

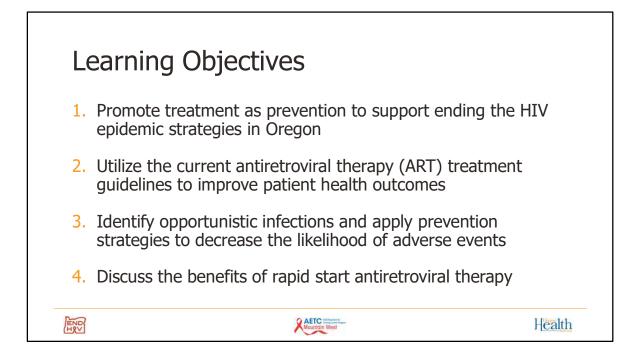
What is a learning collaborative?

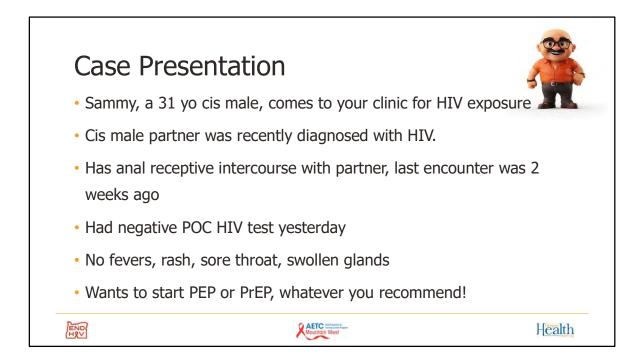
- Place to ensure shared foundational knowledge
- Ask questions to understand the basics
- Share knowledge and experience
- Learn together! I'll share why I am here but there is a lot of shared knowledge in the room that we can all learn from.
- Hope this will be interactive as possible while also acknowledging I am here to share information and resources so it may fall more towards the didactic end of the continuum

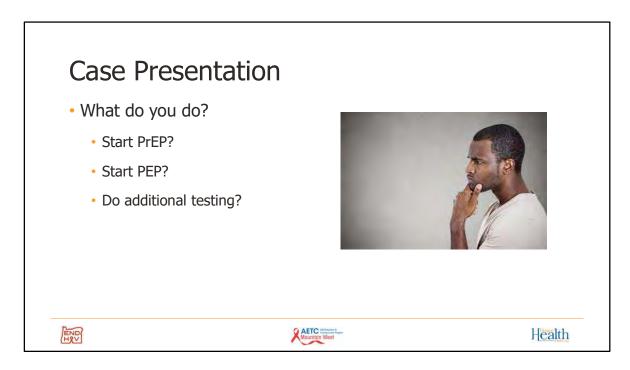


JD Armstrong (he/him)

- Family Medicine with Obstetrics
- HIV Specialist
- Program Director for Sea Mar Salmon Creek CHC Rapid ART Program
- Based in Vancouver, WA

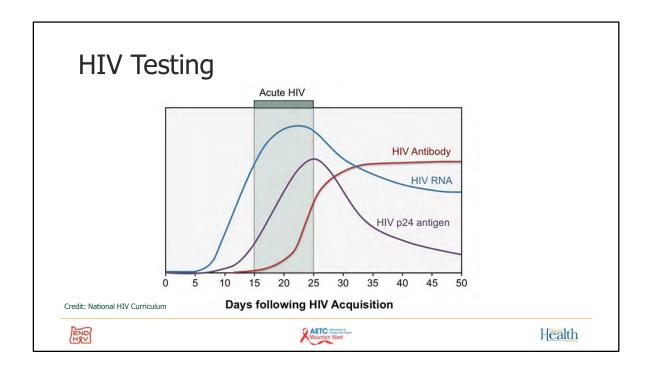


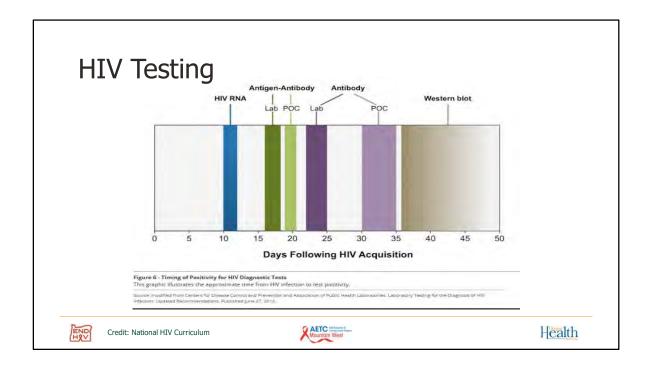


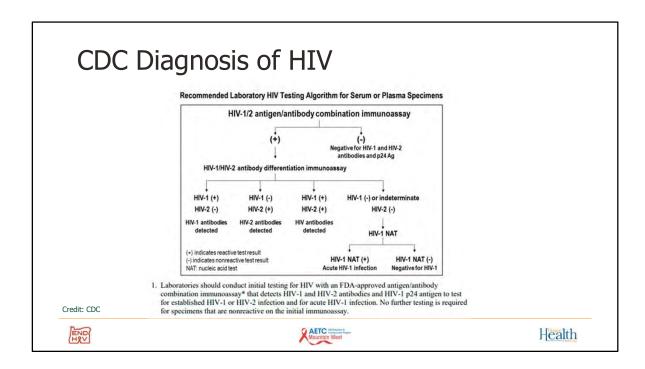


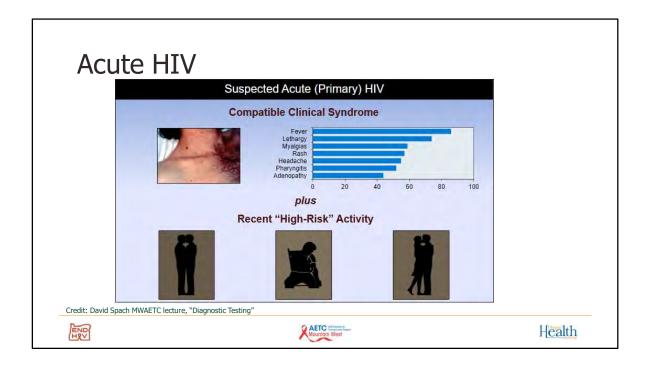


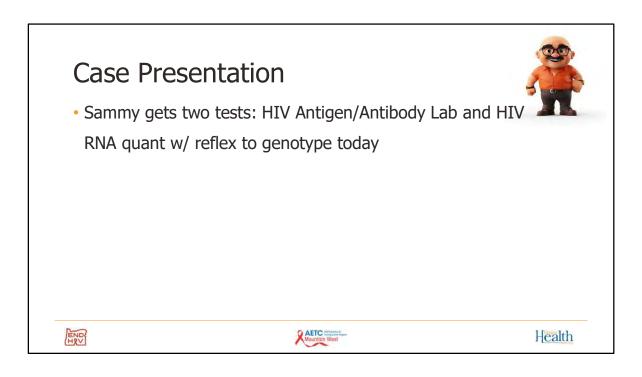
Put registration link in the chat



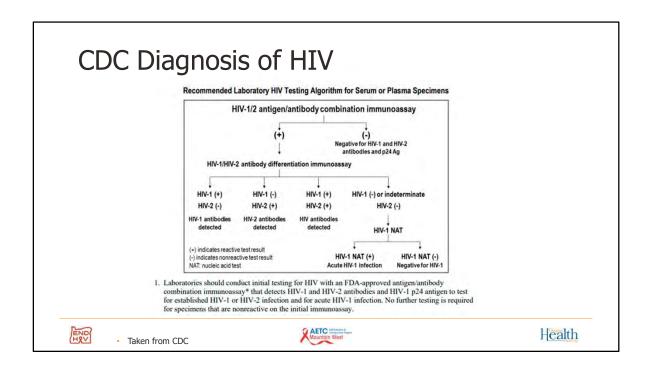


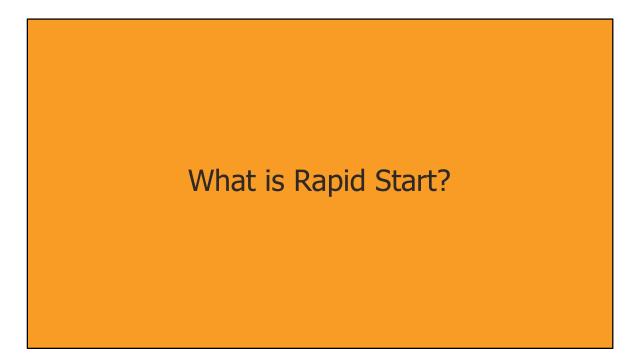






Case Presenta	tion	
 Image: A constraint of the second sec	2023 6/23/23 09:01	 What do you do with these
HIV Antigen/Antibody	REPE ! 🗈	
HIV 2 ab		results?
HIV 1 ab confirm	POSITIVE !	 Wait for RNA to come back?
HIV QUANT 🛛 🖄 🖈		
HIV 1 RNA PCR Log 10		 Wait for genotype testing to know
HIV 1 RNA	1	resistance?
		Start Medications?
	AET	an West





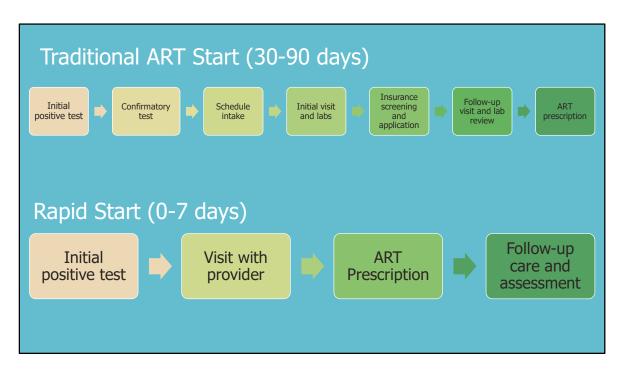
Also is known as "rapid ART," "same-day ART," and "treatment upon diagnosis."

ne experts say?			
with HIV.	days or as soon as possible for those HIV.		
rapy provided to a person within or HIV or re-engaging in HIV ca istance Provider, Target HIV (2024)	in 7 days of are.		
	e diagnosis of HIV n on the same day		
	with HIV. ⁰²³⁾ rapy provided to a person within or HIV or re-engaging in HIV ca ^{istance Provider, Target HIV (2024)} ment as soon as possible after the		

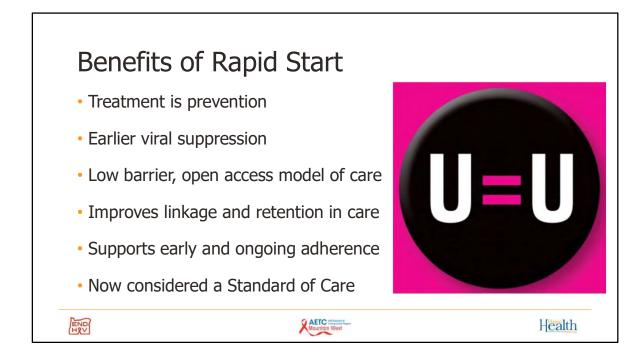
What similarities do you notice? What differences?

We're going to talk more about the importance of definitions a little later.

https://aidsetc.org/resource/rapid-immediate-art-initiation-restart-guide-clinicians https://targethiv.org/rapid-art-dap https://www.cdc.gov/hiv/effective-interventions/library/rapid-antiretroviral-therapytoolkit/toolkit-rapid-art-toolkit.pdf



Example from the clinic I worked at

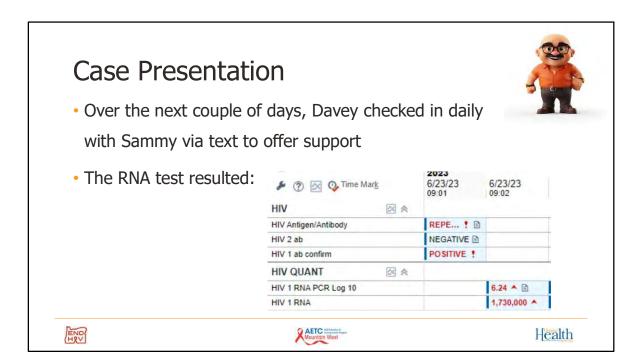


Recommended regimens are tho	Recommended Initial Regimens for Most People With HIV se with demonstrated durable virologic efficacy, favorable tolerability and toxicity pice of ART during pregnancy should be guided by recommendations from the Perinatal Guidelines.	
	tory of using CAB-LA as PrEP, one of the following regimens is recommended ^a :	
 BIC/TAF/FTC (AI) DTG plus (TAF or TDF)^b plus (FT) 	C or 3TC) (AI)	
	luals with HIV RNA>500,000 copies/mL, HBV coinfection, or in whom ART is to be / genotypic resistance testing for reverse transcriptase or HBV testing are available.	
	CAB-LA use as PrEP, INSTI genotype resistance testing should be performed before d before results of genotypic testing results, the following regimen is	
 DRV/c^c or DRV/r with (TAF or TD 	F) ^b plus (FTC or 3TC)—pending the results of the genotype test (AIII)	

"Immune Reconstitut	tion Inflammatory Syndrome"	
Per DHHS guidelines	: "Concerns regarding immune reconstitutio	n inflammatory
syndrome (IRIS):	For some OIs, such as cryptococcal and TB menin	gitis, immediate ART
initiation may increas	se the risk of serious IRIS. A short delay before ini	tiating ART may be
warranted.35-38 After	ART initation, the patient should be closely monito	ored for signs and
symptoms associated	d with IRIS."	
Cryptococcal or TB m	neningitis are really the only exclusion criteria	
• GFR <30: may used	kidney dosed dolutegravir and lamivudine, may ne	eed consultation with
specialist if more cor	nplex	

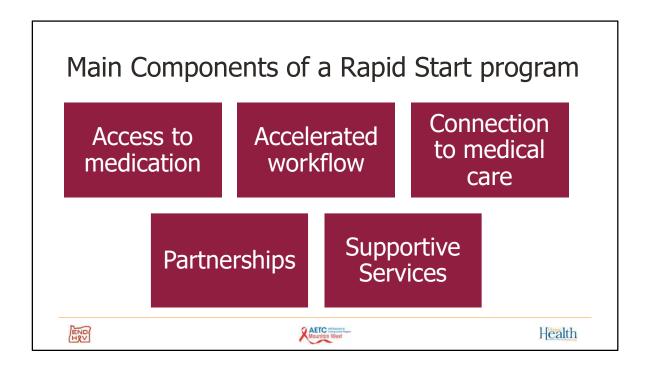
Case Prese	entation	
 Davey, the clinic's HIV peer navig lab resulted. 	gator, got the patient a ride to clinic for a same day	y Rapid Start visit when the
• Dr. Armstrong explained the diag contraindications to Rapid Start	nosis of HIV, HIV 101 (U=U, etc), and verified tha	t the patient had no
Dr. Armstrong prescribed Bictegra	avir/Emtricitabine/Tenofovir alafenamide combo pi	il, one pill once a day
The patient had additional labs d medication and took their first do	lrawn after the visit, and went to the clinic's pharm ose in the exam room.	nacy to pick up their
The patient met with the Elizabet	th, the clinic's integrated mental health therapist p	prior to discharge
 The patient was referred to a local appointment prior to leaving clini 	al NGO for case management services. Davey help ic that day	ped patient make an intake
	Mountain West	Health

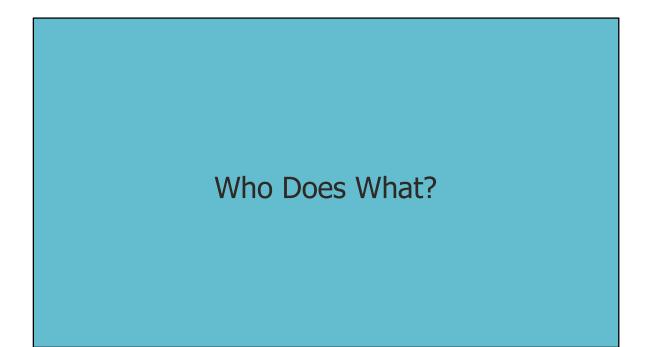
	Lab (17)	Diagnosis Codes
Initial Labs	HIV ½ AG & AB w/RFLX (4th gen) if not previously drawn by HSC	B20
	HIV-1 RNA Quant Real Time PCR, Plasma	B20
	HIV DNA; Genotype (87901)	B20
	HLA B5701	B20
	Lymphocyte Subset 4: T cells/Abs CD4/CD8 Count w/Ratio	B20
	CBC with Auto Diff	B20
	CMP	B20
	Hepatitis B Surface AG, EIA with Reflex Confirm	B20 + Z11.59
	Hepatitis B Core AB Total	B20 + Z11.59
	Hepatitis B Surface AB Quant	B20 + Z11.59
	Hepatitis A AB, Total with Reflex to IGM	B20 + Z11.59
	Hepatitis C AB w/rflx HCV RNA, QT, RT, PCR	B20 + Z11.59
	RPR, Screen (MCHD), (LV5344)	B20 + Z11.3
	Toxoplasma Antibody IGG	B20 + Z11.8
No.	TB Quantiferon Gold (OSPHL) (LV3436)	B20 + Z11.1
Taken from HHSC Rapid ART protocol	Pregnancy test, Urine (if patient has a uterus)	B20

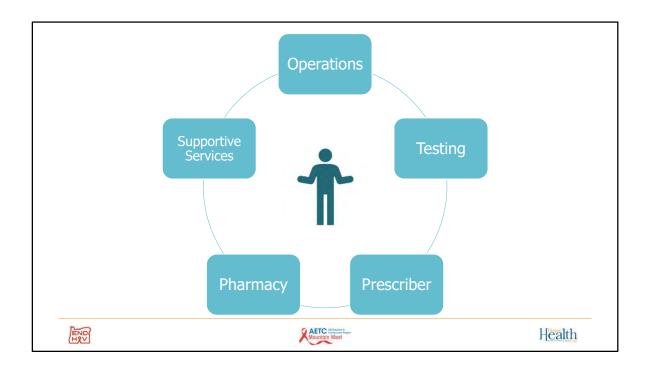


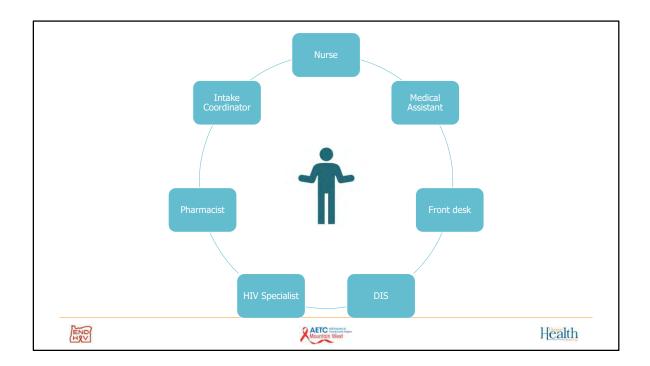
Case Presenta	ation				
 Sammy had a phone 	e visit with Dr.	Arms	strong 7	days la	ter 🧵
to discuss additiona	l lab results cl	heck	for signs	of IRI	S
		neek	ior signs		5
 1 month later the particular 	atient had ano	ther i	n persoi	n visit t	0
 1 month later the particular technologies 	atient had ano	-	2023 6/23/23	6/23/23	7/26/23
 1 month later the particular technologies recheck viral load: 	Total Sectors	-	2023		
	👂 🕐 🔯 🐼 Time Mar	r <u>k</u>	2023 6/23/23	6/23/23	7/26/23
•	 ⑦ 🐼 📀 Time Mar HIV 	r <u>k</u> ⊠ ≈	2023 6/23/23 09:01	6/23/23	7/26/23
•	 Time Mar HIV HIV Antigen/Antibody 	r <u>k</u> ⊠ ≈	2023 6/23/23 09:01	6/23/23	7/26/23
	 Time Mar HIV HIV Antigen/Antibody HIV 2 ab 	r <u>k</u> ⊠ ≈	2023 6/23/23 09:01 REPE ! ₪ NEGATIVE ₪	6/23/23	7/26/23
•	Time Mar HIV HIV Antigen/Antibody HIV 2 ab HIV 1 ab confirm	r≰ ₩ ⊗	2023 6/23/23 09:01 REPE ! ₪ NEGATIVE ₪	6/23/23	7/26/23

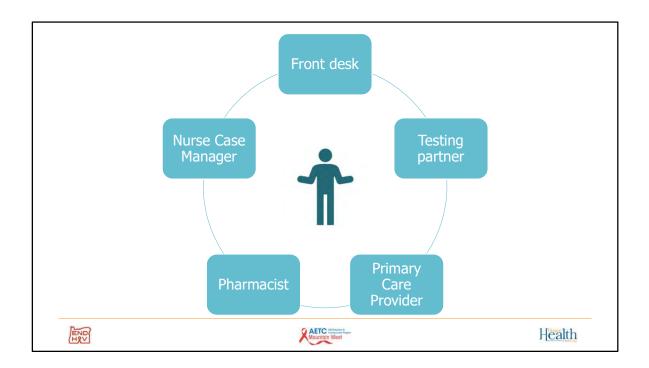
Where to Start?







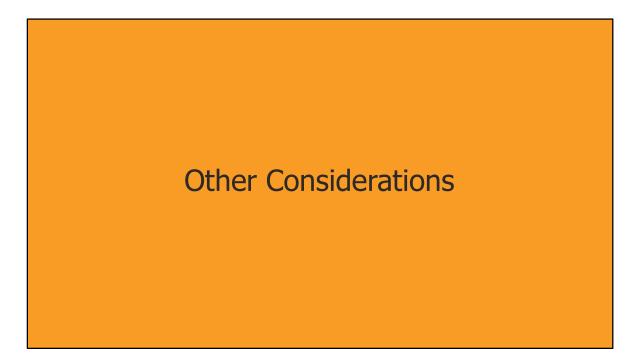




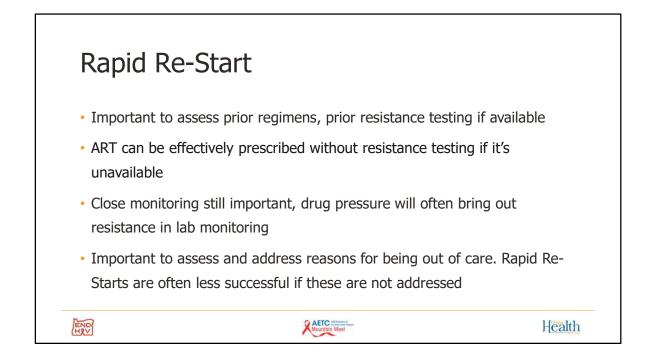


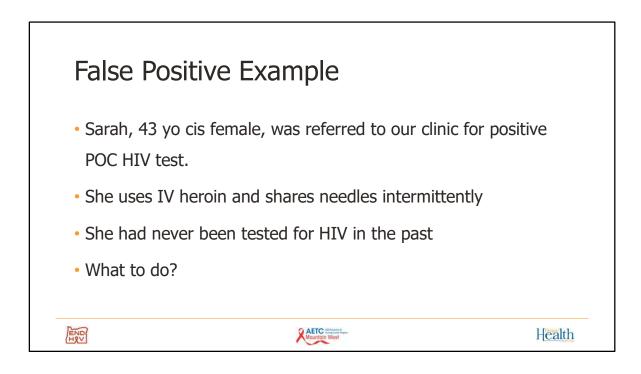


Another role we will talk more about next session is your Rapid Start champion. This person is a strong supporter of Rapid Start, has some influence/power at your site to make changes or bust barriers, and is critical to securing the buy-in you will need to be successful.



Also is known as "rapid ART," "same-day ART," and "treatment upon diagnosis."





Dolutegravir + T	enofovir D Fumarate/	Emtricitabine (2	pills once per day)	
		infection. The HIV-1 F	NOT DETECTED tted. No laboratory evidence of HIV NNA Qualitative Real Time PCR assay	
	1	screening and diagnost	e as part of a multi-test HIV-1/HIV- tic algorithm. This assay can also determinate HIV-1 antibody assay	
	2/19/2022 1627	results, and to test i than 2 years old. When screening and diagnost	for HIV-1 infection in patients less h a 4th generation HIV multi-test the algorithm is used: If the test matedly reactive HIV-1/2 Antigen/	
HIV		confirmatory tests for	ion) screen, followed by negative r HIV-1 and 2 antibodies and	
HIV Antigen/Antibody	REPEATEDLY REA *	non-specific ("biologi	most likely interpretation is a ical false positive") reaction in	
HIV 2 ab	NEGATIVE *	laboratory evidence of	reening assay. There is no current f HIV infection. Repeat testing on	
		a second specimen is not generally indicated appropriate if there are known risk factors HJV exposure.		

