



# **BIKTARVY ...** **la opción de switch más fácil y segura** **en el paciente VIH migrante**



UNIVERSIDAD DE OVIEDO



Vigo, 6-7 marzo 2026

**DR. VÍCTOR ASENSI**  
Unidad de Enfermedades Infecciosas - VIH  
UGC Medicina Interna  
HOSPITAL UNIVERSITARIO CENTRAL DE ASTURIAS  
UNIVERSIDAD DE OVIEDO



# Caso clínico real

- 
- Varón de 38 años. Natural de Perú. Lleva 2 años en España
  - Periodista en su país, aquí trabaja en hostelería
  - Consumo social de alcohol. No fumador
  - Homosexual
  - Diagnosticado de VIH categoría A2 en 2016 en Perú coincidiendo con diagnóstico de sífilis
  - CD4 nadir de 300/ $\mu$ l. Desconoce CV VIH cénit .Desconoce la presencia de mutaciones a los ARV
  - Inicia en Perú TAR con TDF+FTC+RAL en 2016
  - Entre 2016 y 2024 en su país mantiene CD4 entre 300-500/ $\mu$ l
  - Cargas virales VIH siempre positivas en ese tiempo entre 70-300 cop/ $\mu$ l
  - Adherencia no perfecta al TAR instaurado en Perú
-

# Caso clínico real

1ª visita en el HUCA Oviedo 20/12/23



- AST/ALT: 39/49. Colesterol total 198, HDL- colesterol 46, TG 101 mg/dl. Resto normal
- CD4 529/ $\mu$ l (39%)
- CV VIH 155 cop/ml (2,19 log)
- Se sustituye TDF+FTC+RAL por TAF+FTC+BIC (Biktarvy)
- RPR +1/4. Ante duda de reinfección → penicilina benzatina 2,4 MU IM una dosis
- Serología *Chlamydia trachomatis* IgG (+), IgA (+) → Doxiciclina 100mg x 12h x 7 días

# Caso clínico real

2ª visita en el HUCA Oviedo 24/06/24

- NO ACUDE Y NO AVISA!!!!

3ª visita en el HUCA Oviedo 24/09/24

- AST/ALT: 25/24. Colesterol total 168, HDL- colesterol 42 , TG 161 mg/dl. Resto normal
- CD4 598/ $\mu$ l (34%)
- CV VIH 69 cop/ml (1,84 log)
- Continúa con TAF+FTC+BIC (Biktarvy)

4ª visita en el HUCA Oviedo 5/02/26

- AST/ALT: 25/32. Colesterol total 104, HDL- colesterol 46 , TG 89 mg/dl. Resto normal
- CD4 707/ $\mu$ l (42%)
- **CV VIH < 20 cop/ml por 1ª vez en su historia clínica VIH**
- Serología: lúes RPR +1/2, *Chlamydia trachomatis* IgG (+), IgA(-)
- Continúa con TAF+FTC+BIC (Biktarvy)



# Evolución inmuno-virológica



Fecha	CD4	CV VIH (cop/ml)	TAR
20/12/23	529/ $\mu$ l (39%)	155 (2,19 log)	TDF+FTC+RAL
24/9/24	598/ $\mu$ l (34%)	69 (1,84 log)	TAF+FTC+BIC
16/1/26	797/ $\mu$ l (42%)	< 20 cop/ml	TAF+FTC+BIC

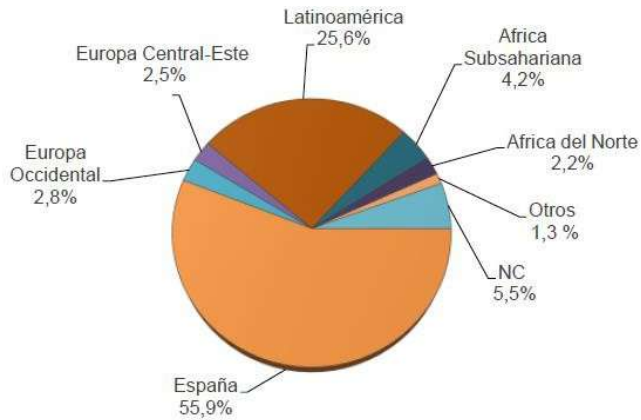
# Nuevos diagnósticos de VIH

## ZONA GEOGRAFICA DE ORIGEN

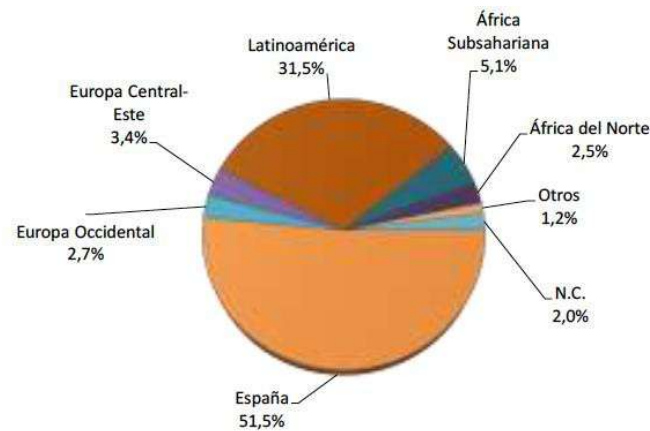
2021

2022

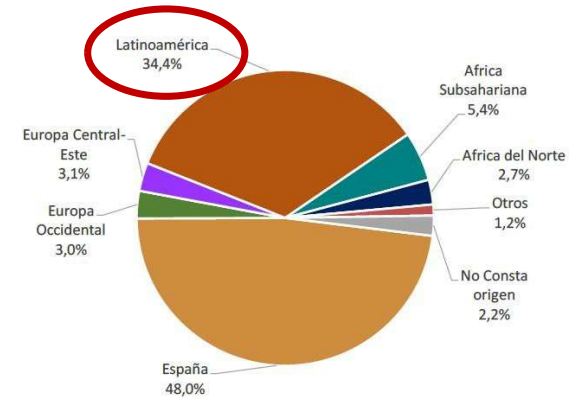
2023



n = 2.786



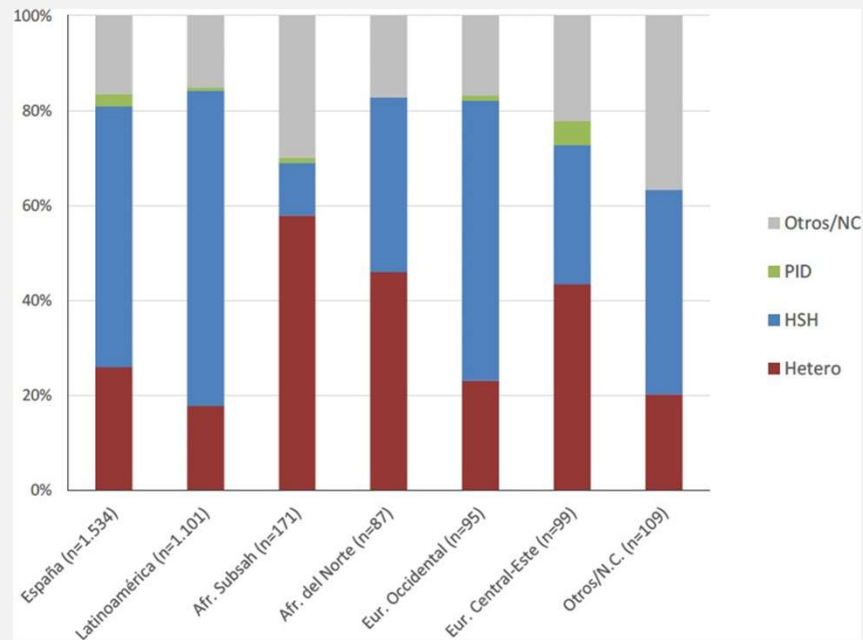
n = 2.956



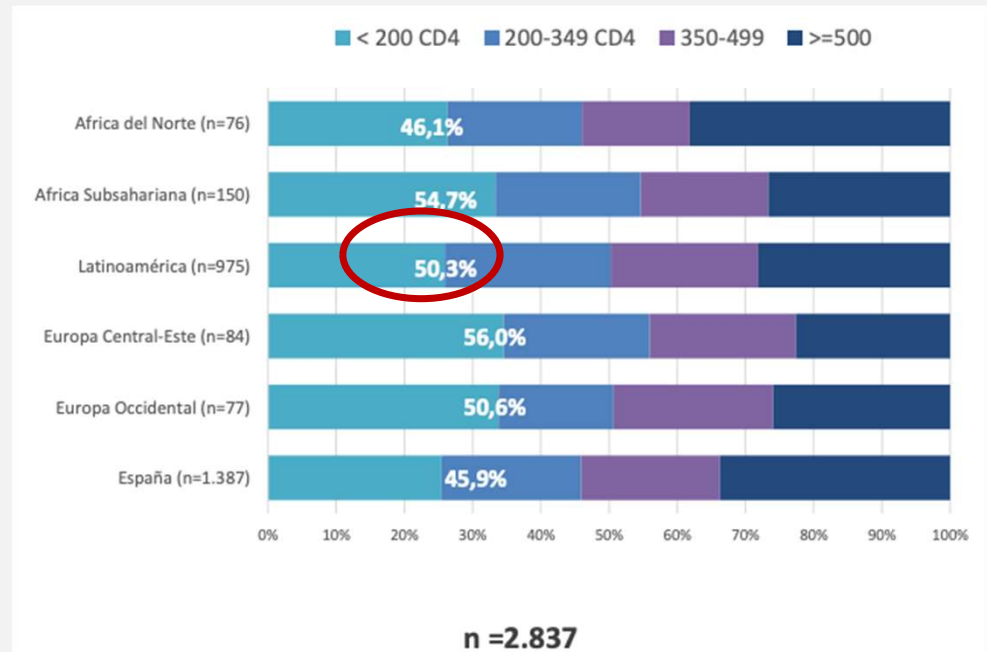
n = 3.196

# Vigilancia Epidemiológica del VIH y SIDA

## Nuevos diagnósticos de VIH Modo de transmisión según zona geográfica de origen España 2023



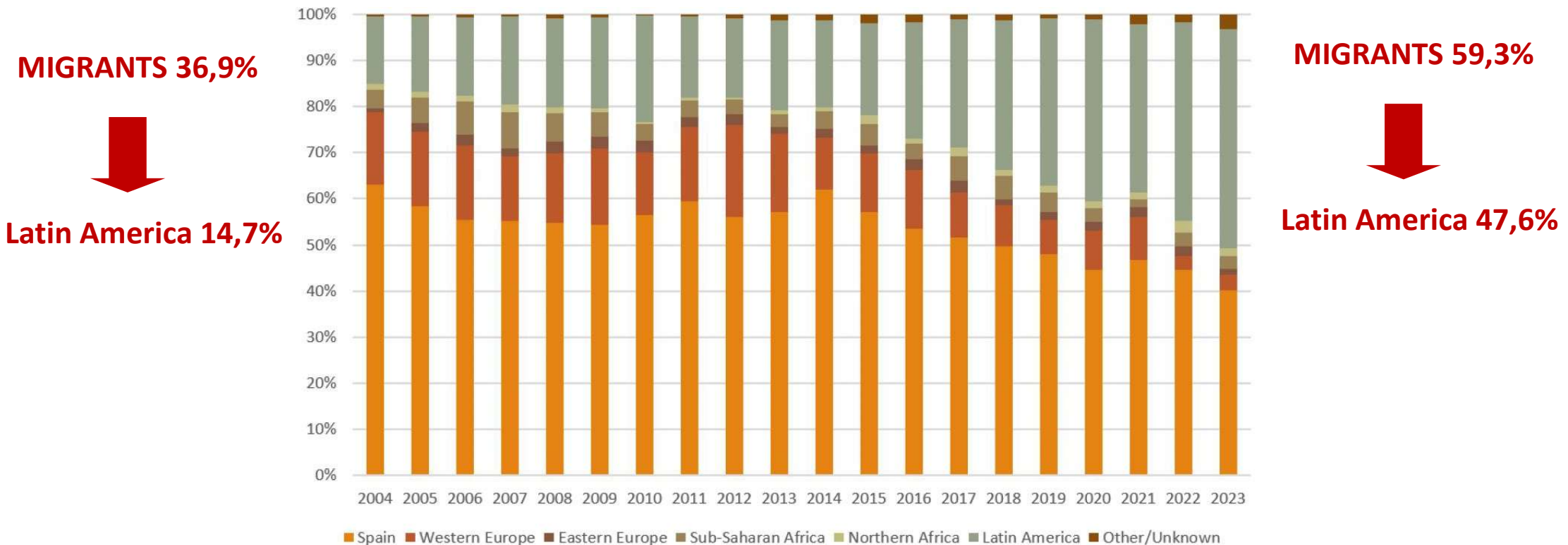
## Diagnóstico tardío de VIH según zona geográfica de origen en España, año 2023





## Two decades of HIV in Spain: Insights from the CoRIS cohort

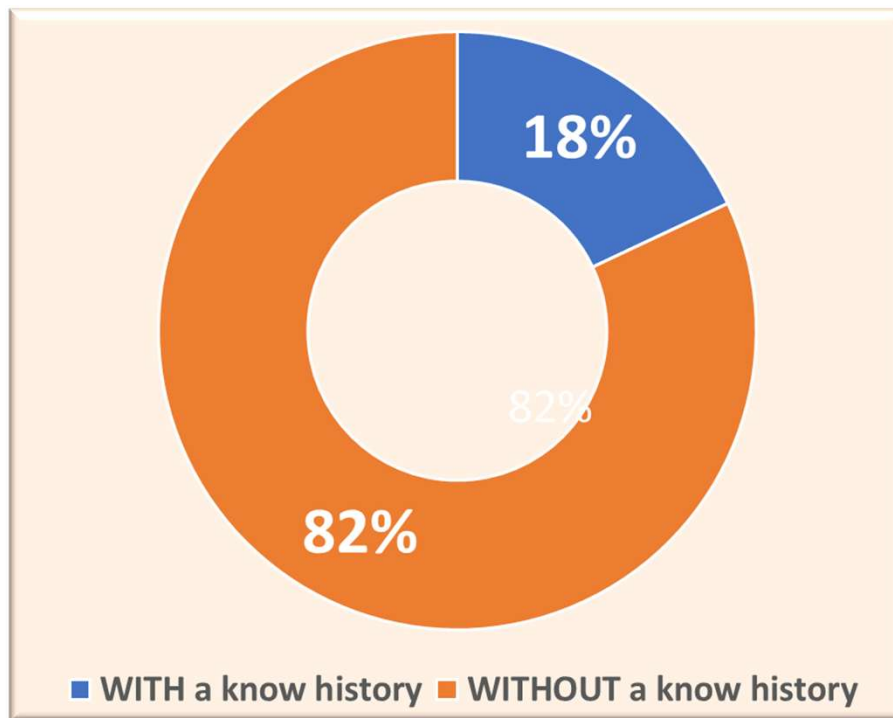
I Jarrín<sup>1,2</sup>, C Moreno<sup>1,2</sup>, C Marco-Sánchez<sup>1</sup>, T Gómez-García<sup>1,2</sup>, A Ruiz Sancho<sup>3</sup>, A Inciarte<sup>4</sup>, J Martínez-Picado<sup>5,2</sup>, L Capa<sup>6,2</sup>, J Olalla<sup>7</sup>, P Ruiz Seco<sup>8</sup>, MA De Zárraga Fernández<sup>9</sup>, C Dueñas Gutiérrez<sup>10</sup>, M Montero-Alonso<sup>11</sup>, S Moreno<sup>12,2</sup>; Cohorte CoRIS



CoRIS is an open, prospective and multicenter cohort of people with HIV (PWH), naïve to antiretroviral therapy (ART) at study entry, recruited and followed-up from 2004-onwards. By November 30, 2023, the CoRIS cohort included 20,336 PWH from 48 centres, with a median follow-up of 6.1 (IQR: 2.2; 10.7) years. Annually, a median of 1,087 participants were recruited.

# What proportion of migrant patients bring a history of their disease?

Proportion of migrant PLHIV that come with a complete clinical history



**Only 18% of migrant patients come to consultation with a previous clinical history**

# Características del paciente migrante

## ADHERENCIA AL TRATAMIENTO

- Menor adherencia al tratamiento
- **Abandono más frecuente de las citas médicas**
- Vulnerabilidades psicológicas y sociales que afectan la continuidad del cuidado
- Chemsex

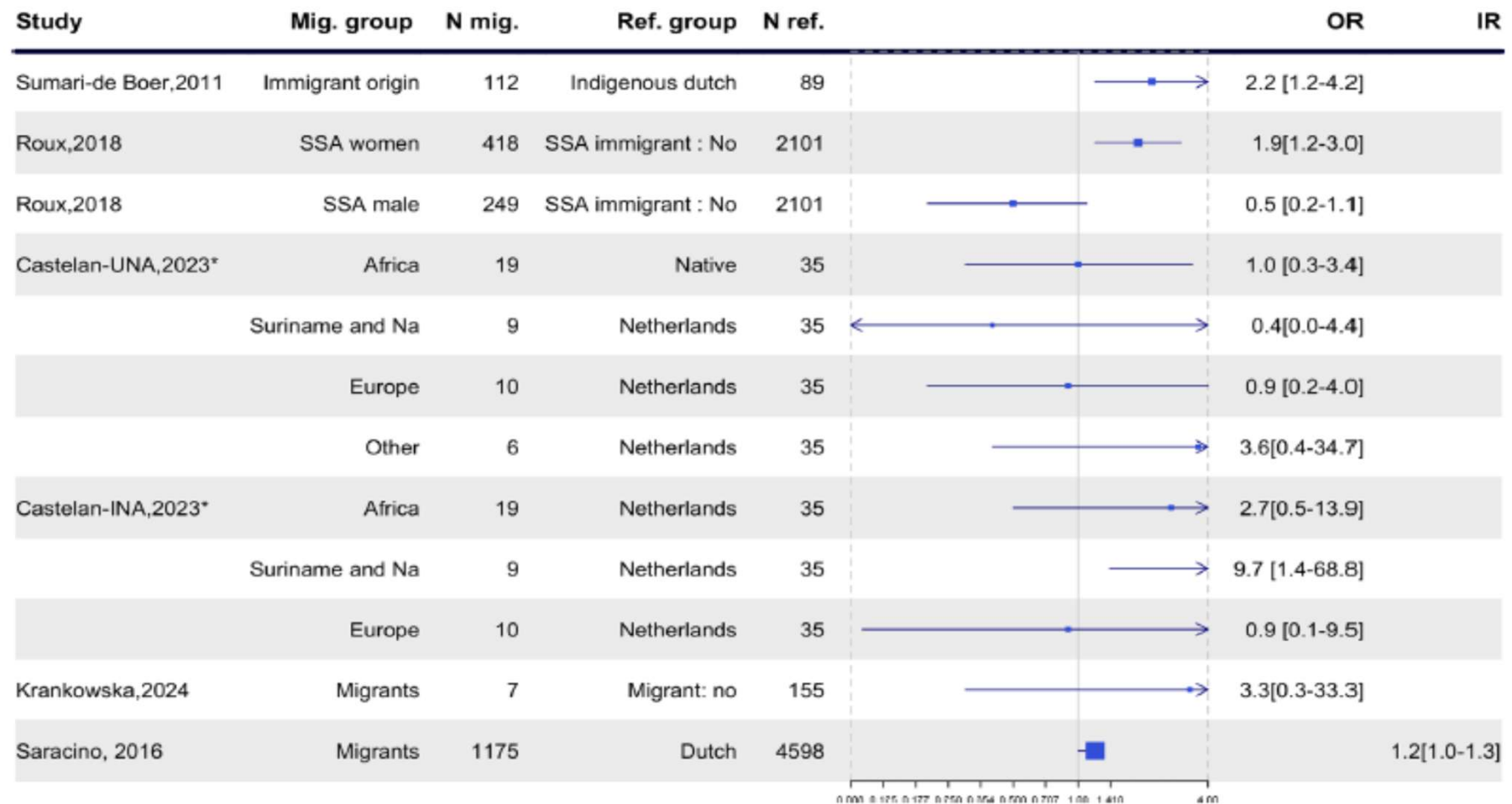


## HEPATITIS B (VHB)

- Desconocimiento del estado serológico
- Falta de recomendaciones médicas claras.
- Reactivación del virus en algunos casos
- Los hospitales no centrales requieren más tiempo para obtener resultados analíticos, pero necesitan iniciar el tratamiento rápidamente

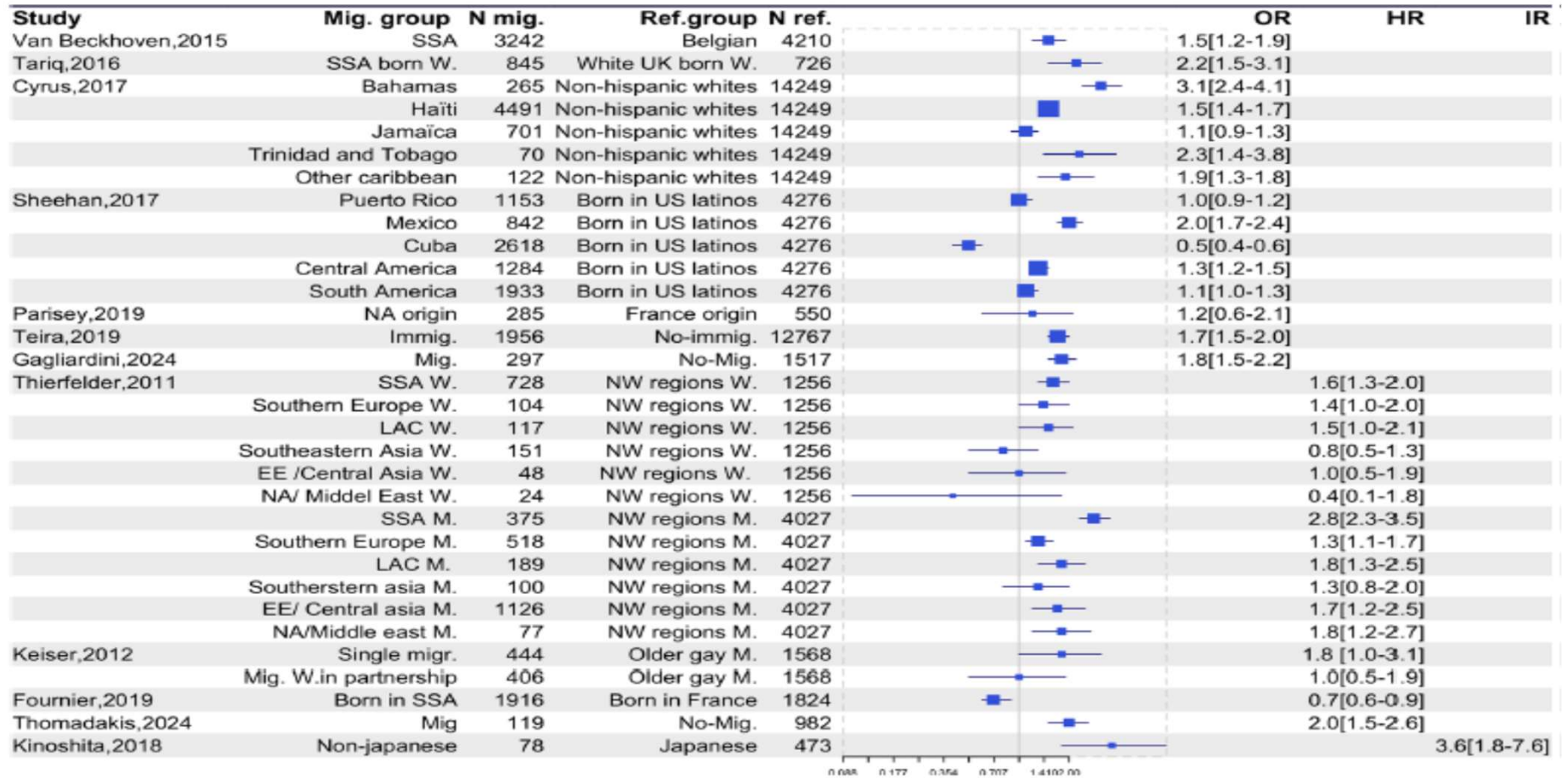
## RESISTENCIA AL TRATAMIENTO

- **Ausencia de historial clínico previo**
- Inicio rápido del tratamiento sin información completa
- Migrantes africanos como grupo particularmente afectado

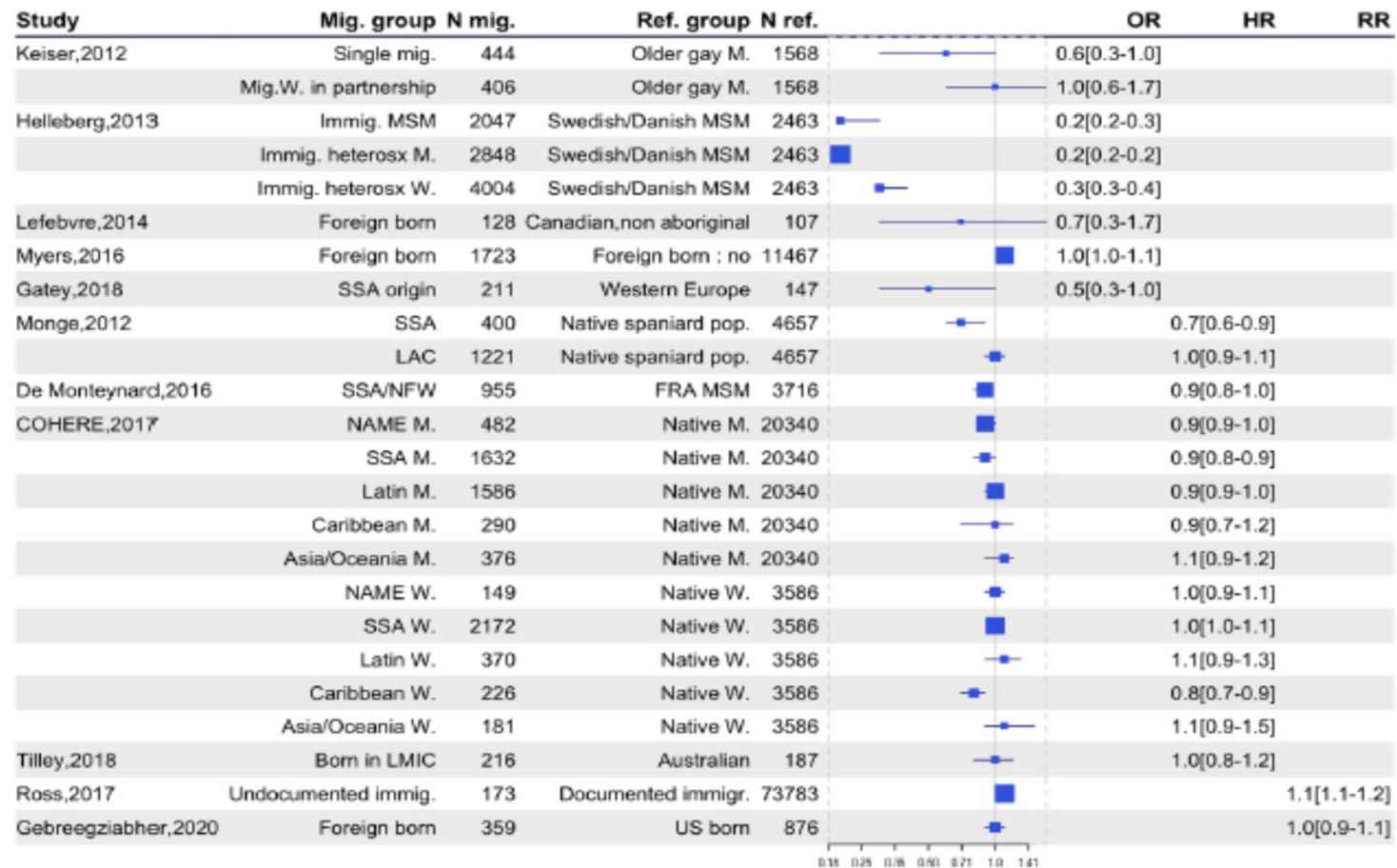


**Figure 2** Adherence (A) and non-adherence (B) to antiretroviral therapy among migrants and non-migrants LWH in the high-income countries (adjusted OR, adjusted incidence ratio (IR), adjusted relative risk (RR) and 95% CI). Figures have been rounded off to the decimal point. \*Unadjusted. IR, incidence ratio; LWH, living with HIV; M, men, Mig., migrants; Ref, reference; RR, relative risk; SSA, sub-Saharan Africa; W, women.

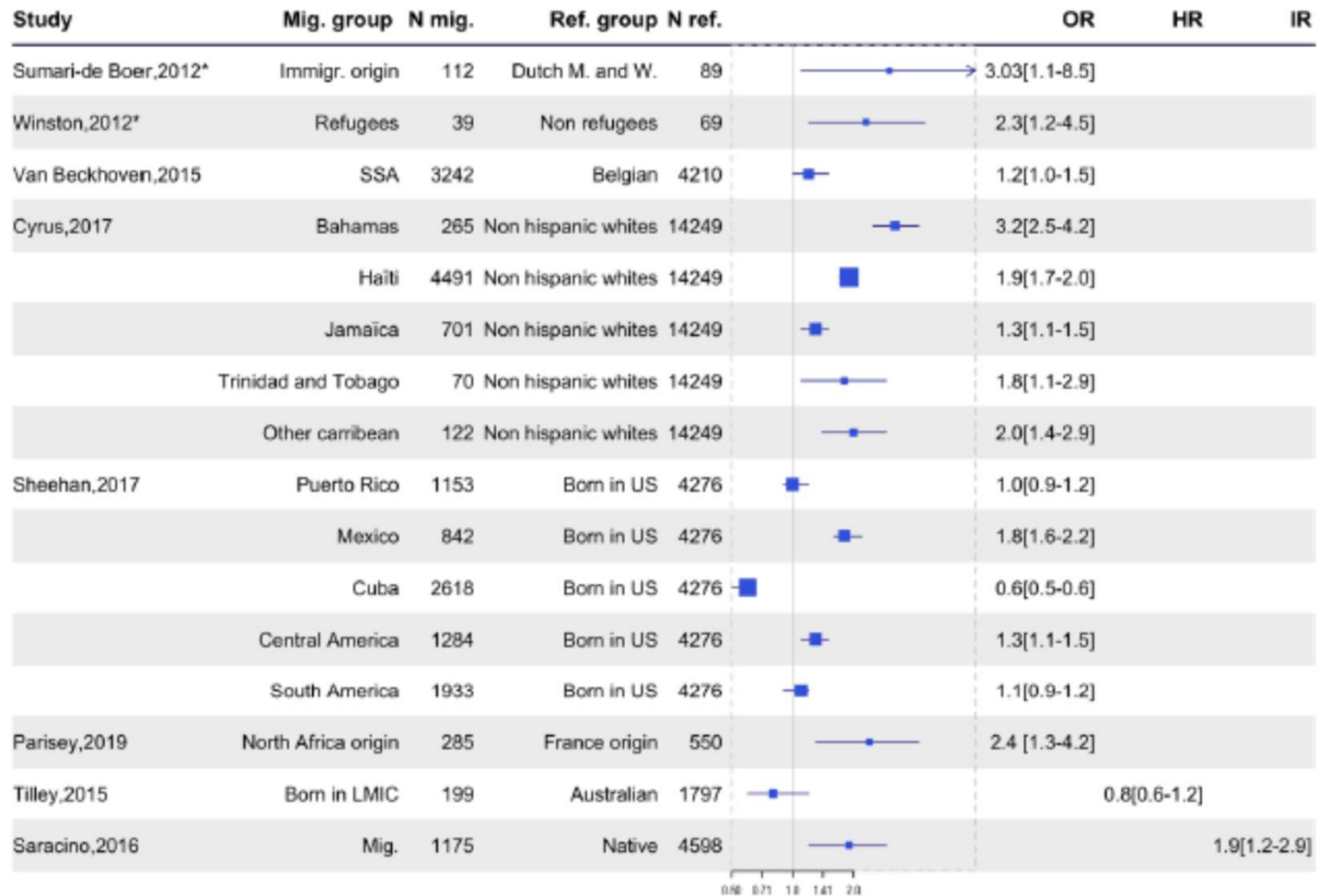
**B**



**Figure 3** Retention in care (A) and lost to follow-up (B) for migrants living in high-income country (adjusted HR, adjusted incidence ratio (IR), adjusted OR, adjusted relative risk (RR)). Figures have been rounded off to the decimal point except for retention in care. EE, Eastern Europe; Immig, immigrants; IR, incidence ratio; LAC, Latin America Caribbean; M, men, NA, Nord Africa; Mig, migrants; NWR, North-Western Region; MSM, men who have sex with men; Ref, reference; SSA, sub-Saharan Africa; SE, Southern Europe; W, women.

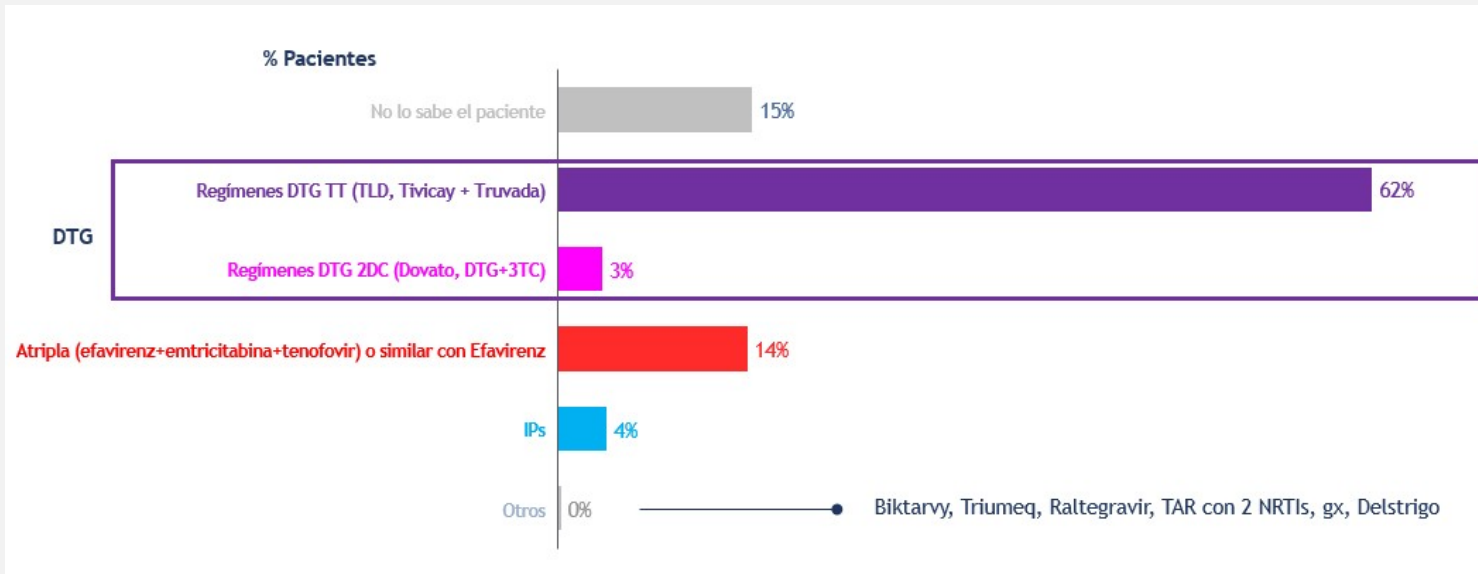


**Figure 4** HIV virological suppression for migrants and non-migrants LWH in high-income countries (adjusted OR, adjusted HR, adjusted relative risk (RR), 95% CI). Figures have been rounded off to the decimal point. FRA, French natives; LAC, Latin America Caribbean; LMICs, low-income and middle-income countries; LWH, living with HIV; M, men; NAME, North Africa and the Middle East; NFW, non-French West Indies; Mig, migrants; NWR, North-Western Region; MSM, men who have sex with men; Pop., population; Ref., reference; SSA, sub-Saharan Africa; W, women.



**Figure 5** HIV virological failure for migrants living in high-income country (adjusted OR, HR, incidence ratio (IR)). \*Unadjusted OR. Figures have been rounded off to the decimal point. LMIC, low-income and middle-income countries; M, men; Mig, migrants; M/NM LWH, migrants and non-migrants living with HIV; Ref., reference; SSA, sub-Saharan Africa; W, women.

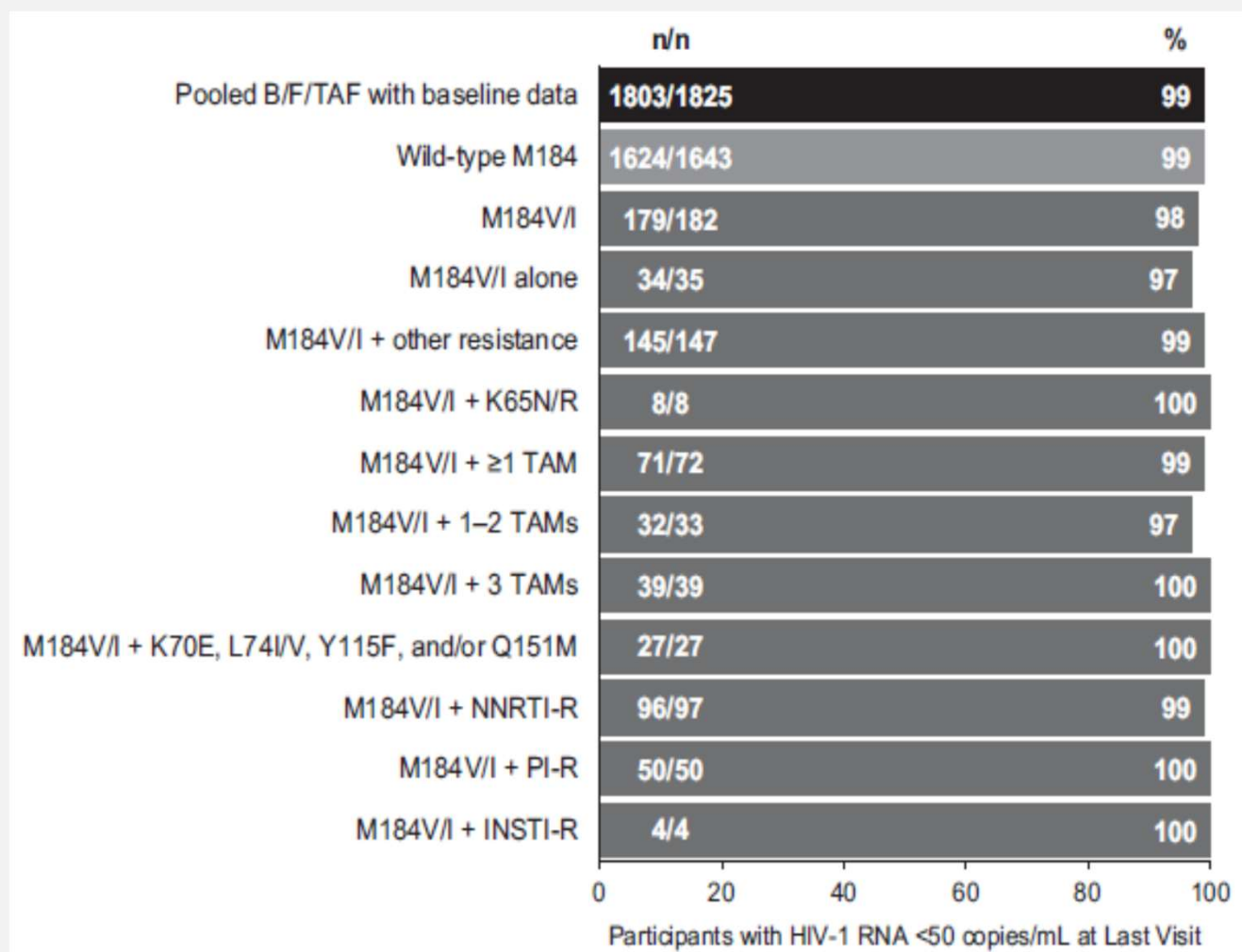
# What is their ART of the country of origin?



**65% of migrant PLHIV have DTG-based ART as their origin, mainly triple therapy DTG ART**



**Virologic suppression on bictegravir/emtricitabine /tenofovir alafenamide at last ontreatment visit by last observation carried forward (LOCF)**



# Real-World Effectiveness in Treatment-Experienced People With HIV Switching to B/F/TAF With Distinct Patterns of Self-Reported Adherence

Marta Boffito<sup>1</sup>, Jason Brunetta<sup>2</sup>, Itzhak Levy<sup>3</sup>, Chia-Jui Yang<sup>4</sup>, Joaquín Portilla<sup>5</sup>, Roger Vogelmann<sup>6</sup>, Tomoyuki Endo<sup>7</sup>, Olivier Robineau<sup>8</sup>, Loredana Sarmati<sup>9</sup>, David Thorpe<sup>10</sup>, Andrea Marongiu<sup>10</sup>, Tali Cassidy<sup>10</sup>, Berend van Welzen<sup>11</sup>

<sup>1</sup>Chelsea and Westminster Hospital, London, UK; <sup>2</sup>Maple Leaf Medical Clinic, Toronto, ON, Canada; <sup>3</sup>Sheba Medical Center, Ramat Gan, Israel; <sup>4</sup>Far Eastern Memorial Hospital, New Taipei City, Taiwan; <sup>5</sup>General University Hospital of Alicante, Alicante, Spain; <sup>6</sup>Mannheimer Onkologie Praxis, Mannheim, Germany; <sup>7</sup>Hokkaido University Hospital, Sapporo, Japan; <sup>8</sup>EA2094, Université Lille, Centre Hospitalier de Tourcoing, Tourcoing, France; <sup>9</sup>Infectious Diseases Clinic, University Hospital of Rome Tor Vergata, Rome, Italy; <sup>10</sup>Gilead Sciences Europe Ltd, Stockley Park, Uxbridge, UK; <sup>11</sup>University Medical Center Utrecht, Utrecht, the Netherlands

P068

BICSTaR

Copies of this poster obtained through QR (Quick Response) are for personal use only and may not be reproduced without written permission of the authors



## Baseline Clinical and Demographic Characteristics, by Adherence Trajectory Group

	Group 1: Near-Perfect Adherence (n = 810)	Group 2: Consistent High Adherence (n = 457)	Group 3: Moderate Adherence (n = 107)	Group 4: Decreasing Adherence (n = 94)	Group 5: Increasing Adherence (n = 28)	Total (N = 1496)
Male sex at birth, n (%)	677 (83.6)	387 (84.7)	88 (82.2)	82 (87.2)	23 (82.1)	1257 (84.0)
Black race, n (%)	79 (9.8)	52 (11.4)	13 (12.1)	7 (7.4)	7 (25.0)	158 (10.6)
Age at B/F/TAF initiation, years, median (IQR)	49 (40-56)	47 (37-54)	45 (35-53)	44.5 (35-55)	45.5 (38-51.5)	48 (38-55)
Baseline CD4/CD8 ratio, median (IQR)	0.8 (0.6-1.2)	0.9 (0.6-1.3)	0.8 (0.6-1.3)	0.9 (0.7-1.3)	0.5 (0.3-0.7)	0.9 (0.6-1.2)
Baseline CD4 count, cells/μL, median (IQR)	669.0 (420.0-874.0)	659.0 (492.0-902.0)	664.5 (453.5-835.0)	680.0 (520.0-834.0)	442.0 (309.6-946.0)	668.0 (457.0-874.0)
HIV-1 RNA viral load < 50 c/mL at baseline, n (%)	652 (92.9)	375 (94.7)	80 (90.9)	76 (96.2)	6 (27.3)	1189 (92.4)
History of or ongoing neuropsychiatric disorder, n (%)	189 (23.3)	131 (28.7)	28 (26.2)	21 (22.3)	6 (21.4)	375 (25.1)
Baseline MCS score, median (IQR)	51.1 (42.5-56.4)	47.7 (38.7-54.3)	46.3 (38.0-52.3)	47.6 (40.3-52.9)	44.9 (38.8-55.0)	49.5 (40.6-55.8)
Baseline HIV-SI overall bothersome symptom count, median (IQR)	3.0 (1.0-6.0)	4.0 (1.0-7.0)	5.0 (2.0-8.0)	4.0 (1.5-7.0)	3.5 (1.0-10.5)	3.0 (1.0-7.0)

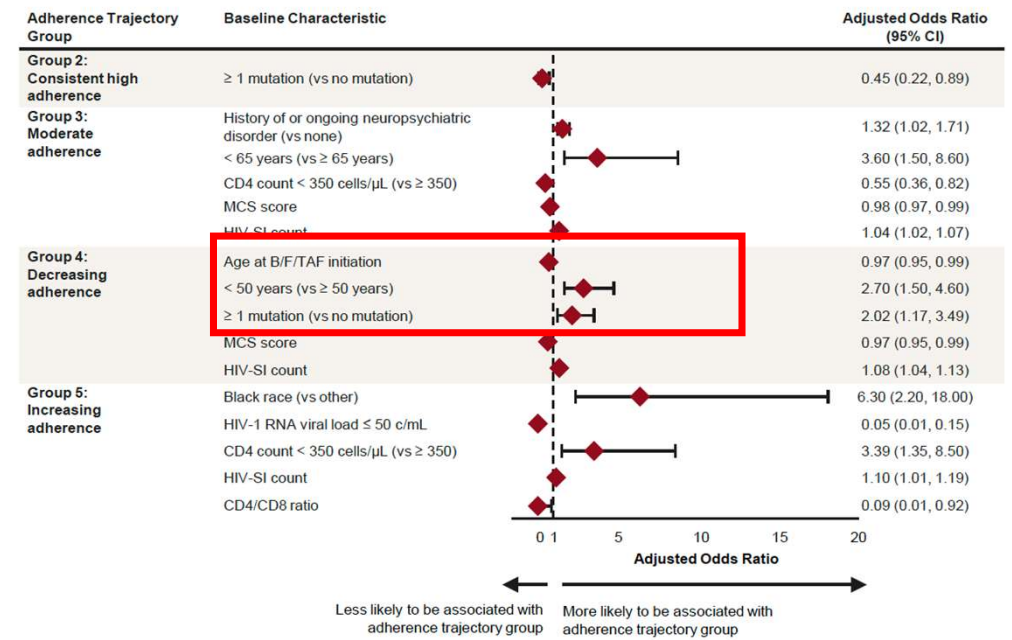
Data in participants with data available at baseline. MCS score is standardized to a mean of 50 (range: 1-100), scores of + 50 and - 50 represent better-than-average and poorer-than-average function, respectively. B/F/TAF, bictegravir/tenofovir/raltegravir/tenofovir alafenamide; c, copies; CD, cluster of differentiation; HIV-SI, HIV Symptom Index; MCS, mental component summary.

## Self-Reported Adherence Over Time

Assessment		Baseline <sup>a</sup>	Month 6	Month 12	Month 24
VAS adherence score	n	1298	992	966	941
	Mean (SD), %	95.3 (14.2)	96.9 (9.0)	97.5 (5.8)	97.0 (6.8)
Missed doses: Last 4 days	n	1250	958	923	904
	Mean (SD)	0.1 (0.6)	0.1 (0.4)	0.1 (0.3)	0.1 (0.3)
Missed doses: Last 30 days	n	1252	961	930	905
	Mean (SD)	1.2 (3.7)	0.7 (1.9)	0.7 (1.5)	0.6 (1.4)

n refers to the number of participants with available data at each timepoint. <sup>a</sup>Baseline refers to adherence/missed doses on regimen prior to switching to B/F/TAF. B/F/TAF, bictegravir/tenofovir/raltegravir/tenofovir alafenamide; VAS, visual analog scale.

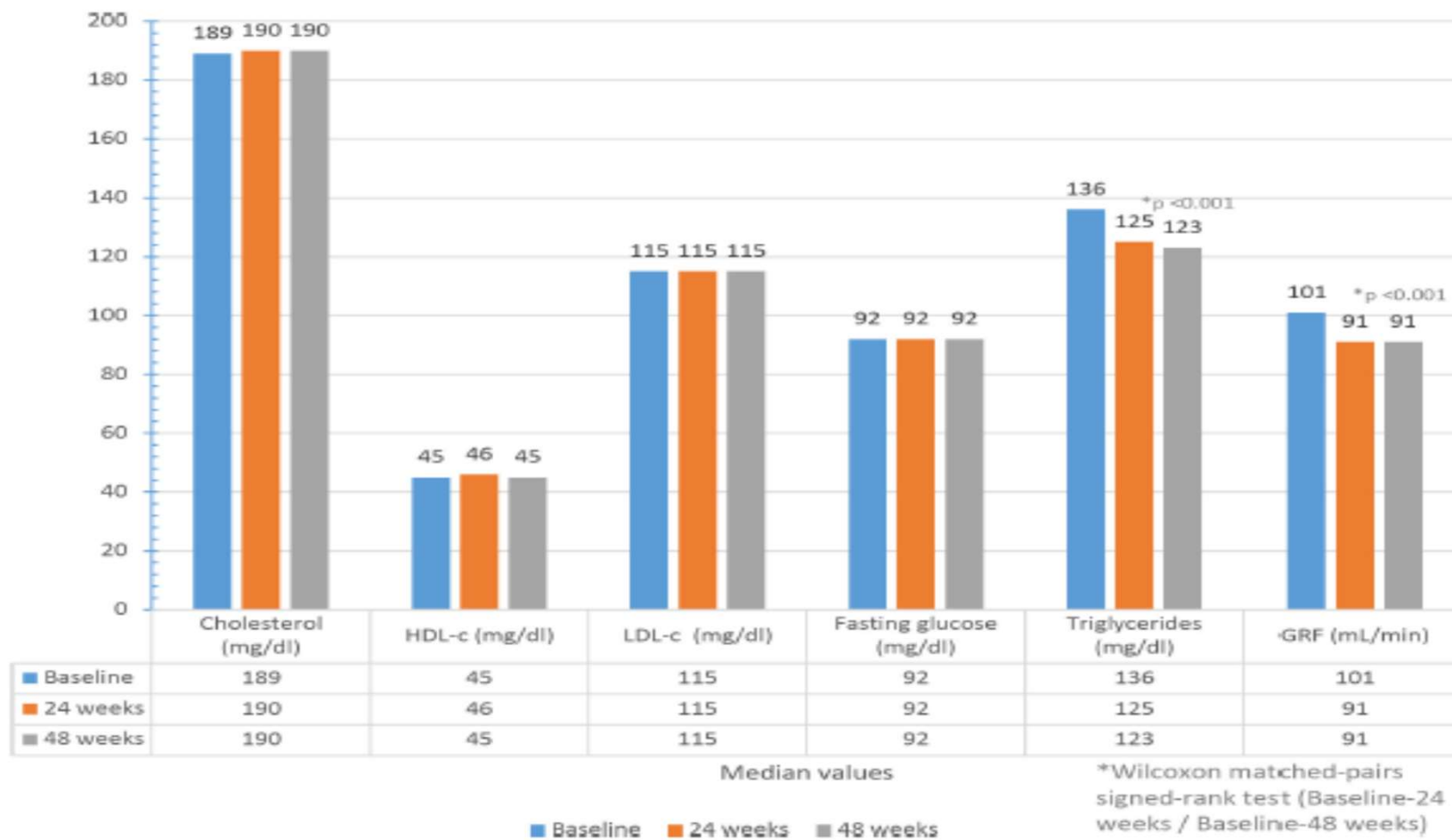
## Baseline Characteristics Significantly Associated With Adherence Trajectory Group (vs Reference Group 1: Near-Perfect Adherence)



HIV-SI is scored from 0-5, with a higher score representing worse symptoms. MCS is measured on a scale of 0-100, where a score of < 50 indicates poorer-than-average function. B/F/TAF, bictegravir/tenofovir/raltegravir/tenofovir alafenamide; c, copies; CD#, cluster of differentiation #; HIV-SI, HIV Symptom Index; MCS, mental component summary.

Todos los tratamientos deben tomarse conforme a las pautas posológicas establecidas en su ficha técnica.

Boffito M, et al. Real-World Effectiveness in Treatment-Experienced People With HIV Switching to B/F/TAF With Distinct Patterns of Self-Reported Adherence. BICSTaR. Póster 068 presentado en HIV Glasgow; 10-13 de noviembre de 2024; Glasgow, UK.



**Figure 1**

Evolution of total cholesterol, HDL cholesterol, LDL cholesterol, fasting blood glucose, triglycerides, and estimated glomerular filtration rate (GRF) at baseline vs. 24 and 48 weeks of follow-up in antiretroviral therapy-experienced people living with HIV who switched to BIC/FTC/TAF (n = 1,542).

# HIV- infected Latin American asylum seekers in Madrid, Spain 2022: A prospective cohort study from a major gateway in Europe

Prospective cohort study was conducted between January 2022 and June 2023

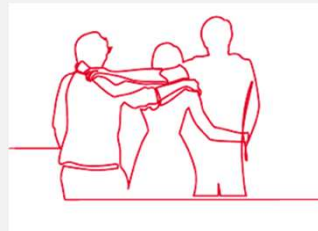
Latin American asylum seekers living with HIV were recruited mainly from NGOs

Participants were recruited at the HIV outpatient clinic of Infanta Leonor University Hospital (HUIL) in Madrid, were monitored for a period of 6 months from enrolment. **Total: 631 asylum seekers**

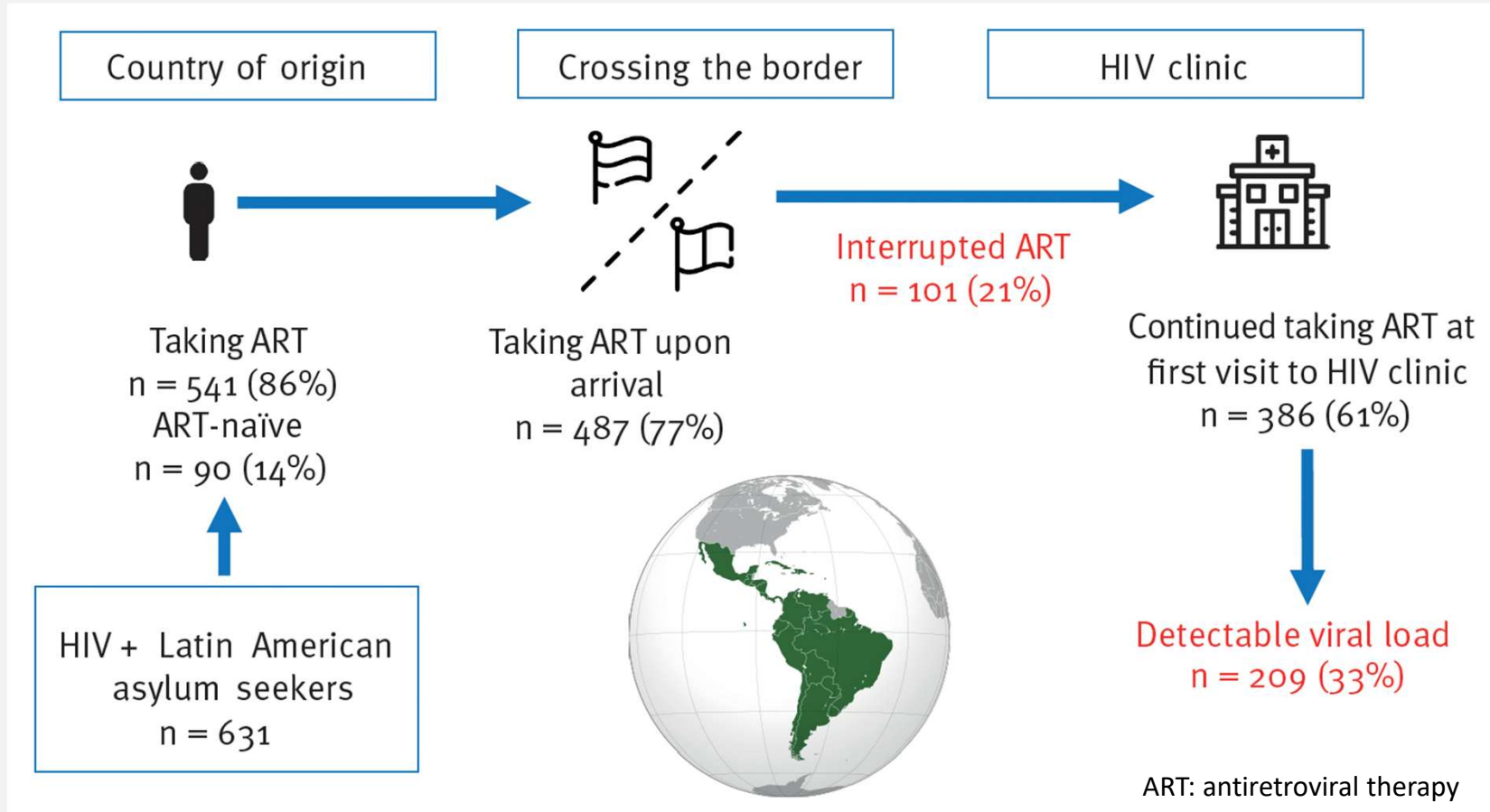
## Upon their arrival

**49%** (n = 309) **lacked social support**

**74%** (n = 464) **faced barriers when attempting to access the healthcare system**



# Prevalence of participants on antiretroviral therapy during each phase of the migration journey to Spain



— Six months after initial visit, 130 (21%) were lost of follow up care

Sociodemographic characteristics of HIV-infected Latin American asylum seekers evaluated in Madrid, Spain, January 2022–June 2023 (n = 631)

Characteristics	Number	Percentage
Age in years, median (IQR)	32 (28–37)	
<b>Gender</b>		
Cis women	35	5
Cis men	553	88
Trans women	43	7
Trans men	0	0
<b>Race/ethnicity</b>		
Black	48	8
Hispanic	581	92
Other	2	0
<b>Country of birth</b>		
Colombia	189	30
Venezuela	188	30
Peru	116	18
Cuba	21	3
Argentina	18	3
Honduras	17	3
Brazil	17	3
Other	65	10
<b>Sexual orientation</b>		
Homosexual	539	85
Heterosexual	61	10
Bisexual	20	3
Unknown	11	2

<b>Educational level</b>		
No formal education	2	0
Primary education	22	3
Secondary education	252	40
University education	285	45
Unknown	70	11
<b>Employment status before arrival in Spain</b>		
Active worker	504	80
Student	42	7
Unemployed	40	6
Retired or other	6	1
Unknown	39	6
<b>Residence upon arrival</b>		
Host home	557	88
Migrant shelter	14	2
Homeless shelter	35	6
Unknown	25	4
<b>Social support network</b>		
Family	113	18
Friends	177	28
None	309	49
Unknown	32	5
<b>Right to healthcare at first evaluation</b>		
Yes	192	30
No	344	55
Unknown	95	15
<b>Barriers to access to the healthcare system</b>		
Yes	464	74
No	66	10
Unknown	101	16



Factors related to HIV infection in Latin American asylum seekers evaluated in Madrid, Spain, January 2022–June 2023 (n = 631)

Factors	Number	Percentage
<b>Characteristics</b>		
Duration of HIV infection in years, median (IQR)	5 (3–8)	
<b>Transmission</b>		
Sexual	610	97
Sharing needles or syringes	1	0
Mother-to-child	3	0
Unknown	17	3
<b>AIDS-related events</b>		
Nadir CD4+ T lymphocytes, median cells/mm (IQR)	297 (190–450)	
Previous opportunistic infection	81	13
Tuberculosis	38	6
Toxoplasmosis	12	2
<i>Pneumocystis jirovecii</i> pneumonia	10	2
HIV wasting syndrome	10	2
Recurrent bacterial pneumonia	8	1
Candidiasis of bronchi, trachea, oesophagus or lungs	9	1
Kaposi's sarcoma	8	1
Histoplasmosis	7	1
Cryptococcosis	5	1
Herpes simplex	4	1
Lymphoma	1	0
Cytomegalovirus disease	2	0
Chronic intestinal cryptosporidiosis	1	0

<b>ART</b>		
ART-naïve	90	14
Had taken ART previously	541	86
<b>Last ART based on:</b>		
Non-nucleoside reverse transcriptase inhibitors	280	52
Integrase inhibitors	183	34
Protease inhibitors	30	6
Unknown	48	9
Taking ART upon arrival in Spain	487	77
<b>Initial HIV clinic evaluation</b>		
Continued taking ART at the first visit	386	61
Weeks without ART, median (IQR)	4 (2–10)	
CD4+ T lymphocytes, median cells/mm (IQR)	500 (349–689)	
Percent CD4+	28 (20–34)	
Detectable viral load (> 30 copies/mL)	209	33
Log10 of viral load (IQR)	4.1 (2.8–4.9)	
Viral load >1,000 copies/mL	154	24
Resistance test performed	150	24
Valid resistance test	142	22
Mutations to reverse transcriptase inhibitors	53	37
Mutations to protease inhibitors	7	15

ART: antiretroviral therapy; IQR: interquartile range.

- EFV/TDF/3TC → 28% (151)

- DTG/TDF/3TC → 17% (89)



# Mensajes para llevar a casa ...

1. El cambio a TAF+FTC+BIC desde otra triple terapia basada en INIs , ITINAN o IP es la opción mas segura y eficaz por su eficacia virológica, y tolerancia en los pacientes migrantes incluso en aquéllos con mutaciones a los ARV, por su alta barrera genética

*(Sax PE et al. AIDS 2022; 36: 1511-20)*

2. La adherencia a las consultas de estos pacientes migrantes es subóptima y TAF+FTC+BIC les proporciona la opción más segura incluso para los malos adherentes.

*(Ryan P et al. Euro Surveill. 2024;29:pji=2300692; de Bouillé JG et al. BMJ Open 2025; 15:e093620)*

3. La combinación TAF+FTC+BIC es “muy limpia” metabólicamente, algo importante en los pacientes migrantes que suelen tener comorbilidades (diabetes, HTA, hiperlipemia ,tabaquismo)

*(Cecchini D et al. Rev Esp Quimioter 2025; 38:40-7)*

## Diapositiva 23

---

**SR1** Referenciar estas afirmaciones  
Silvia Rodriguez; 11/12/2023

**Muchas gracias ...**

**[vasensia@gmail.com](mailto:vasensia@gmail.com)**