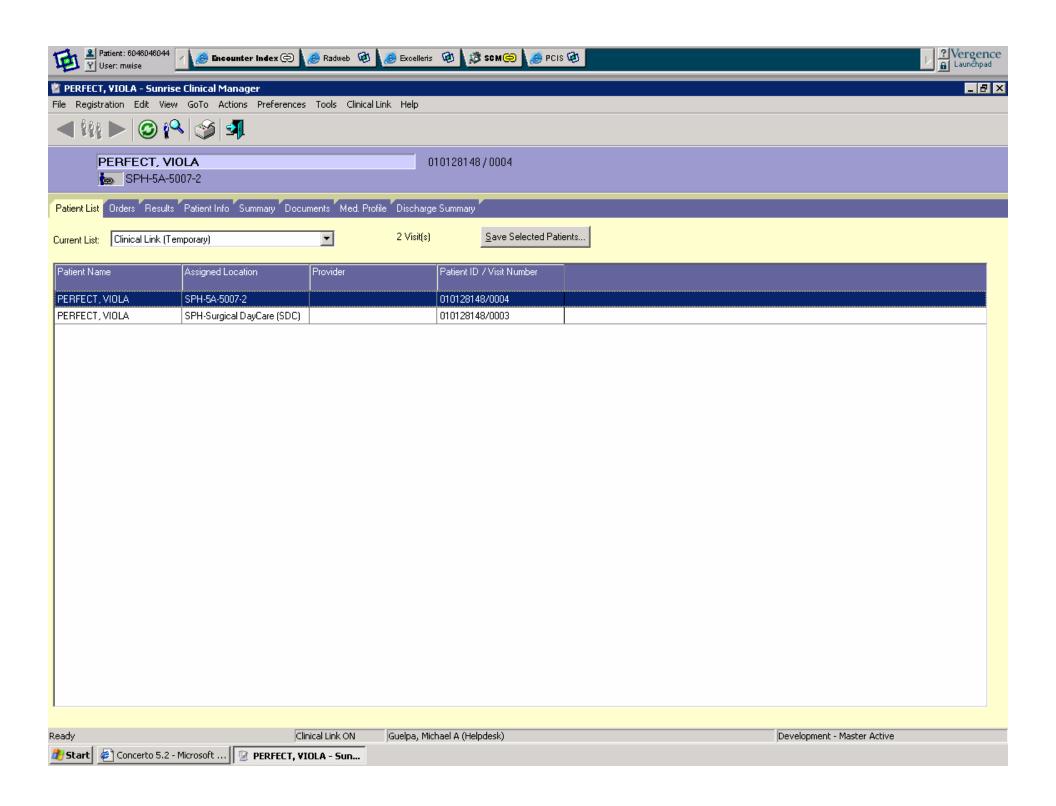


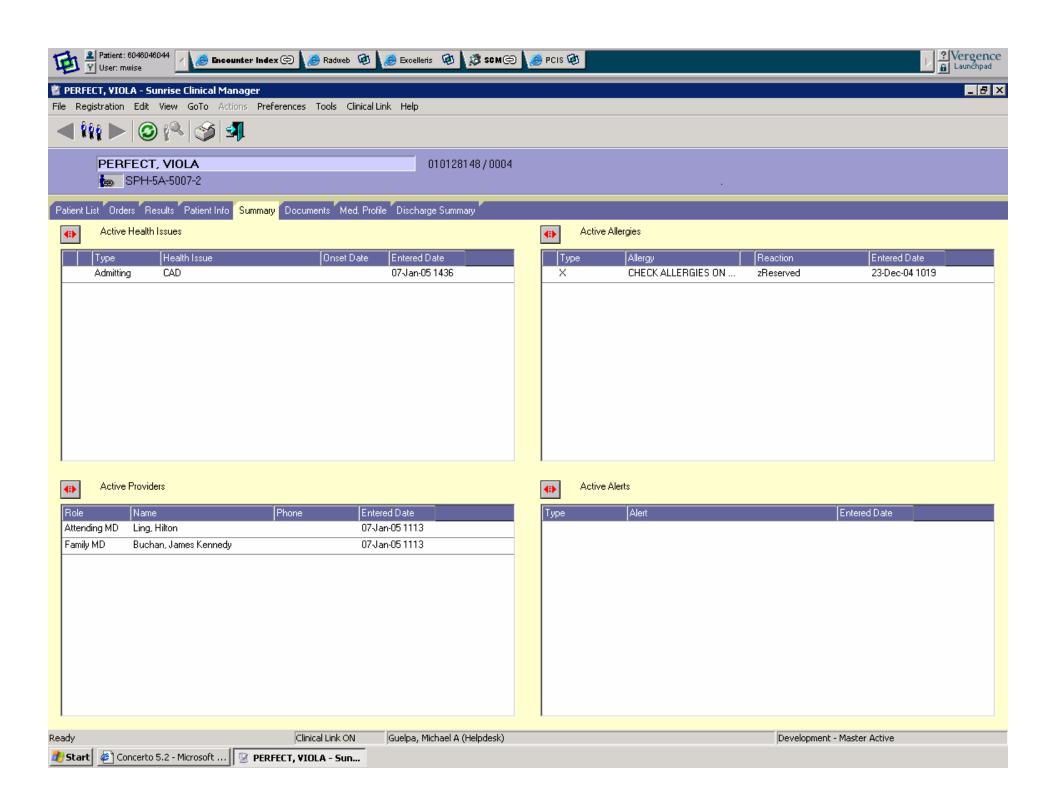


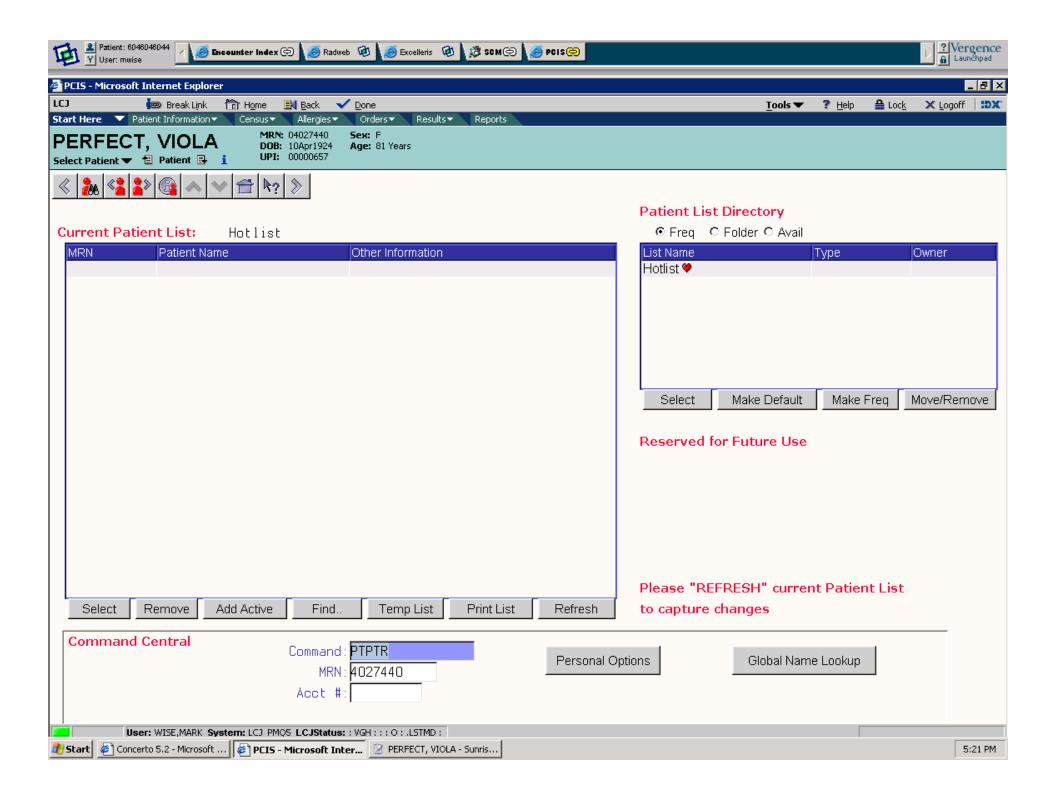


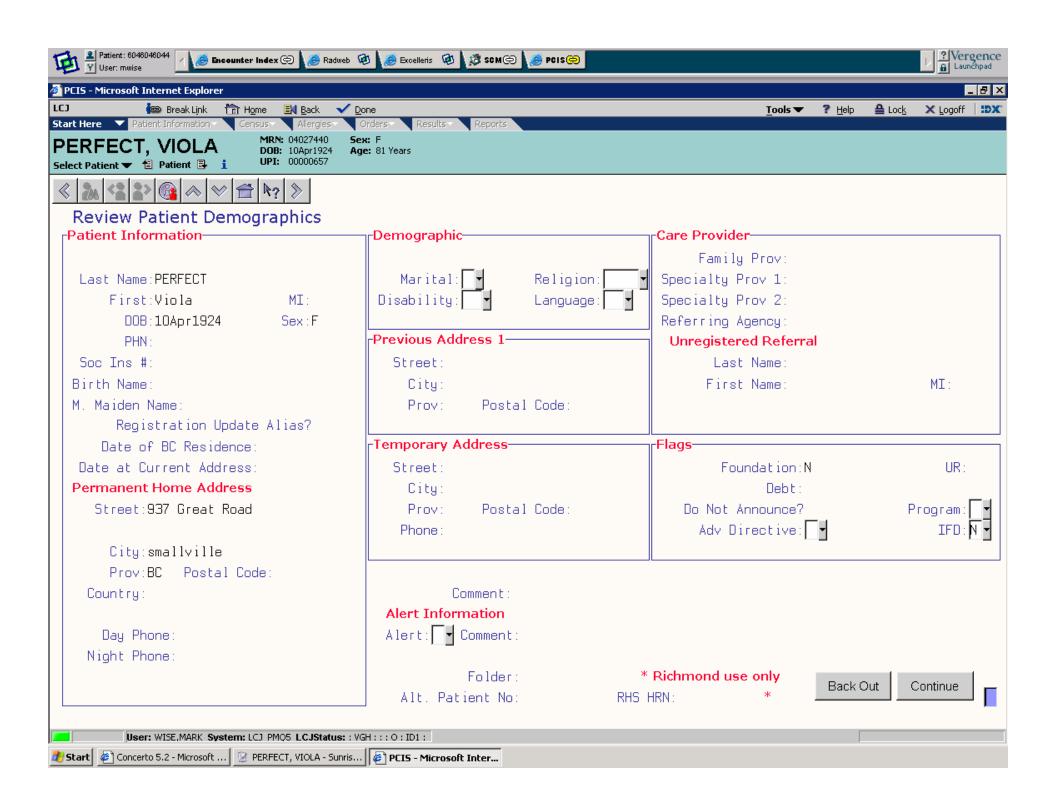


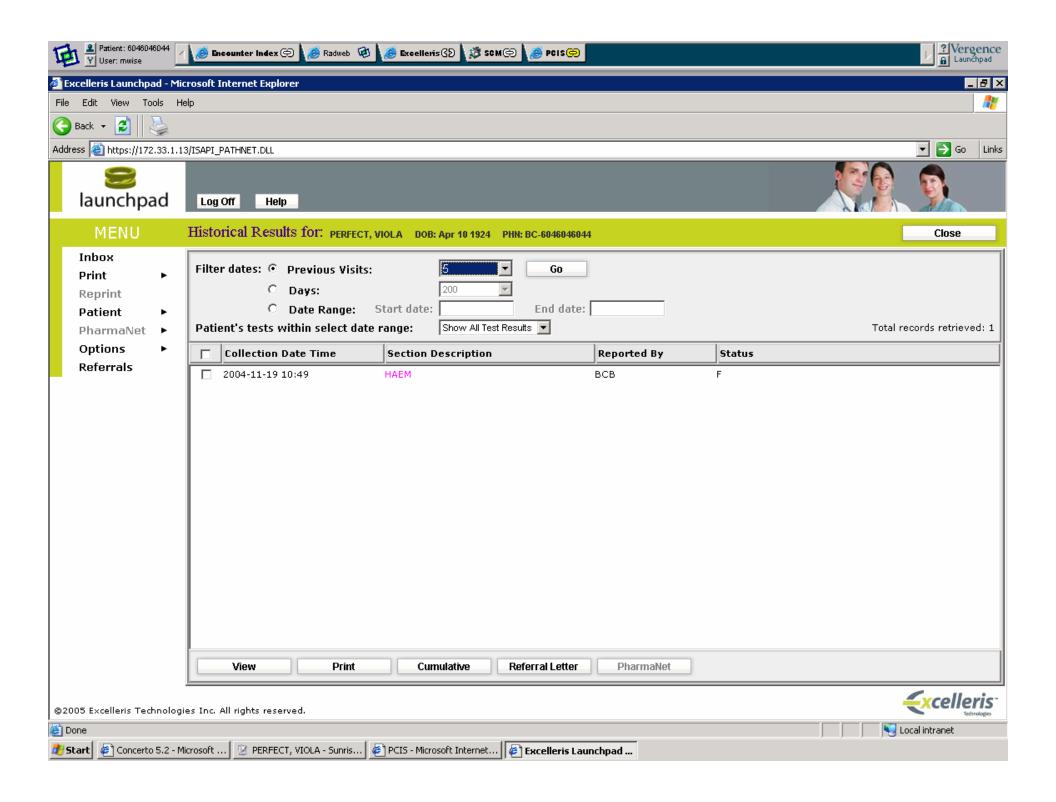


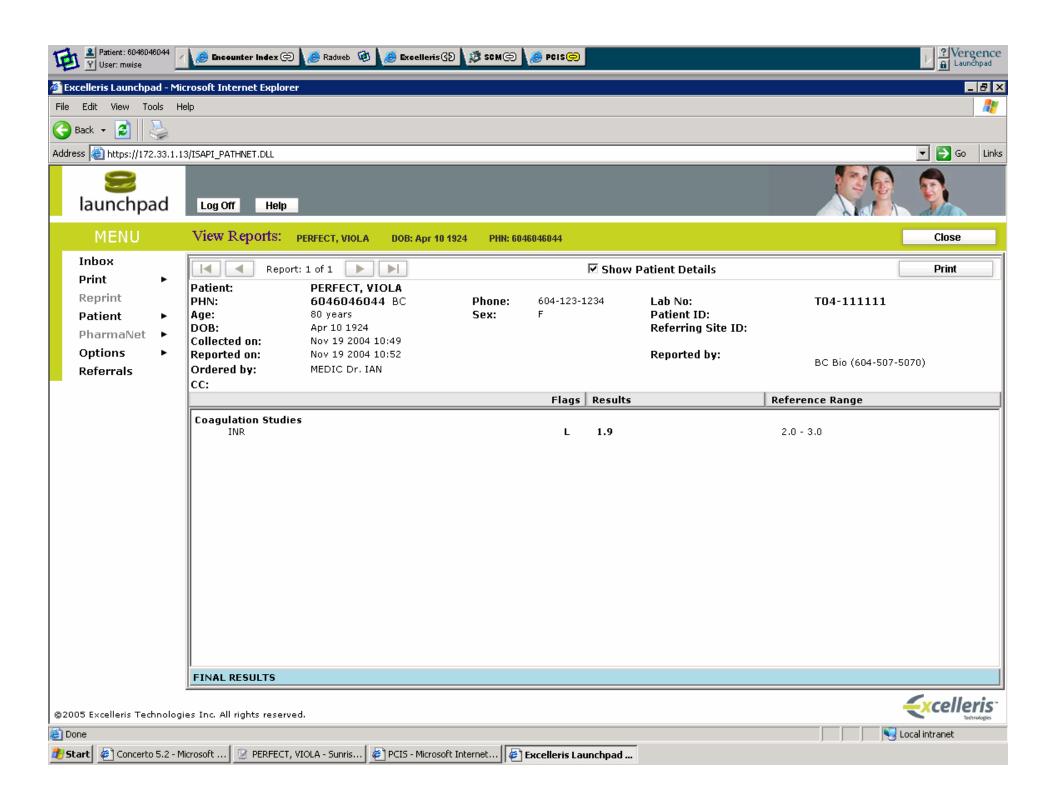


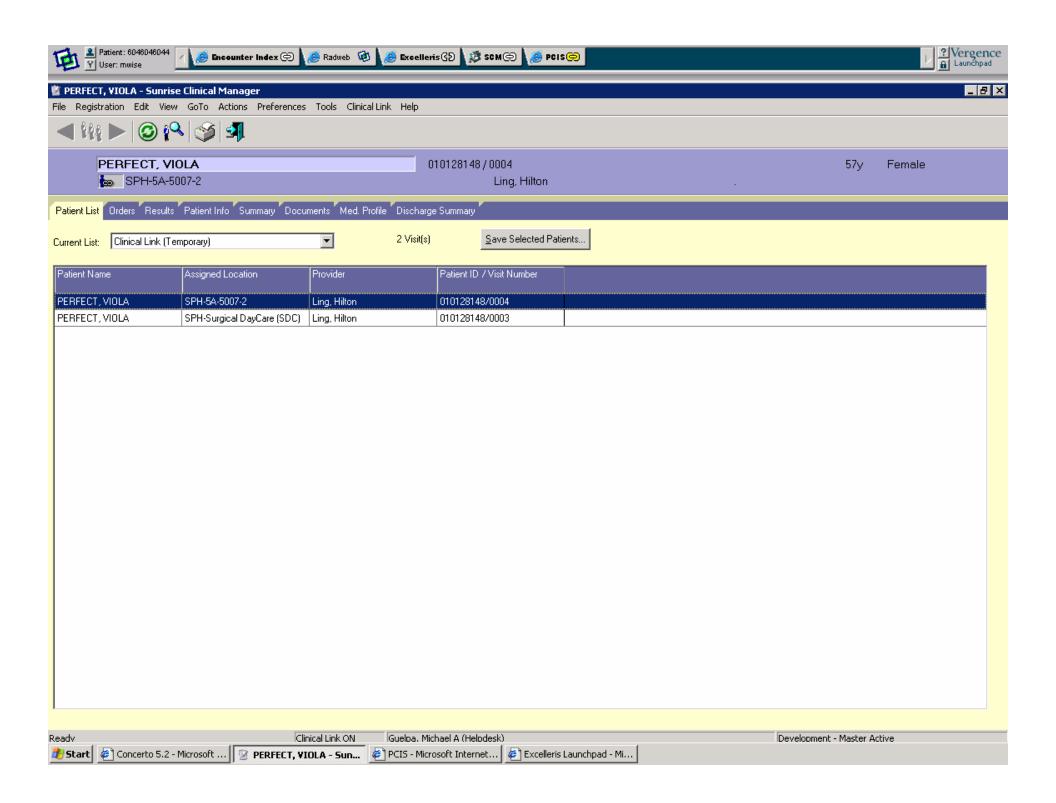


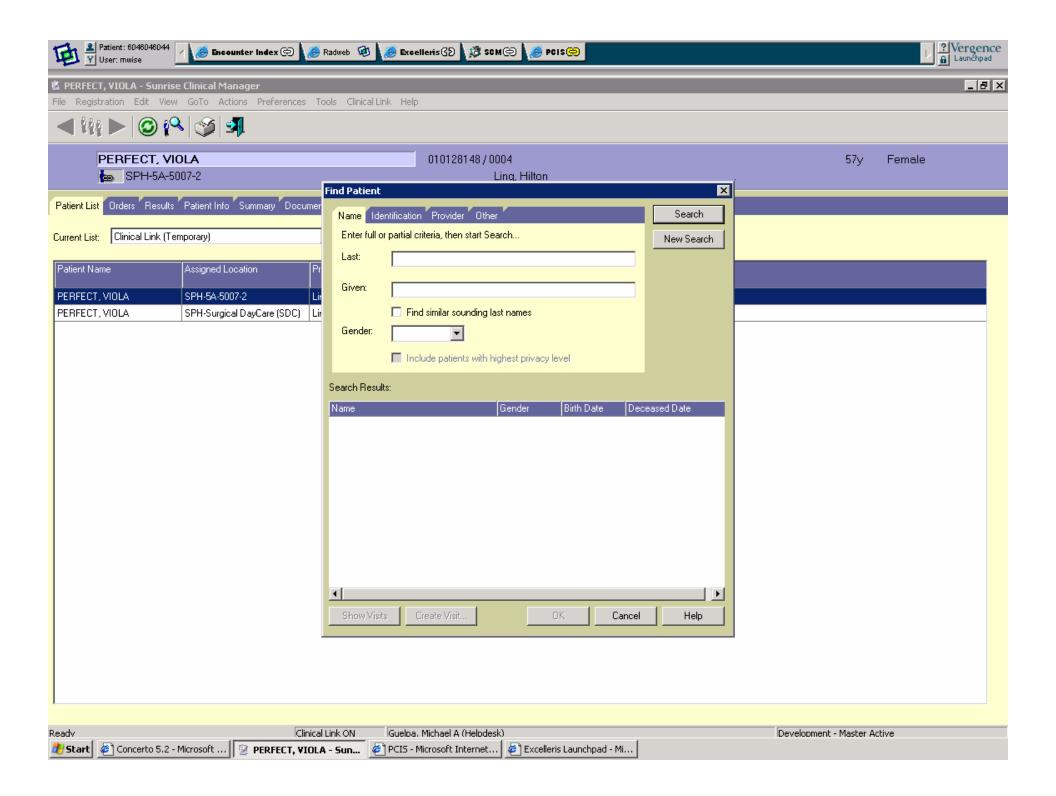


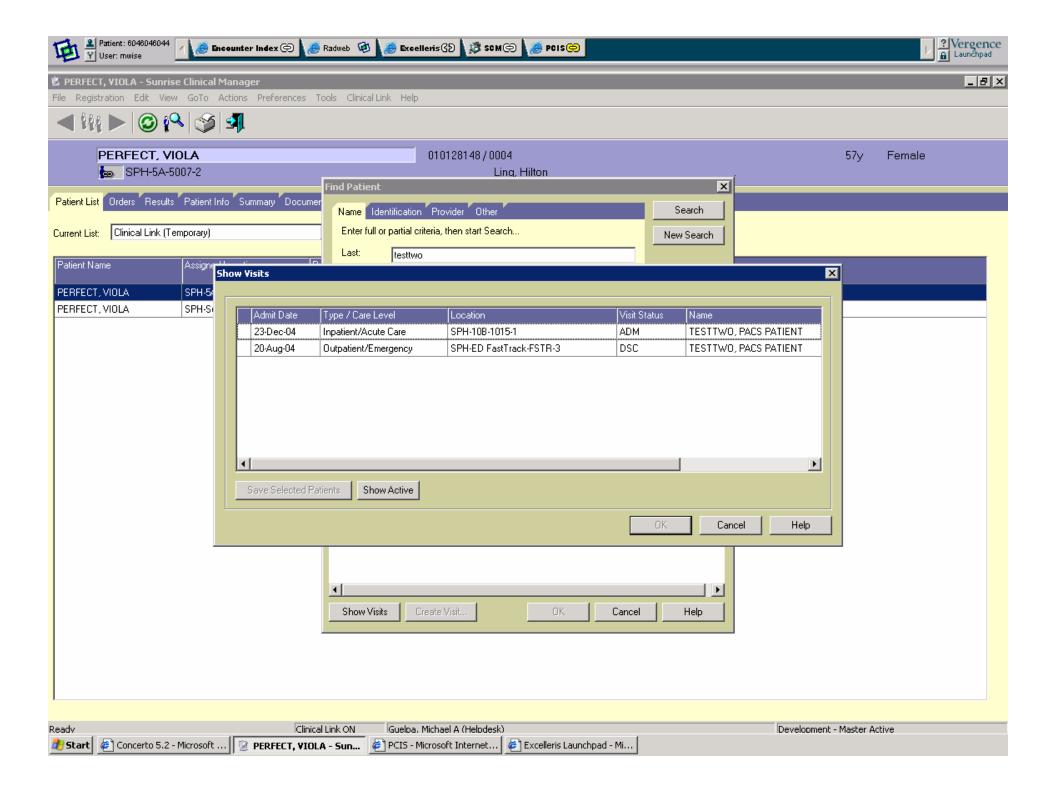


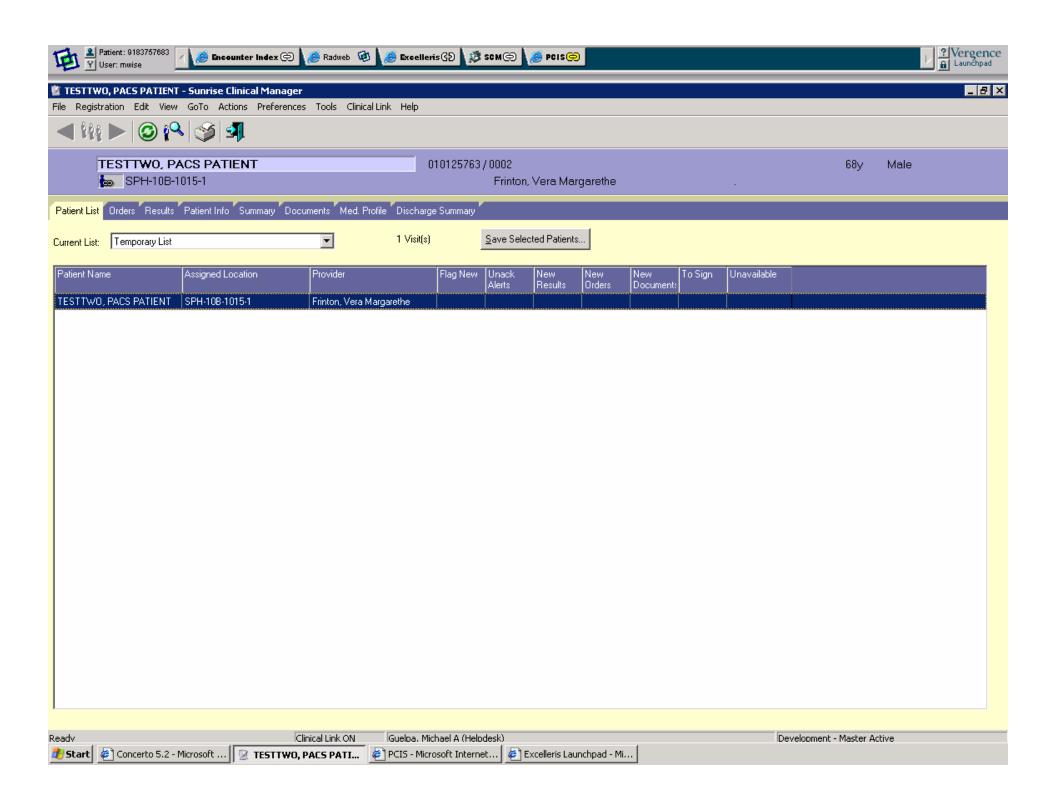


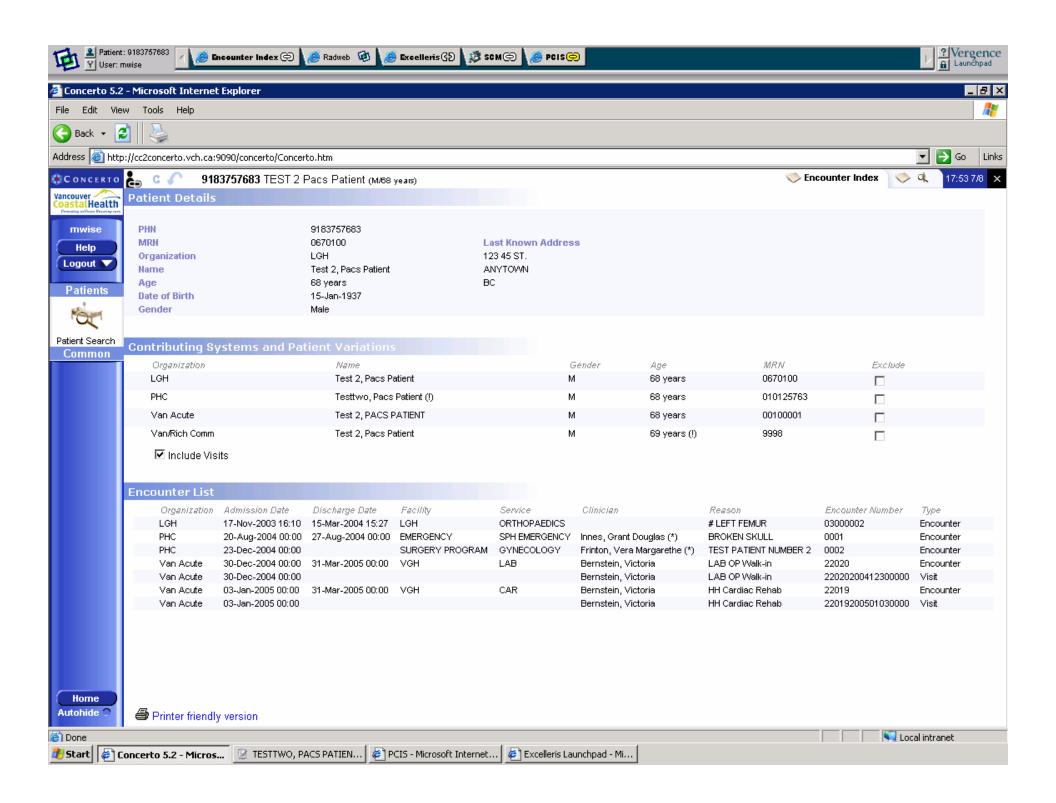


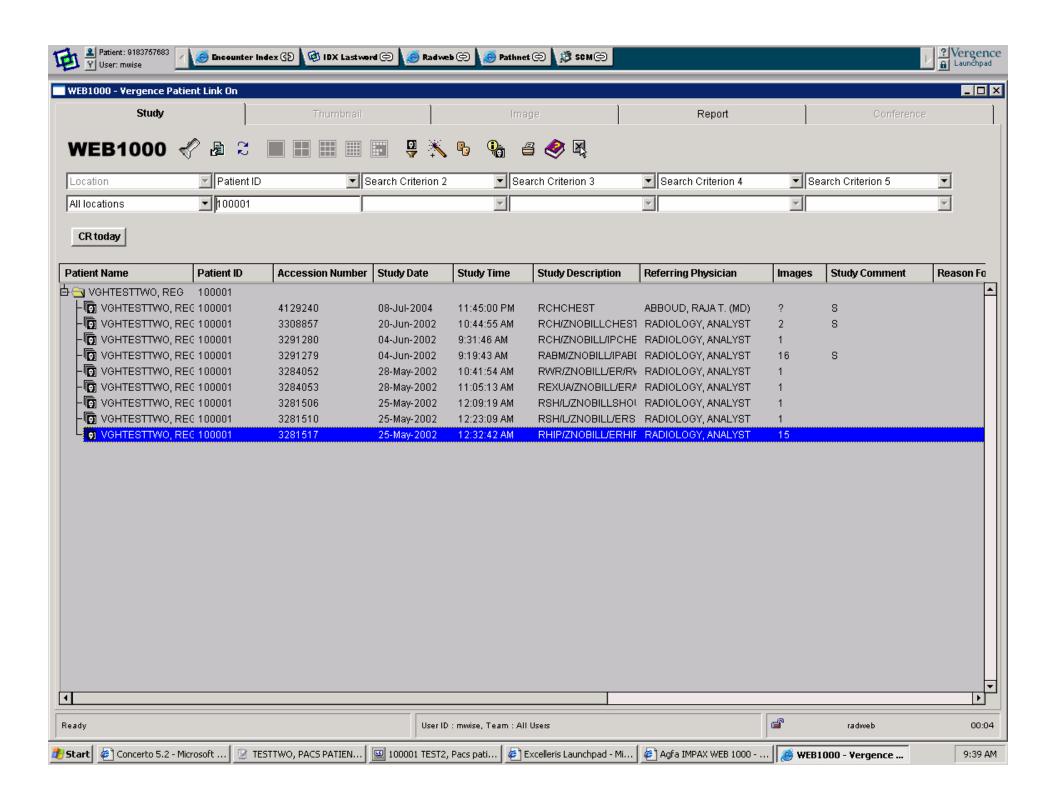


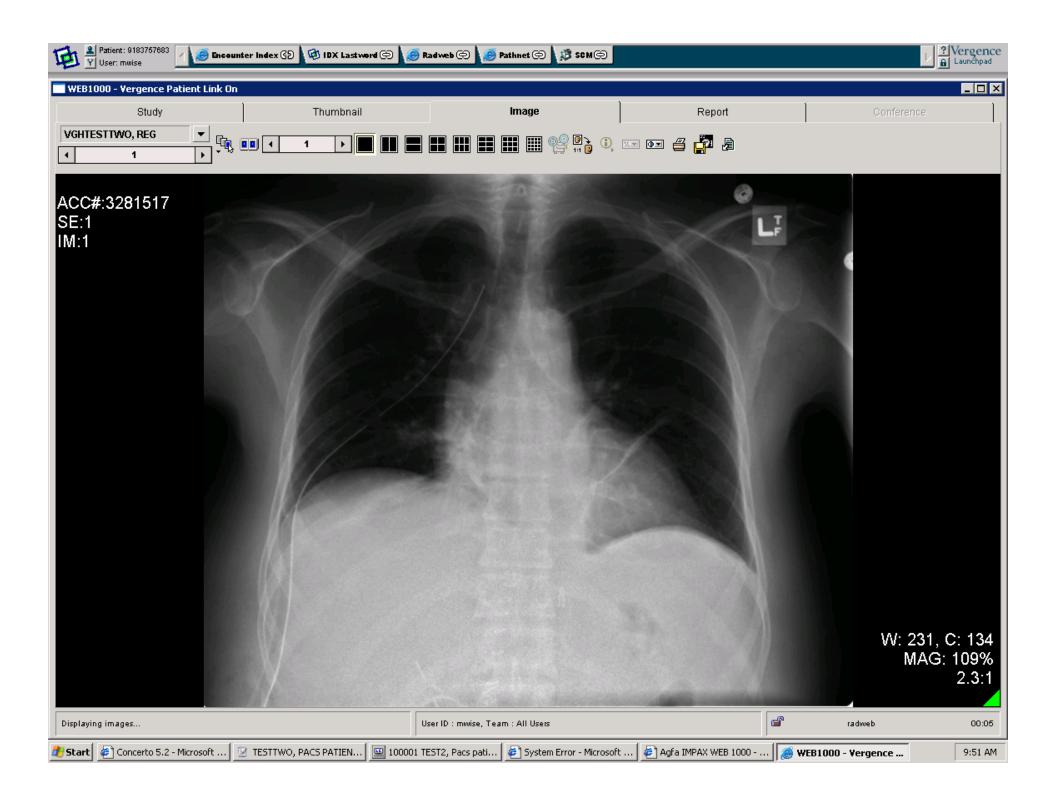


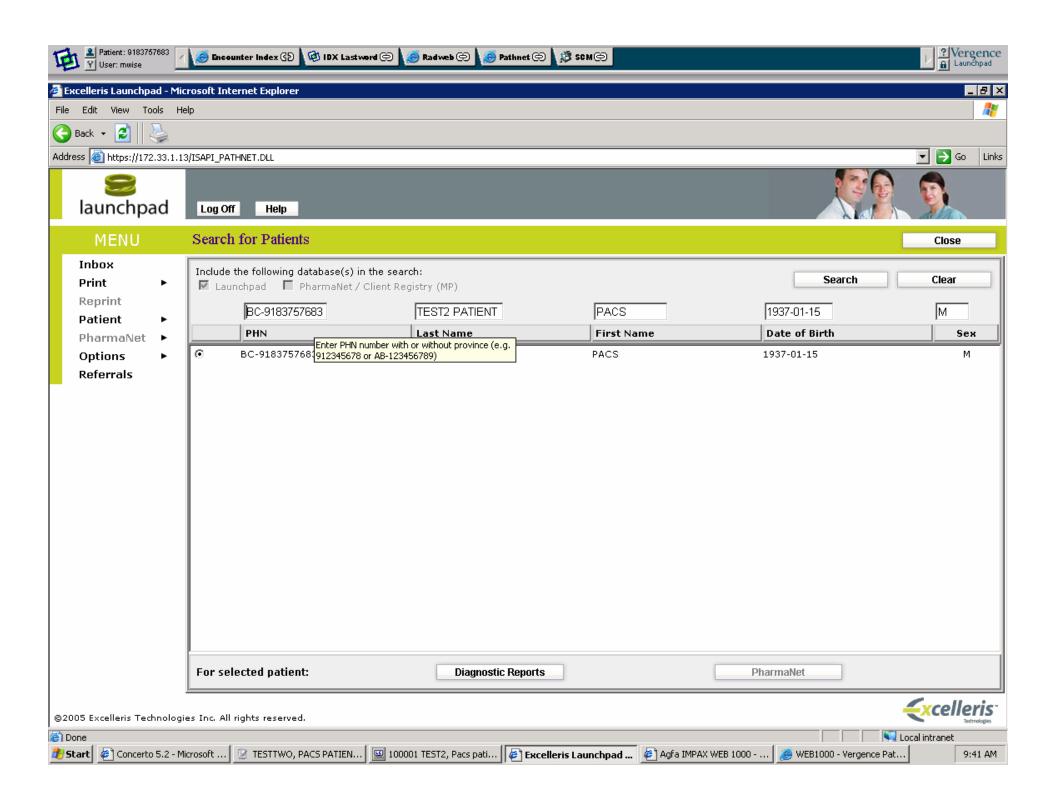














### Issues/Challenges Identified in the Pilot

- No memorandum to share data
- No common access model
- Dealing with multiple application administrators
- Multiple user IDs/password/expiry dates
- Require knowledge of multiple systems/training/support
- No way of identifying what information is available in source system
- Unstable technology



### Next Steps

Where do we go from here???







### **Contact Information**

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