

Louisiana Public Health
Information Exchange
(LaPHIE)

State of Louisiana Office of Public
Health and the LSU Health Care
Services Division

LaPHIE: Background

- LSU HCSD and Louisiana's OPH developed a secure bidirectional public health information exchange called LaPHIE
- LaPHIE's goal - facilitate linkage to care for individuals with HIV, TB, or syphilis to ensure treatment and public health follow-up activities
- LaPHIE utilizes electronic messages from Public Health which post in patients' electronic medical records (LSU system of public hospitals)

LaPHIE: Process

- Workgroups formed to review legal and ethics issues
- Accomplishments:
 - completed review of all pertinent Federal and State legislation
 - discussed LaPHIE with national experts in confidentiality and biomedical ethics
 - completed consumer focus group discussions and key informant interviews of acceptability

Findings from Reviews

- Several Federal and State laws permit collaboration of health care providers for persons with HIV, TB or syphilis.
- Development of position paper supporting LaPHIE
 - legal analysis related to situations that may occur when public health information is exchanged
- Consumers found approach reasonable for intended purpose

LaPHIE: How It Works

- Electronic link developed between OPH clinics & LSU electronic repository, CLIQ
- When patient gets tested at OPH clinic but fails follow-up, becomes listed for LaPHIE
- Patient registers at any of the LSU public hospitals – if name is on LaPHIE list, message sent to CLIQ
- Clinician clicks on message for results

Disease Alert Component

8:25:54 AM, 8:19:55 AM

CLIQ
Clinical Inquiry

Welcome,
Luis E. Smith
Physician CMM
Fri, April 23, 2010

Patient Name: HIV2 ZzzTest In MRN: HIV200 (MCLNO)
Age: 25 Years (3/25/1985) Gender: Female

Patient Summary

Last Inpatient Admission: 3/25/2010

CBC	CHEM	ESR	LFT	LIPID	TSH	U/A	CXR
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QuickView - Mouse over buttons above for quick view of most recent results for these test types


← Back 🔍 Fwd →

- +** Patient Summary
- ✕** Problem List
- i** Demographics
- 📄** Visit History
- 💊** Medications
- 📌** Immunizations
- 🧪** Laboratory
- 🔬** Pathology
- 📝** Write Quick Note
- 🖨** Print

⚠️ Patient needs follow up related to HIV. (Click here to take action.)

Preventive Health

Message from Office of Public Health

 Patient may require follow up for an infectious disease. Click on **Take Action Now** button below to view details.

Alternatively, take action later and address anytime by clicking on the Summary Screen's yellow bar.

Take Action Now **Take Action Later**

Tobacco Use

✕ No record of question. [Add](#)

Disease Mgt / Preventive Health Order Sheet

Welcome,
Jane Herwehe
Clinical Abstractor

Tue, December 23, 2008

◀ Back Forward ▶

 Search


 Patient Summary


 Demographics


 Visit History


 Immunizations

 Laboratory ▶

 Microbiology ▶

 Pathology ▶

 Radiology ▶

 Pharmacy

 Print

Patient may require follow up

Details: Intervention Needs for HIV

The Louisiana Office of Public Health has received and confirmed test results that indicate that the patient has HIV infection and possibly has not been informed of the results.

Please proceed with the Recommended Actions for intervention.

Recommended Actions

Actions Taken

Mouse over Recommended Actions and Actions Taken for more details

Assess need for intervention

Offer education

Assess patient and need for treatment

Initiate treatment and monitoring plan

Please check the actions that you are completing with the patient. Some actions may already contain a check indicating completion by another provider. Other actions may not apply and can be left blank. **Please hit SAVE once you have completed your actions.**

- Discussed OPH message and need for treatment with the patient
- Re-ordered confirmatory Western Blot
- Assessed stage of illness
- Scheduled follow up appointment
- Documented patient report of receiving treatment at another site
- Confirmed patient is not interested in treatment at this time

Comments:

CDC Website...

Save

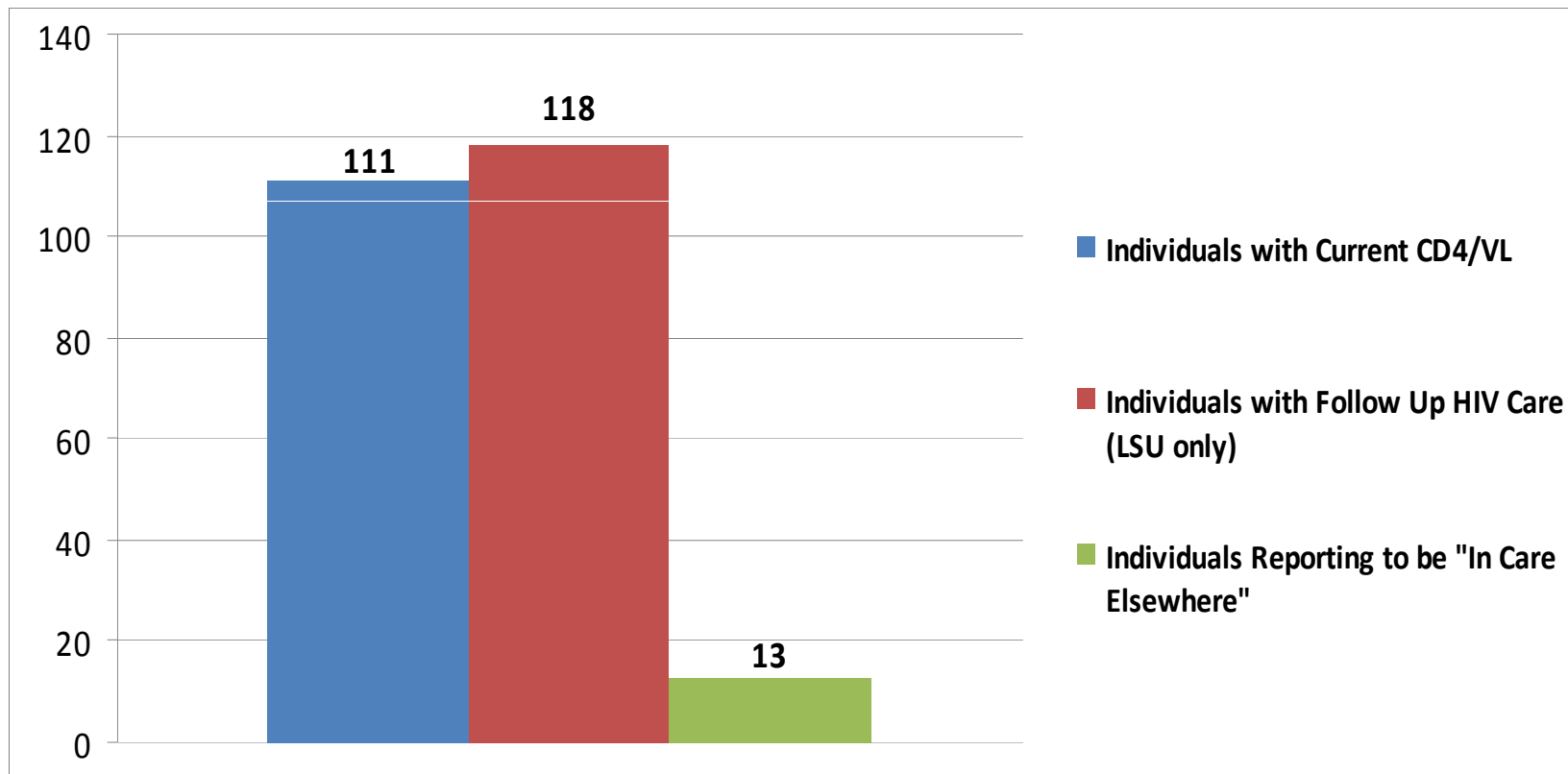


The Delta AIDS Education & Training

Total LaPHIE Matches (as of 5/31/10)

- Improved response rates to messages
- Matches
 - 282 matches as of 5/31/2010 (includes 66 “repeaters”)
 - 65% response rate

Post LaPHIE Follow Up (Only Tracking LSU Patients) (n=216)



Ongoing Evaluation

Post LaPHIE Patient Interviews

- **To date, 9 completed interviews w/ LaPHIE identified patients**
- **Satisfaction with LaPHIE encounter**
 - 6 - positive responses to provider handling of LaPHIE message**
 - 3 – no specific comment on recent LaPHIE notice/interaction**
- **What helped patients come back:**
 - Reminder calls (3), staff answer questions (2), trust in staff (1), staff allayed fears (2), staff concerned, caring, respectful, knowledgeable (4)**

Provider comments (unsolicited)

- 3 positive – patient glad or appreciative of provider knowing HIV status and linking patient to care
- 1 negative – patient upset, not specifically with sharing of HIV message, but with long wait in the ED (medication reconciliation, discussion of all health issues (inc HIV) – in addition to the 1 complaint that brought patient to the ED