



TESTAZ



Ann Gardner

HIV Testing, Linkage to Care & Partner Services

Office of HIV Prevention

Arizona Department of Health Services

Kara Geren, MD, MPH

Attending Emergency Medicine Physician

Maricopa Medical Center



Health and Wellness for all Arizonans



Background



- ▶ Program was created with competitive dollars received from CDC by Arizona
- ▶ Arizona law was changed in 2008 to allow for the provision of consent information which replaced the required special set of consent forms
- ▶ The collaboration with Maricopa Integrated Health Systems was built on a successful HIV Testing program in the Labor and Delivery Department at Maricopa Medical Center



TESTAZ

Test, Educate, Support, Treat Arizona

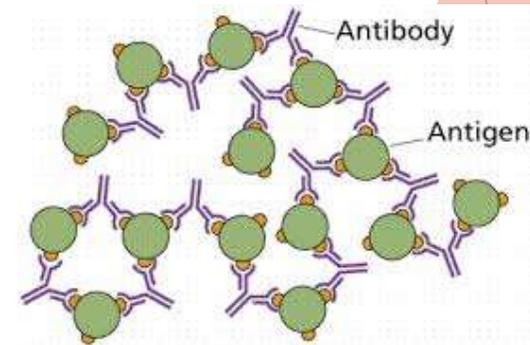
- ▶ TESTAZ promotes non-targeted, routine, opt-out HIV testing in Arizona
- ▶ Maricopa Integrated Health Systems has created a website that shares information about ED testing and training of staff.

www.mihs.org/testaz/test-az/



4th Generation Laboratory Testing

- ▶ Abbott Architect had just received FDA approval as a laboratory based screening test
- ▶ Allowed our program to provide opt-out HIV screening to anyone who was have blood drawn for their presenting condition in the ED
- ▶ Minimizes clinical disruption and does not require extra staff



It Takes a Village...

- ▶ Starting a prevention program in an Emergency Department setting required the cooperation and support of many departments. Over 20 departments were participants in the development of this program ranging from hospital leadership, Physicians, Nurses, Laboratory staff, Social Workers, Public Information Office, the legal department and Information Technology, just to name a few
- ▶ Champions are essential in every specialty (physicians, nursing, social workers etc.); Without them the program will flounder



TESTAZ Programs in Arizona

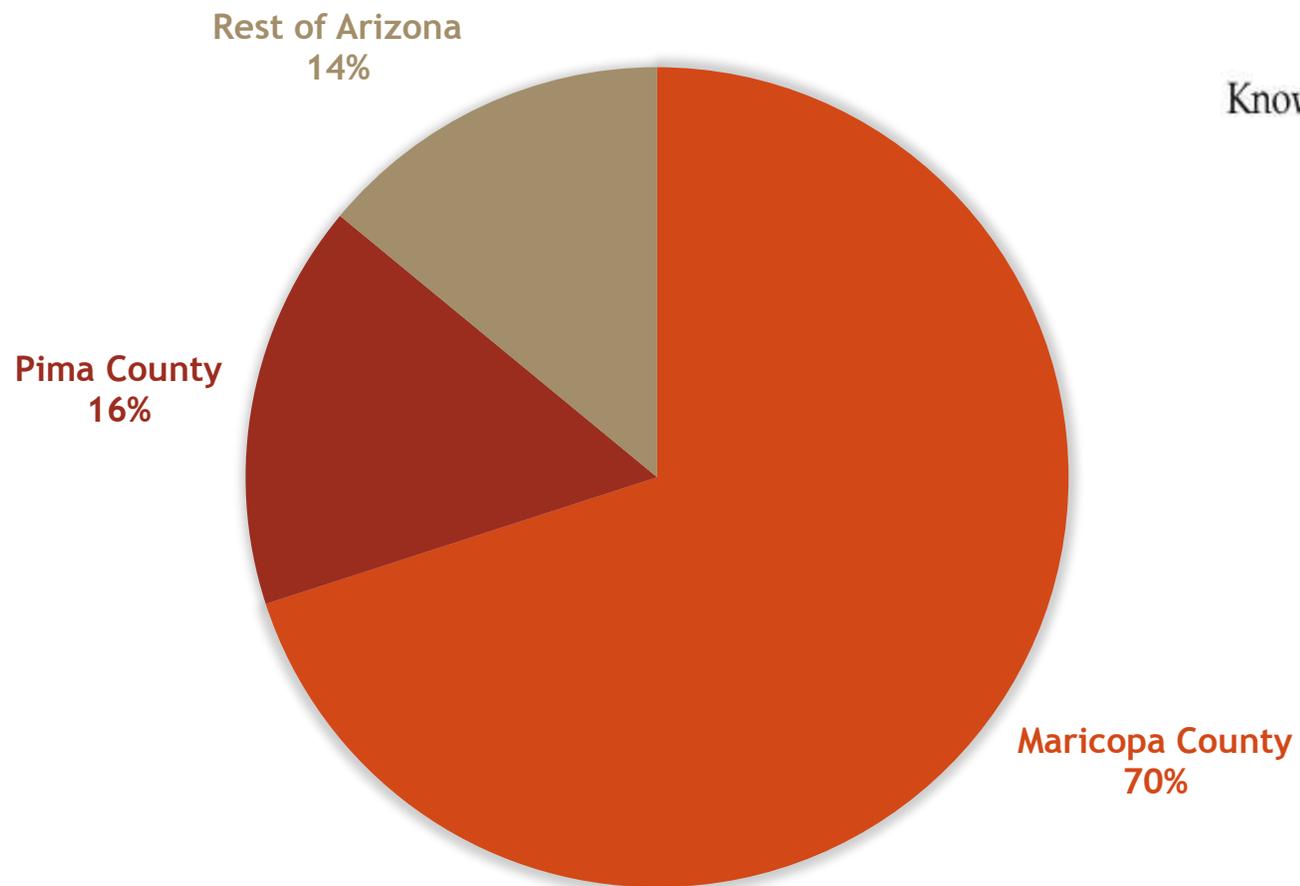


- ▶ Maricopa Medical Center Emergency Department, Phoenix
- ▶ Maricopa Medical Center Burn Emergency Department, Phoenix
- ▶ Maricopa Integrated Health Systems Walk-in Clinic, Phoenix
- ▶ Maricopa Integrated Health Systems Whole Health Homes, Phoenix
- ▶ University Medical Center Emergency Department, Tucson
- ▶ University Medical Center South Emergency Department, Tucson

- ▶ Each hospital Emergency Department Program has a direct link to their local Ryan White funded HIV Clinic. Clinics and Infectious Disease doctors have agreed to see newly identified HIV positive patients identified in the ED quickly.
- ▶ Both hospital programs have shared medical record systems that allow them to receive all of the patient's information and track patient test results

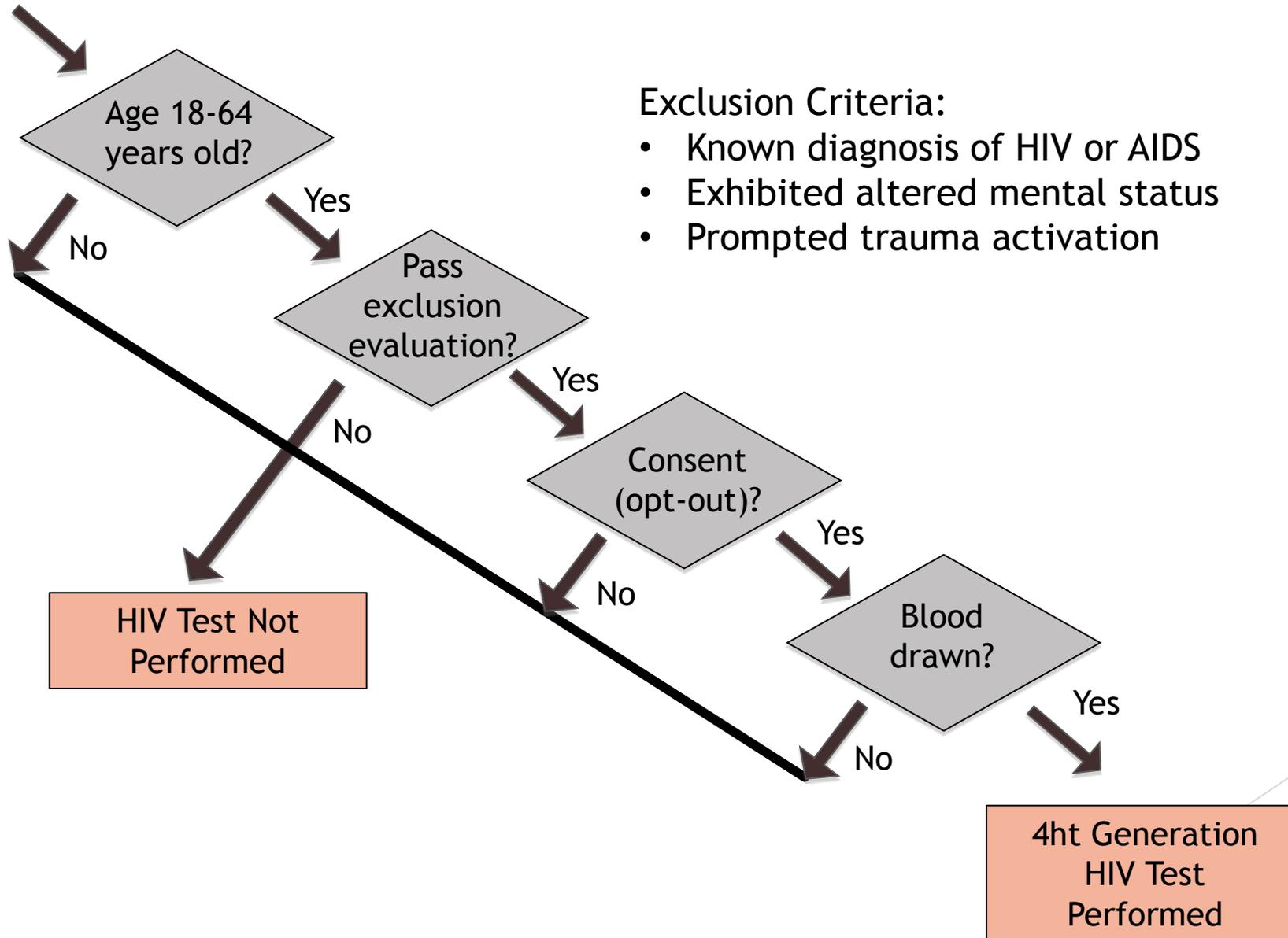


Arizona Epidemic

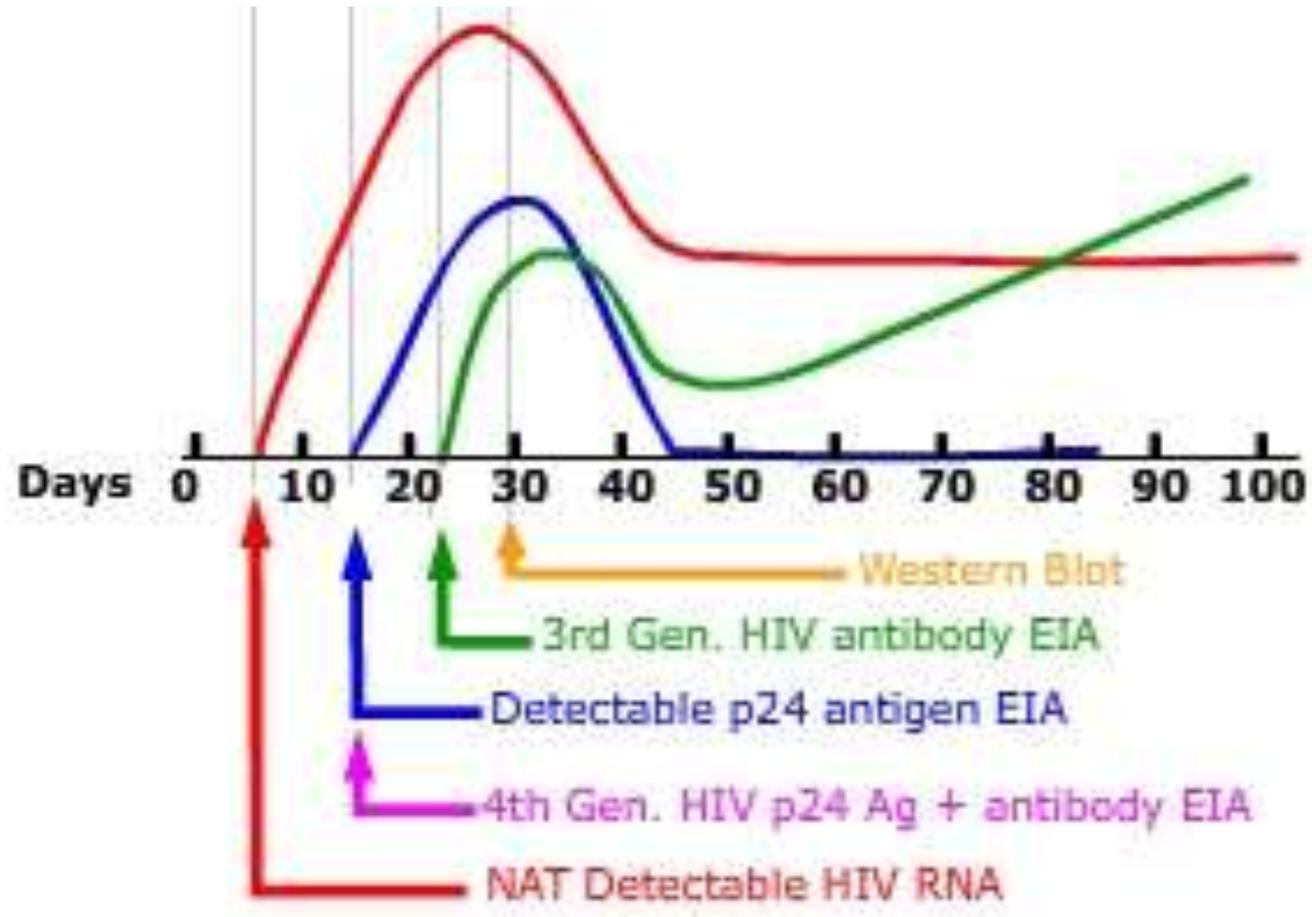


Triage Nurse
Interview

MIHS TESTAZ Process

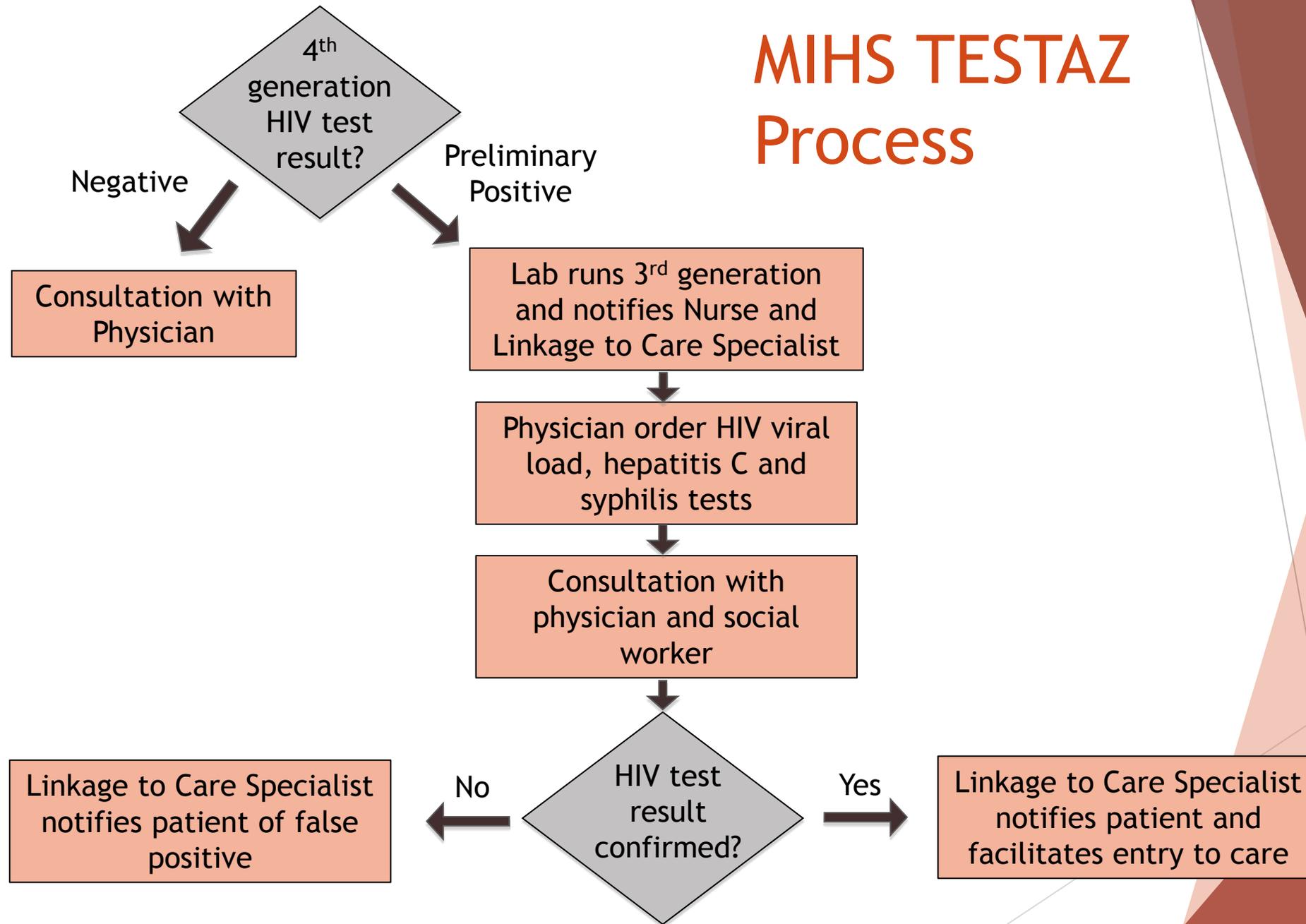


4th Generation HIV Testing Technology



Courtesy of RnCeus. Available at
<http://www.rnceus.com/fl2hiv/test2.html>

MIHS TESTAZ Process



TESTAZ Findings



► From July 11, 2011 to January 5, 2014

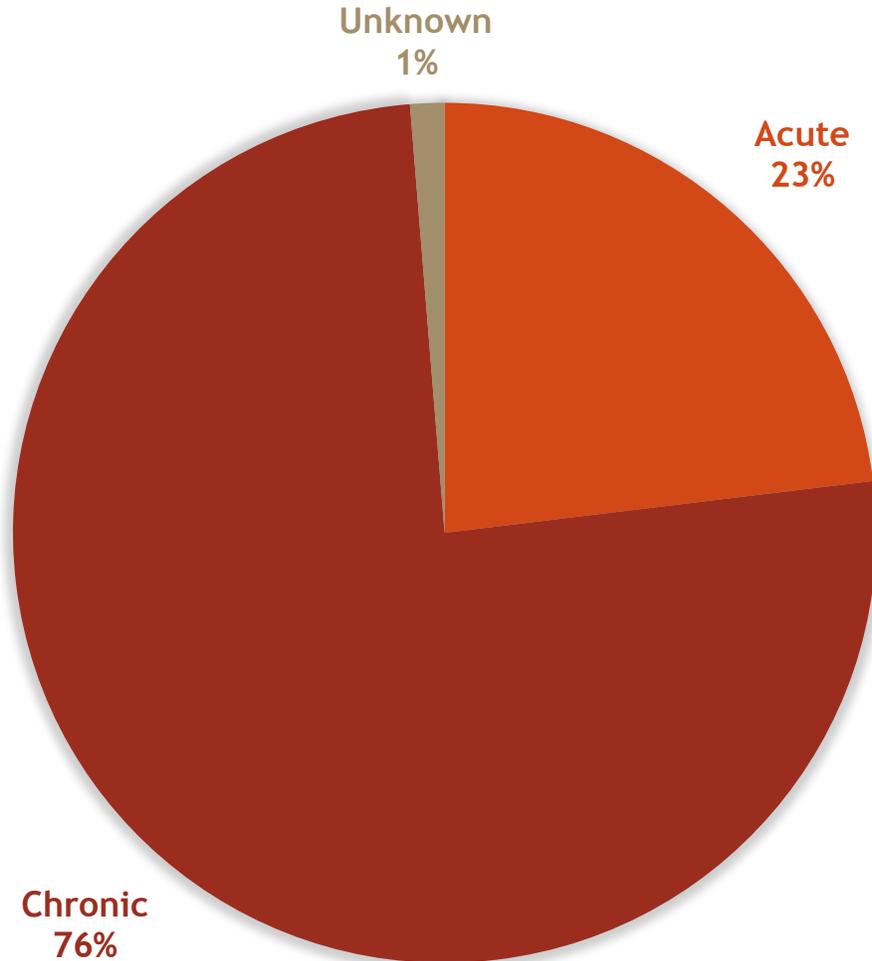
Patient Category	Number of patients	% of total number
Seen in ED	63,077	-
Met exclusion criteria	38,195	61
Declined	22,044	35
Received HIV test	27,952	44

TESTAZ True Positives

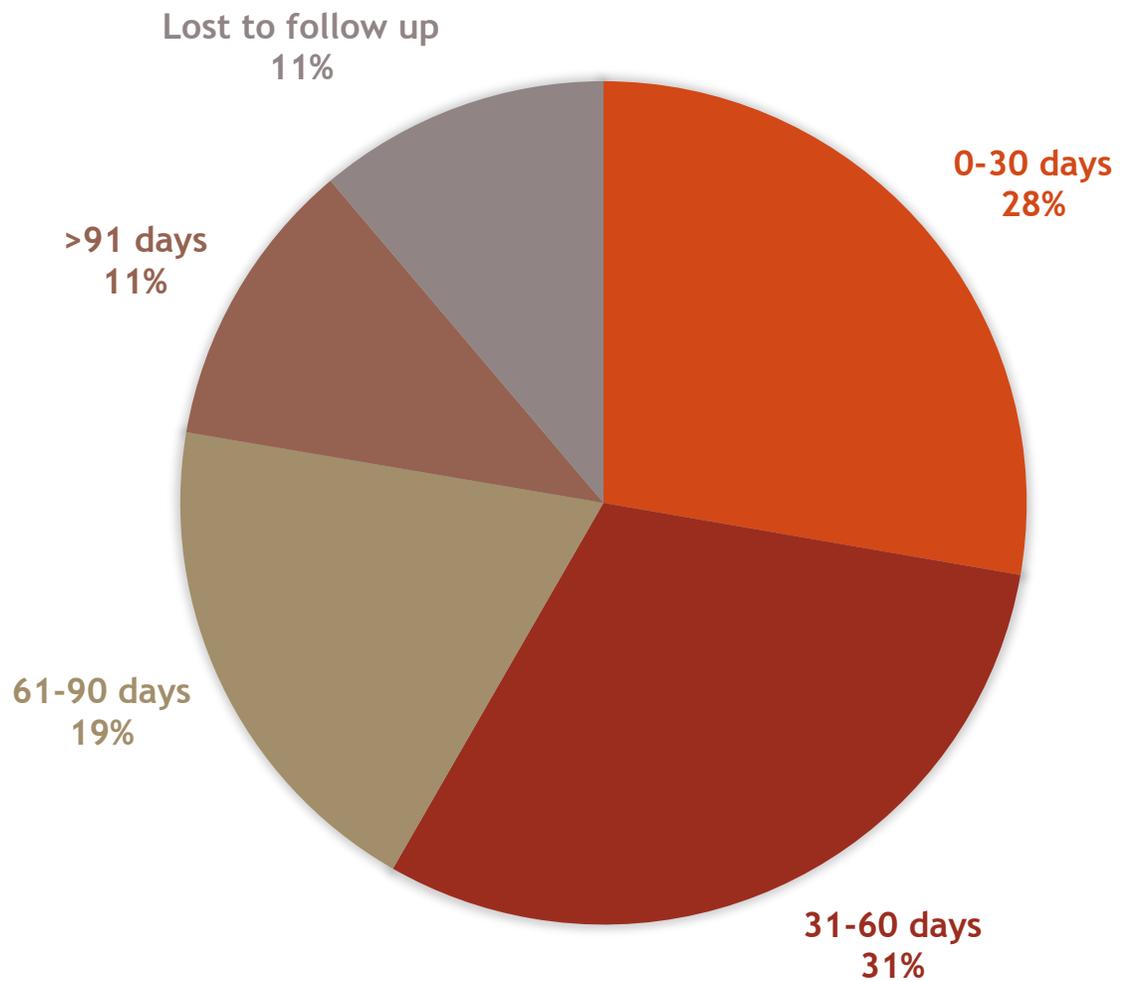
$78/27,952 = 0.28\%$

>0.1% prevalence
rate suggested by
the CDC

CONFIRMED POSITIVE HIV INFECTIONS



Linkage to Care



Lessons Learned



- ▶ Involvement of stakeholders from the inception
- ▶ Data collection and evaluation allows for improvements
- ▶ Flexibility and creativity improve processes and care
 - ▶ Triage nurse ordering HIV test
 - ▶ Social Work participating in notifications



Resources

▶ TESTAZ

- ▶ www.mihs.org/testaz/tools-and-resources

▶ CDC Testing

- ▶ www.cdc.gov/hiv/testing/index.html

▶ Clinical Testing Resources

- ▶ www.cdc.gov/hiv/testing/clinical/index.html



Publications



- ▶ “Detection of Acute HIV Infection in Two Evaluations of a New HIV Diagnostic Testing Algorithm – United States, 2011-2013.” *Morbidity and Mortality Weekly Report (MMWR)*. June 21, 2013 / 62(24);489-494. Available at: http://www.cdc.gov/mmwr/preview/mmwrhtml/mm6224a2.htm?s_cid=mm6224a2_w
- ▶ Geren, K.I., et al. “Identification of Acute HIV Infection Using Fourth-Generation Testing in an Opt-Out Emergency Department Screening Program.” *Annals of Emergency Medicine*. DOI: <http://dx.doi.org/10.1016/j.annemergmed.2014.05.021>



For more information...

- ▶ Ann Gardner: ann.gardner@azdhs.gov
 - ▶ Arizona Department of Health Services
- ▶ Kara Geren: Kara_Geren@dmgaz.org
 - ▶ Maricopa Medical Center

