

# Histoplasmosis in the Americas II regional meeting

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Current status of diagnosis, treatment and  
surveillance of histoplasmosis

Region: The Caribbean

## Presenter:

Dr. Glendee Reynolds  
University of the West Indies  
Kingston, Jamaica



# The Caribbean

(Cuba, Dominican Republic, Jamaica, Trinidad and Tobago)

- Cuba:
- Dominican Republic:
  - Altagracia Pereiras, Luis Caminero
- Jamaica:
  - Glendee Reynolds & Leroy Campbell
- Trinidad and Tobago:



## Select National HIV Prevalence | 2017

Country	Number PLHIV	Adult HIV prevalence (%)	Number AIDS deaths	ART coverage (%)
Bahamas	5,300	1.9	No Data	57
Barbados	2,700	1.6	<100	49
Belize	4,500	1.9	<200	31
Cuba	30,000	0.4	<500	66
Dominican Republic	67,000	0.9	2,600	52
Guyana	8,200	1.7	<200	64
Haiti	150,000	1.9	4,700	64
Jamaica	34,000	1.8	1,500	34
Suriname	4,800	1.3	<200	51
Trinidad and Tobago	11,000	1.1	<500	62
Region	310,000	1.2	10,000	57

# The Caribbean: HIV burden

	HIV burden
Cuba	
Dominican Rep.	
Jamaica	34,000 (1.8%) in 2017
Trinidad and Tobago	
<b>Region, average</b>	

# The Caribbean: AIDS-defining opportunistic infections

	Top 5 opportunistic Infections	Fungal diseases observed with AIDS
1	<i>Pneumocystis jiroveci</i>	Cryptococcal meningitis
2	CNS Toxoplasmosis	Oral Candidiasis
3	Pulmonary Tuberculosis	
4	Infectious Diarrhoea	
5	CMV retinitis	

# The Caribbean: Availability of rapid test for histoplasmosis\*

	Antigen test	Molecular test
Cuba		
Dominican Rep.	Yes	No
Jamaica	No	No
Trinidad and Tobago		
<b>Region</b>		

\*Availability of at least one laboratory service for routine patient diagnosis

# The Caribbean: Availability of histoplasmosis treatment

	Itraconazole	D-B Amp	Lip B Amp
Cuba			
Dominican Rep.	Yes *	Yes *	Yes *
Jamaica	Yes	Yes	Limited
Trinidad and Tobago			
<b>Region</b>			

\* Available in private clinics

# The Caribbean: Surveillance for histoplasmosis treatment

	Reportable disease
Cuba	
Dominican Rep.	No
Jamaica	No
Trinidad and Tobago	
<b>Region</b>	



# The Caribbean: General comments and conclusion

- There is limited access to diagnostic tests in Jamaica for TB, Histoplasmosis and PJP (clinical diagnosis).
  - If we don't test we don't know
- Dominican Republic has testing available
- CARPHA in Trinidad acts as reference centre for many tests
- Need for training in Histoplasmosis testing as well as other fungal testing in Jamaica
- Greater access to Liposomal AmB
- Project needed to test our patients with Wasting Syndrome and TB for Histoplasmosis