

IS ELIMINATION OF HCV BY 2030 REALISTIC IN LATAM?



Prof. R Paraná
Federal University of Bahia- Brazil
HUPES-University Hospital
Gastro-Hepatology Unit

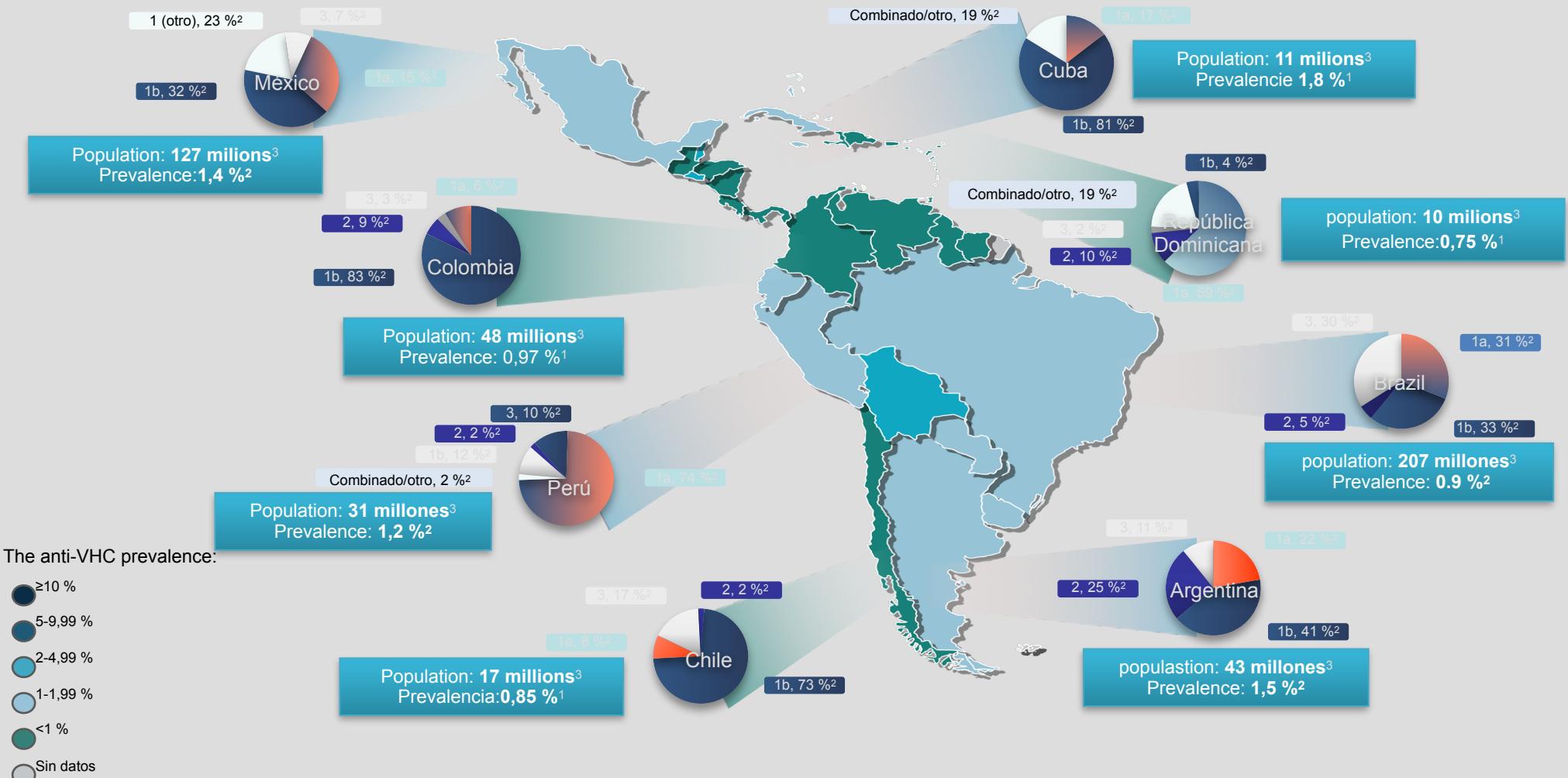


HCV in LATAM ALEH position

ALEH :

- HCV is one of the main public health problem in LATAM
- There is no robust data about HCV epidemiology in Latam
- Data from each country may be useful in other countries
- We need more informations from LATAM countries to propose a HCV broad public health policy

Estimated LATAM HCV Prevalence



1-Lavanchy D. Evolving epidemiology of hepatitis C virus. Clin Microbiol Infect. 2011 Feb;17(2):107-15.

2-Gower E, Estes C, Blach S, Razavi-Shearer K, Razavi H. Global epidemiology and genotype distribution of the hepatitis C virus infection. J Hepatol. 2014 Nov;61(1 Suppl):S45-57.

3_United Nations Department of Economic and Social Affairs/Population Division 59 World Population Prospects: The 2015 Revision, Key Findings and Advance Tables

Only 3 LATAM countries have > 50% of HCV patients in the all continent



World Health Organization. Hepatitis C, Fact Sheet; WHO: Geneva, Switzerland, 2017

Polaris Observatory ...Cheinquer H, et al. Lancet Gastroenterol Hepatol. 2017

HCV Prevalence was overestimated in the last decade but is still high Brazil and probably many LATAM countries

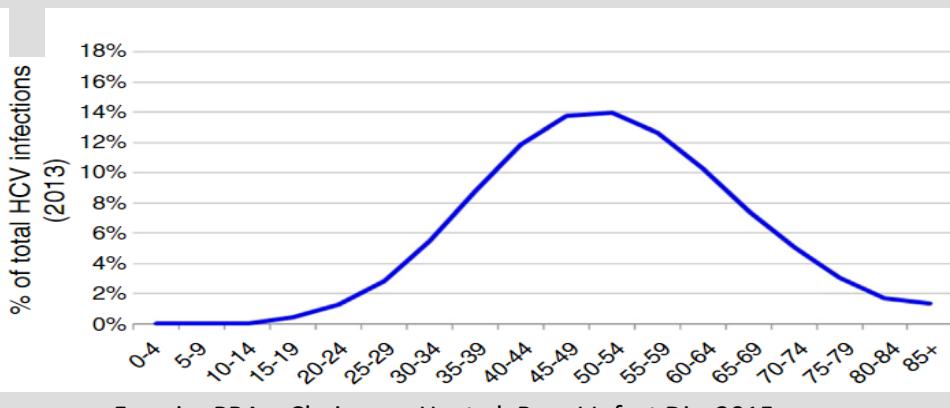
Brasil 2013

↓ 1 milhão em 4 anos?

Brasil 2017

Disease burden of chronic hepatitis C in Brazil

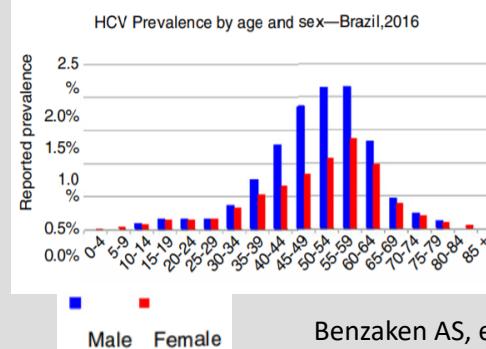
Based on these inputs, the prevalence of HCV viremic individuals peaked in 1996 at 2,255,000, and a total of 1,938,700 were viremic in 2013. (1% of the population). ~1,0%



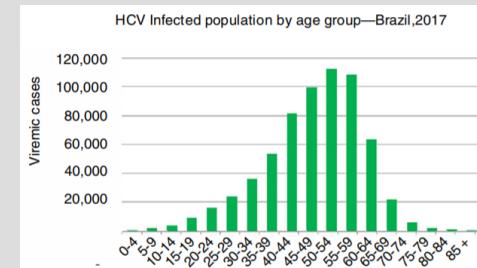
Ferreira PRA,...Cheinquer H, et al. Braz J Infect Dis, 2015

Hepatitis C disease burden and strategies for elimination by 2030 in Brazil. A mathematical modeling approach

It was estimated that the number of HCV-RNA+ individuals in Brazil in 2017 was 632,000 (0.31% of the population). ~0.3%



Benzaken AS, et al. Braz J Infect Dis, 2019



Brazilian Exemple atual da hepatite C ~700.000 viremic Patients



How about public policies?

Few countries with strusturated Hepatitis facing program

Public system has no conditions to do na universal screening program

We need to define:

Insist in Universal screening, despite all operational problem

Or

Focuses on Groups of risk (MSM, IVDU, > 40 yo, HIV patients , etc)

The last one was the Brazilian choice

HCV ELIMINATION IN LATAM

Barriers

- Medication cost
- Non pangenotypic treatment
- Access to genotype and HCV-RNA in many countries
- Awareness of the health professionals
- Structure of public health system

Current Oportunities

- Pangenotypic drugs
- Diagnosis and treatment conducted by non – Hepatologist (GP)
- LALREAN´s ESRD ECHO

How to face HCV in this scenario?

COVID 19 is a disaster in many LATAM Country



It is not enough to face the Sars cov 2 vírus
We also need to face the vírus of Intolerance, totalitarism and "denialism"

There is no evidence that LATAM could eliminate HCV by 2030

GRACIAS

Obrigado

Merci

Thank you