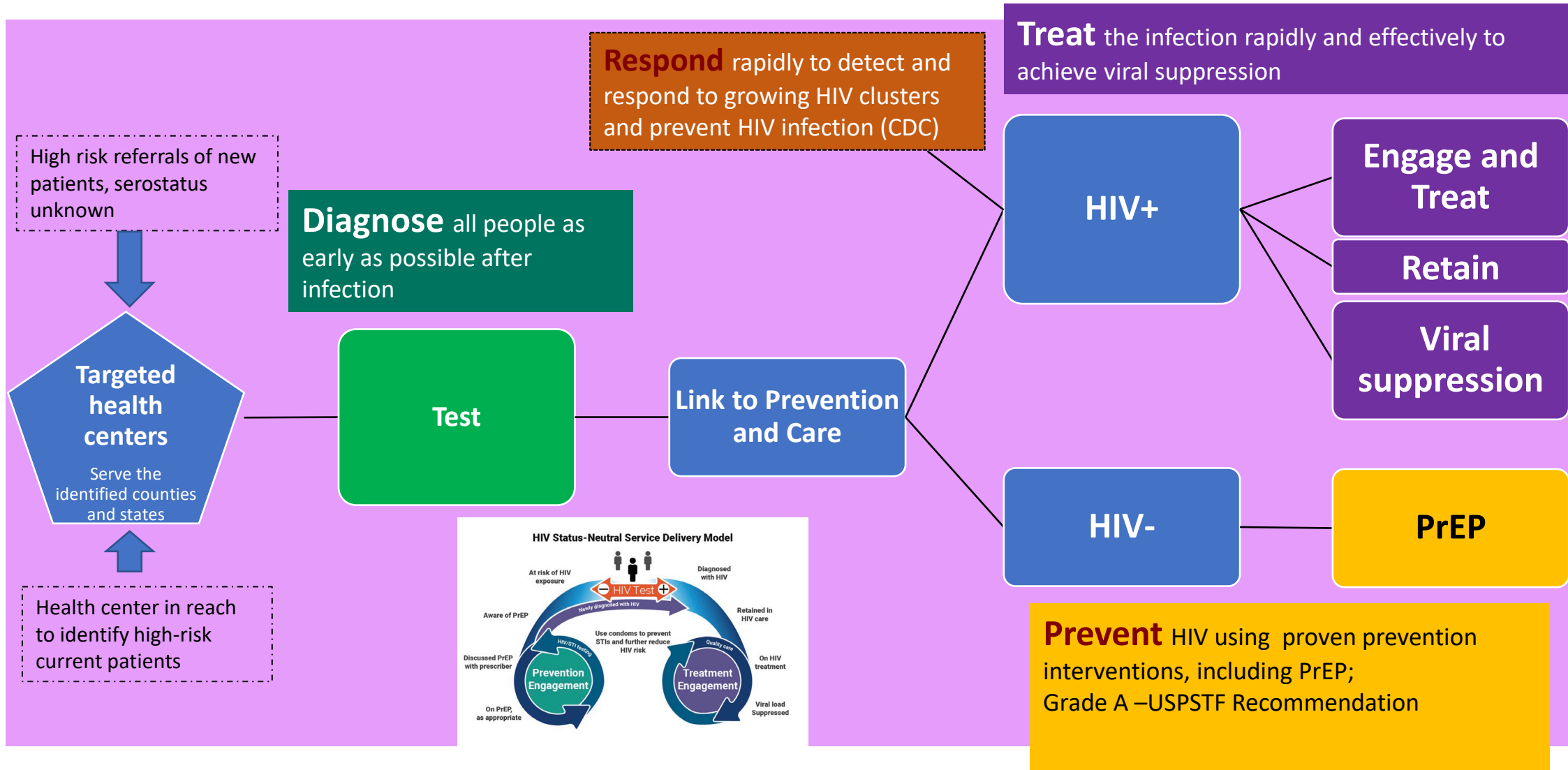




Linkage to care & a RAPID start approach

Yale Center for Infectious Diseases
HIV Care and Prevention Program

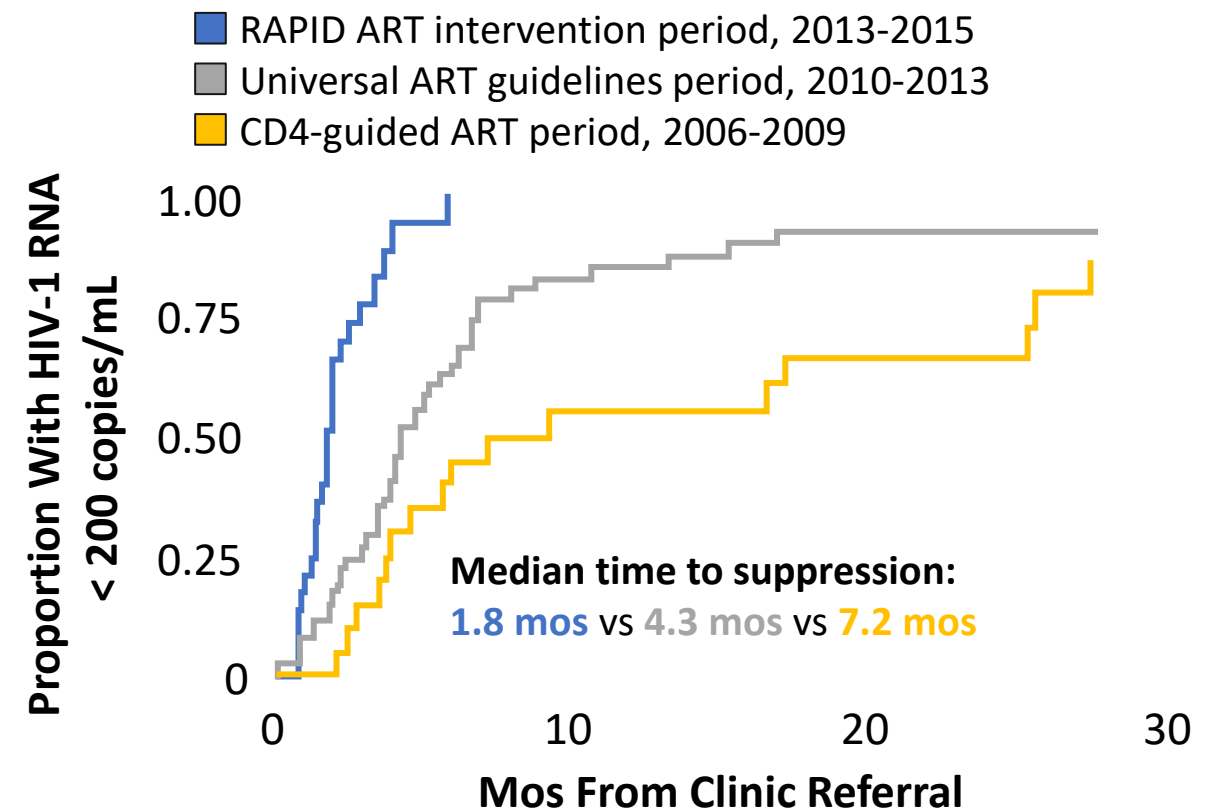
Linkage to Care Process Map – Status Neutral SDM



Pilot Study: Rapid ART Program Initiative for HIV Diagnoses (RAPID) in San Francisco

- Same-day (RAPID) ART initiation, including access to HIV provider, labs, and counseling
 - Most RAPID protocol patients received INSTI-based regimens
 - No resistance-driven ART changes in RAPID protocol patients after GT became available (25% had transmitted mutations, 22% of which were major NNRTI mutations)
- RAPID protocol led to faster HIV-1 RNA suppression vs historical cohorts with different ART initiation strategies

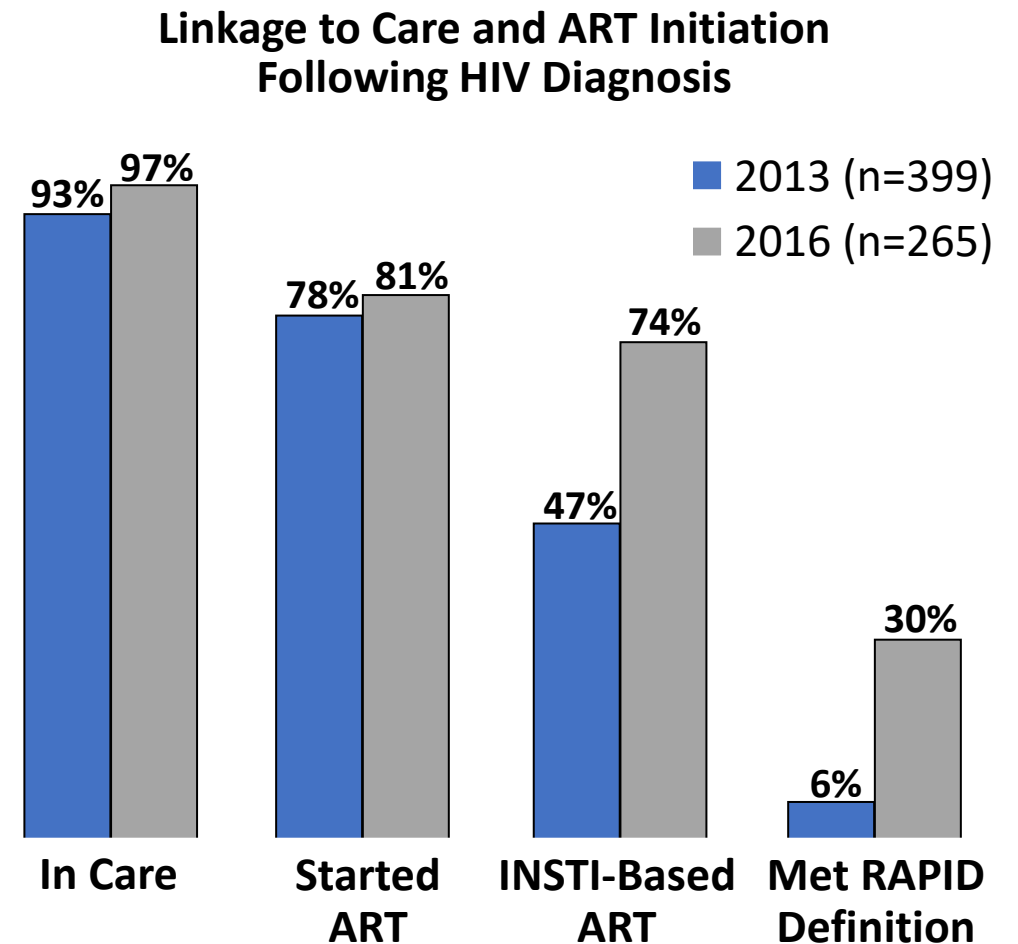
Time to Viral Suppression in Patients Newly Diagnosed HIV+ at UCSF With RAPID vs Prior Periods



San Francisco Getting to Zero Consortium's Citywide Rapid ART Program for HIV Diagnoses (RAPID)

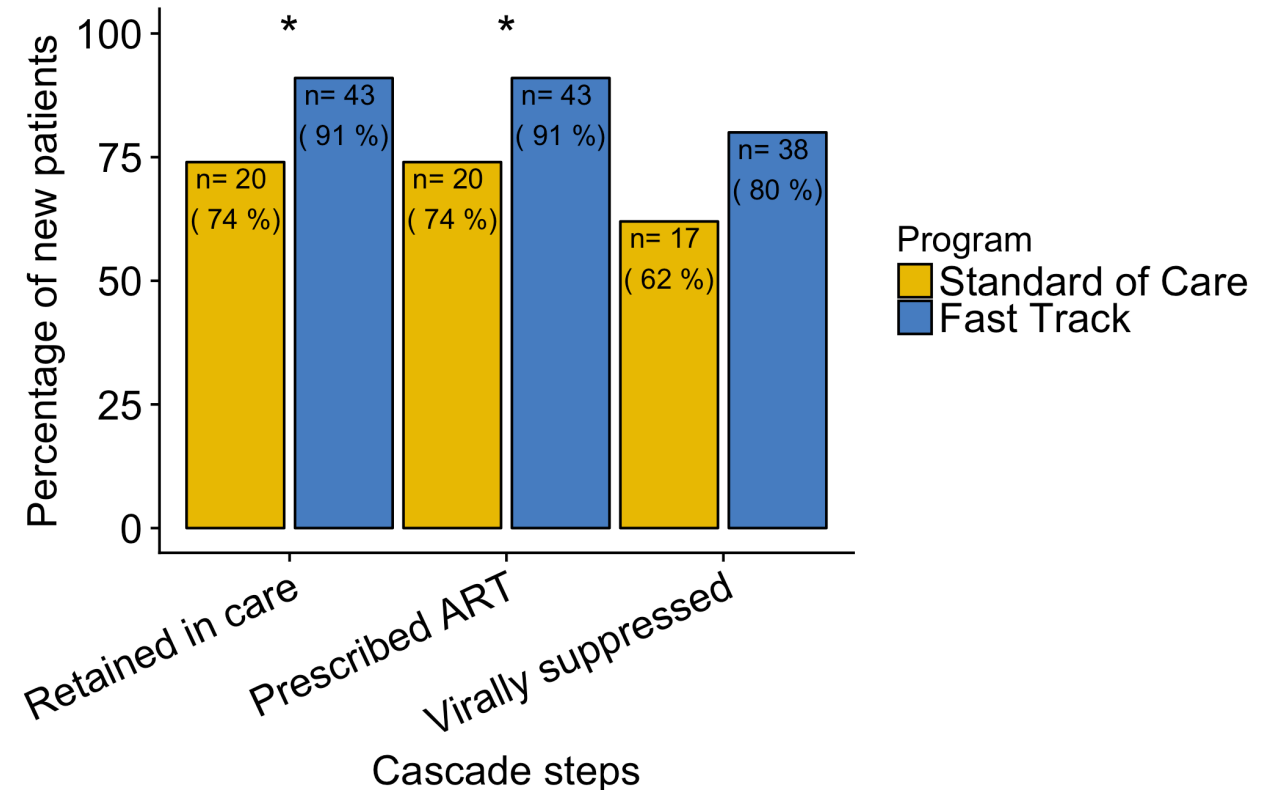
- All new confirmed HIV diagnoses linked to care within 5 working days
- First care visit: BL labs collected, counseling, medical/psychosocial assessment, ART initiation unless patient at risk for fatal IRIS
- Median time from care to ART
 - Decreased from 27 to 1 day
- Time to first virologic suppression
 - Decreased from 134 to 61 days
- Patients diagnosed and linked to care in ≤ 5 days and ART initiated within 1 day increased from 6% to 30%

Those With HIV Diagnosis (%)



Newly Diagnosed using Fast Track/EIS and Retention Hospital of Saint Raphael, New Haven, CT

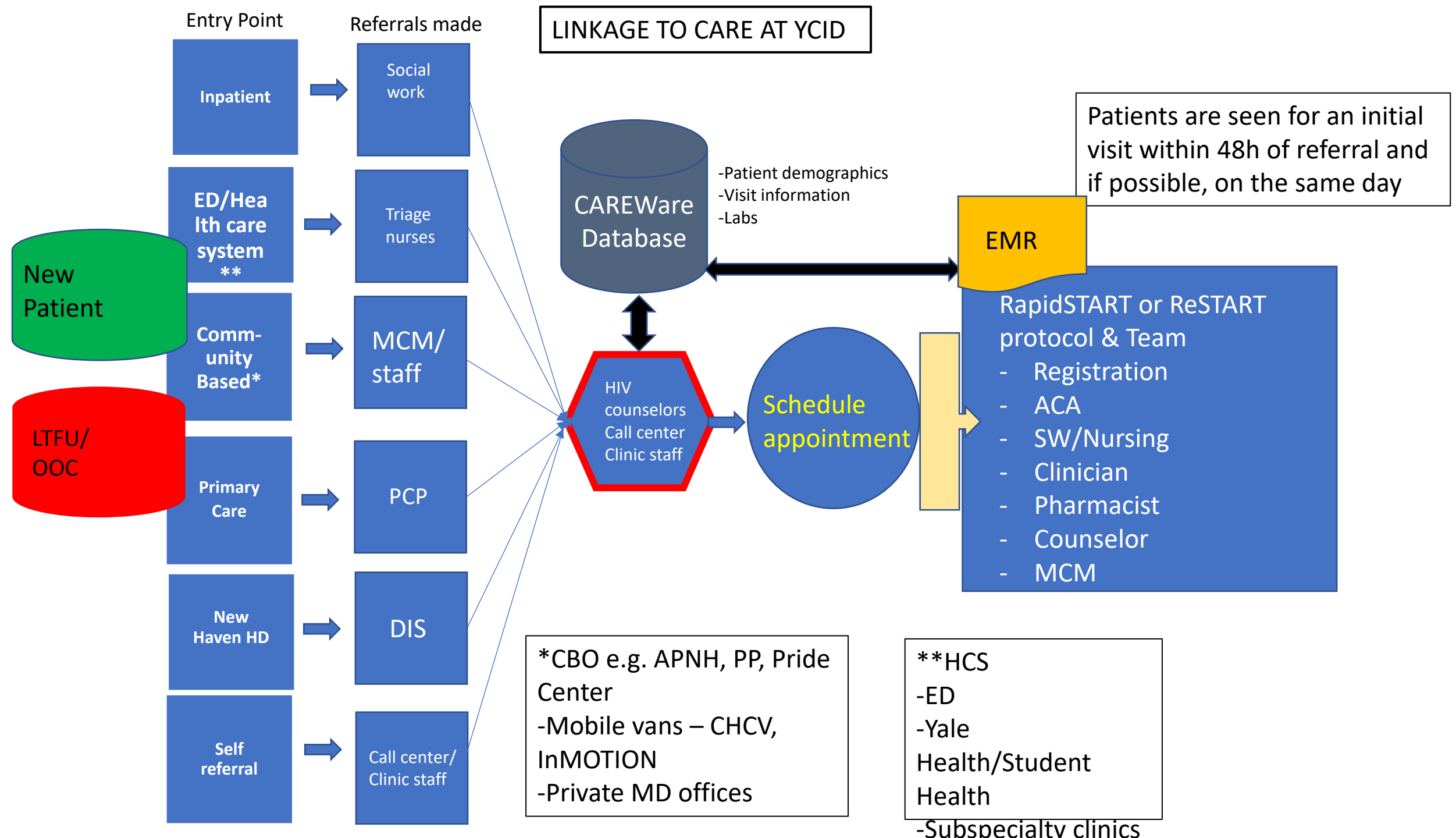
- The Fast Track group: predominantly young males (87%);
- Median age of 31y.
- MSM 72%
- 49% were black of non-Hispanic race.
- Median time to the first HIV clinic visit was 9 days (IQR 0-19 days).
 - 50% seen w/in 1 day of the referral;
 - 91% were on ART within one year of diagnosis.
 - Median time to ART start from the 1st clinic visit was 14d.
- 91% retained in care
- Reasons for leaving included moving out of state or transferring care to another clinic.
- The majority of patients were started on an integrase-based regimen with a STR.
- 80% achieving complete viral suppression (<20 copies) within the first year.



Percentage of new clinic patients in either the fast track or standard of care program who went on to further steps in the HIV continuum of care. Retention in care defined as ≥ 2 clinic visits more than 90 days apart. * = Statistically significant difference ($p < 0.05$)

Linkage: How are we Shaping the Future?



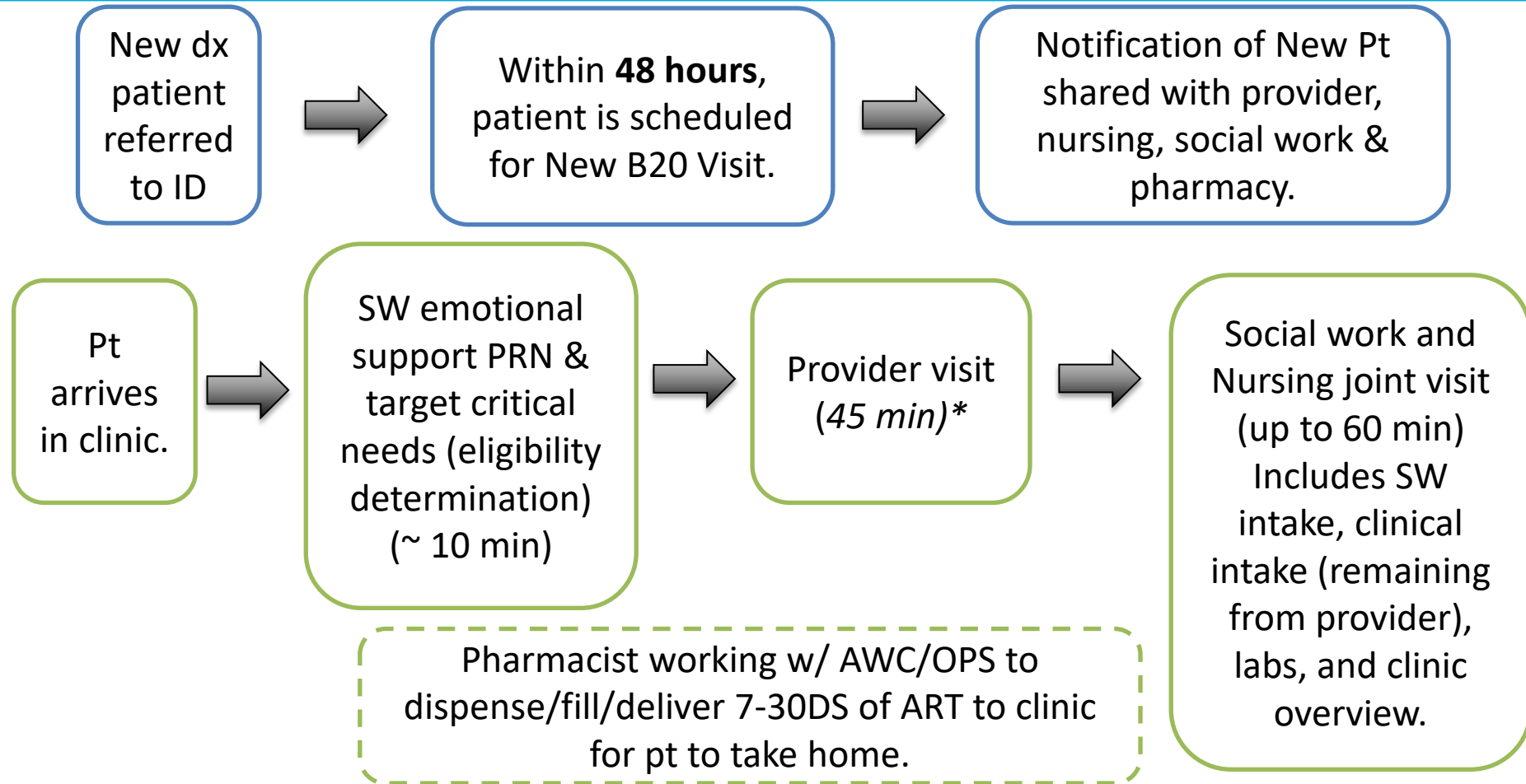


YNHH Infectious Disease Clinics

Rapid Start HIV Procedures

May 2022

Overview



*Provider to place eRX for ART (to AWC or OPS) at beginning of visit so pharmacist can address while visit is on-going.

Tasks for RAPID Start Team Members

Registration	ACA	SW/MCM	Nursing	Clinician	Pharmacist	Prevention
<ul style="list-style-type: none"> • Demographics • Insurance 	<ul style="list-style-type: none"> • Chief complaint • Height and weight • Vital signs • Fall risk • Allergies • PHQ-2 	<ul style="list-style-type: none"> • Nutrition • Functional status • PHQ -9 • Abuse and neglect • Substance use • Psychosocial status • SI risk • Ryan White eligibility • Insurance 	<ul style="list-style-type: none"> • Pain (vital sign) • Learning needs/Communication needs • Nutrition • Functional status • Medications /Allergies • SI risk • PHQ -9 • Abuse and neglect • Substance use • Skin • Immunization status • Present medication • Overview of the clinic 	<ul style="list-style-type: none"> • Chief complaint • Previous medical/surgical history • History of current illness • Medications/Allergy • SDH • Pain • Functional status • Physical Exam • Immunization status • Health Maintenance • Substance use screening - tobacco/alcohol/drugs • Medical Plan 	<ul style="list-style-type: none"> • Medication review/reconciliation • Allergies • Pharmacy Benefit • Initial ART Rx 	<ul style="list-style-type: none"> • Welcome to the clinic • Review Plan • Offer services if needed • Community connections • Wrap Up

Clients with new HIV+ dx and referrals

Number (#) of Linkages Made (HIV Positives)	
Overdose Prevention/Naloxone Distribution	
HIV Medical Care	14
Medical Case Management	14
Mental Health Services	
Partner Services	14
STD Screen & TX	14

| Page



Hepatitis C Screening	14
TB Screening	14
Substance Use TX	0
Drug User Health (SSP)	
Domestic violence programs	
Sexual assault programs	
Other (Specify):	
Total Number of HIV Positives linked to services:	14

First annual review - 2024

New Dx cases that were seen at YCID within the calendar year

- Source of OP referral
 - Self, ED, Urgent care, Planned Parenthood, NH Health Department, Primary care (including Yale Health), other specialty clinic
- Demographics (Table)
- Viral suppression data – 1,3,6 months (Table)
 - 100% started on BIKTARVY
- Retention in care
- Barriers to starting ART or “protocol deviations”

Rapid Start

Total New Dx – N= 20	M = 16 (80%)	F = 4 (20%)
Age Range	19 y to 65 y	41 y to 53 y
Hospital:OP	4:12	1:3
△ Dx to Tx (days)	4.81	1.67
Viral Suppression M1	82%	75%
M3	82%	75%
M6	6/7 (86%)	100%
Retention in care	missing data; LTFU=1	100%