

#AIDS2022

- Katy Godfrey, OGAC, United States
- DSD for HIV treatment in 2022

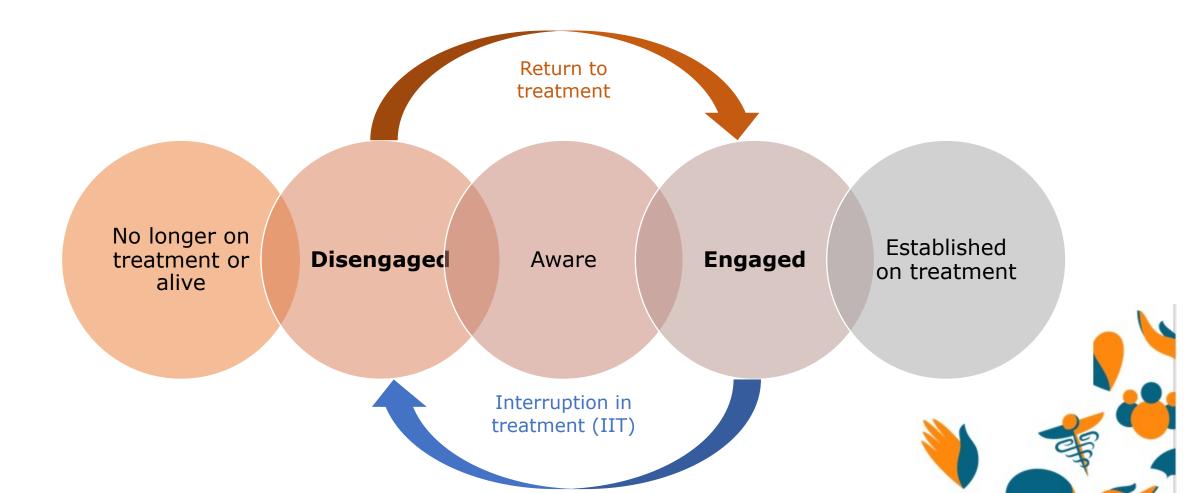
Changing epidemic: From initiation to reengagement



I have no relevant financial relationships with ineligible companies to disclose



Engagement and reengagement in ART





What do we know about interruptions?

- Age and sex
- Early in treatment vs late





Number, age and sex of individuals with HIV supported by PEPFAR (FY22 Q2)

Global				
50+	2,108,411	1,582,787		
45-49	1,345,539	914,220		
40-44	1,688,369	981,551	4	
35-39	1,955,039	921,141		
30-34	1,741,505	665,709		
25-29	1,337,114	411,115	b	
20-24	711,716		Ľ	
15-19	252 <mark>,5</mark> 8			
10-14	16 <mark>1,</mark> (73			
05-09	112/212			
01-04	€ 1,875			
<01		4,731	V	
	Female Male			
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Treatment interruptions by age and sex

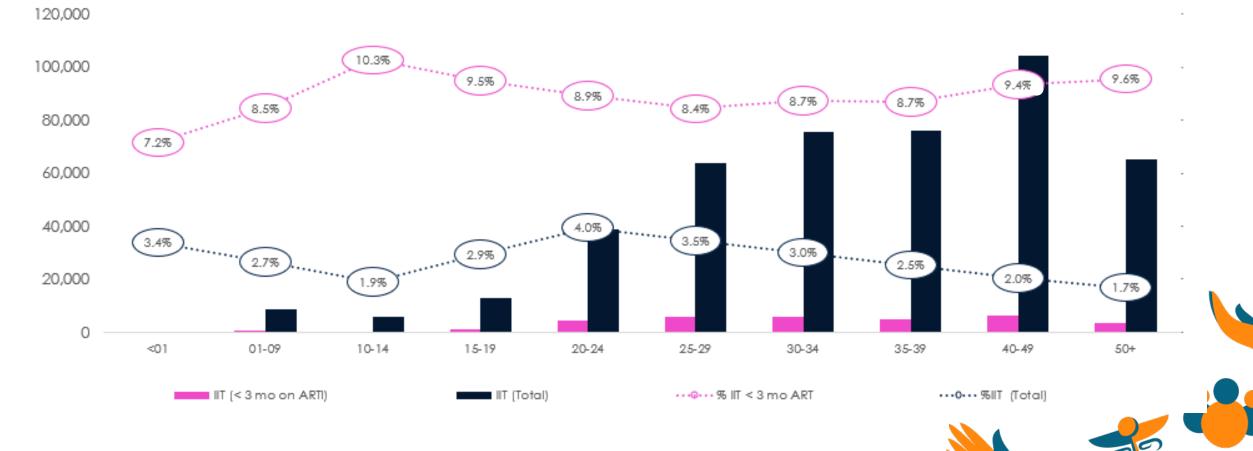
ment (TX_ML_II ⁻	erruptions in Treatr	Percent of Inter	Number of Interruptions in Treatment (TX_ML		
		Global			Global
2.14%	1.77%	50+	6,155	6,596	50+
2.44%	1.74%	45-49	4,305	4,225	45-49
2.86%	2.01%	40-44	5,576	6,285	40-44
3.33%	2.39%	35-39	6,579	8,719	35-39
3.81%	2.89%	30-34	6,281	10,331	30-34
3.93%	3.49%	25-29	4,707	10,849	25-29
3.85%	4.18%	20-24	,570	8,332 2	20-24
2.74%	3.45%	15-19	2,638		15-19
2.02%	2.12%	10-14	8	6	10-14
2.47%	2.47%	05-09	5/3	5	05-09
3.57%	3.58%	01-04	516		01-04
3.53%	3.56%	<01	159		<01





Interruptions in treatment (FY22 q2)

Number and percent IIT by time on ART and fine age



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What about re-engagement?

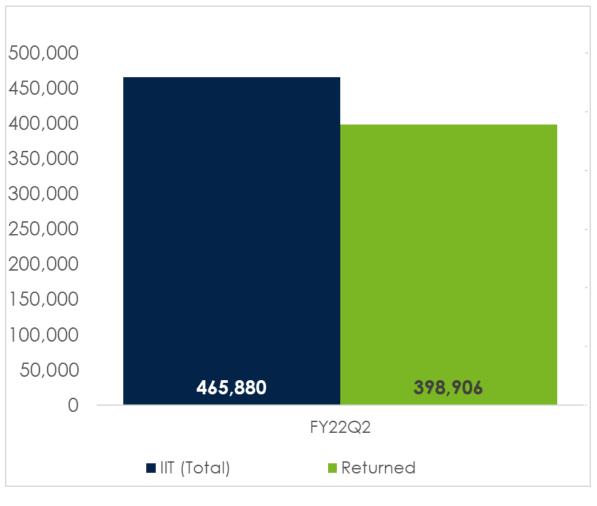
We can look at re-engagements in addition to interruptions

- Returns are defined as the number of individuals returning to care after having been out <a>> 28 days since the last expected contact with the health system
- Aggregate data-so this does not follow a particular individual
- We would like returns to match interruptions.





Returning individuals to ART (FY22 q2)

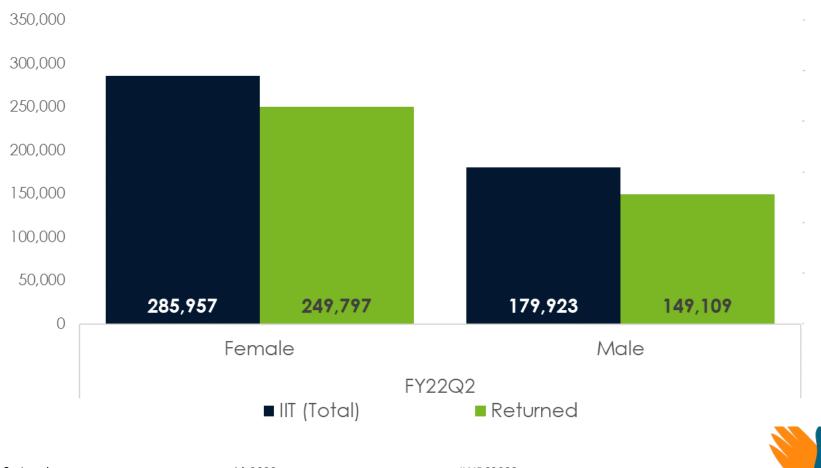




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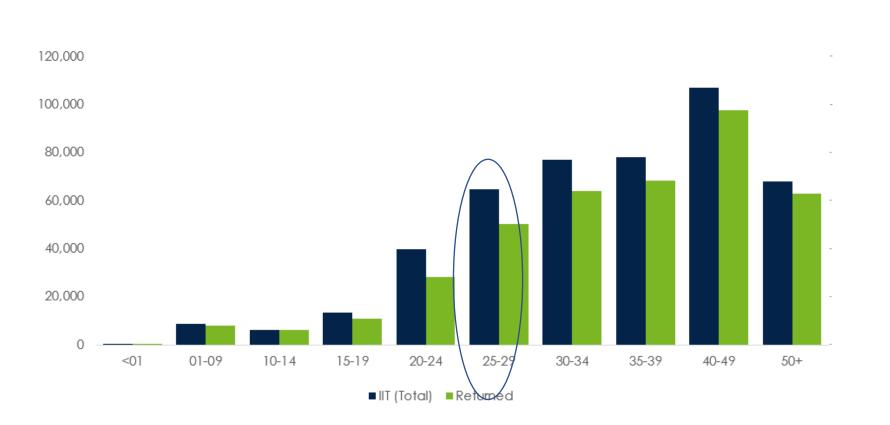
Re-engagement by sex FY22 q2



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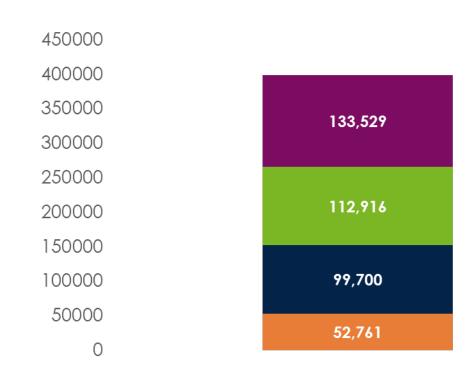


Reengagement by age FY22 q2





Length of interruption before return FY22q2



- Returns (Duration interrupted + 6 months)
- Returns (Duration interrupted 3-5 months)
- Returns ((Duration interrupted < 3 months)</p>
- Returns (Duration interrupted unknown)



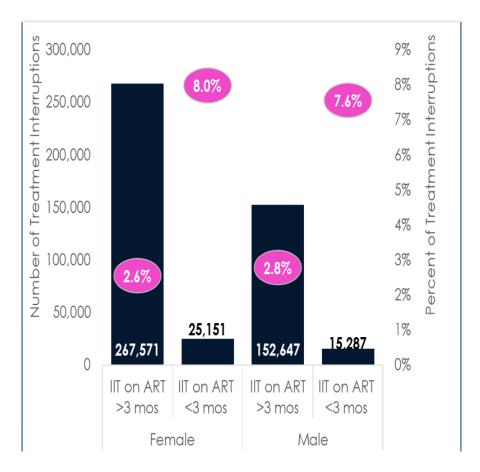
What about the re-engagers?

- Why do they come back?
- When do they come back?
- Where do they come back?
- How do they re-engage?





Number and percent of interruptions by duration on ART (45 countries)





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Other considerations

- 1. Package of care upon return
 - If interrupted > 1 year need assessment for advanced HIV disease including TB
 - When to assess viral load?
- 2. Timeline for resumption of less intensive dsd models
- 3. For children assure alignment with other family members.



Acknowledgments: the interagency **RAIDS** 2022 treatment continuity community of practice

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