



Building bridges between research, health services, and youth: differentiated and integrated PrEP and STI services for adolescents' MSM and TGW in Brazil. PrEP1519 Project- Brazil

Inês Dourado, MD, PhD
 Instituto de Saúde Coletiva/Universidade Federal da Bahia, Brazil

WHO Satellite

“From policy to practice: Integrated and Differentiated PrEP services”

AMSTERDAM

FAST-TRACK CITIES 2023

September 25-27, 2023 | RAI Amsterdam Convention Center

✘ City of
 ✘ Amsterdam

✘ GGD
 ✘ Amsterdam



Projeto PrEP1519

PIs



Inês Dourado, MD, PhD
Instituto de Saúde Coletiva da
Universidade Federal da Bahia
(ISC/UFBA) – Salvador, Bahia

Representative PI-
Unitaid and WHO



Laio Magno, MSc, PhD
Departamento de Ciência da Vida
Universidade do Estado da Bahia-UNEB



Dirceu Greco, MD, PhD
Faculdade de Medicina da Universidade
Federal de Minas Gerais (FM/UFMG) –
Belo Horizonte, Minas Gerais



Alexandre Grangeiro, MSc
Faculdade de Medicina da Universidade
de São Paulo (FM/USP) – São Paulo, São
Paulo

PrEP1519 is a demonstration cohort study, co-funded by Unitaid and the Brazilian Public Health System, and implemented in three large capital cities: Salvador, Belo Horizonte and São Paulo.

Assesses effective and cost-effective ways to provide HIV PrEP and STI care for adolescent MSM and transgender adolescent girls 15-19 years old.

How can we create demand of PrEP and STI services in this complex context?

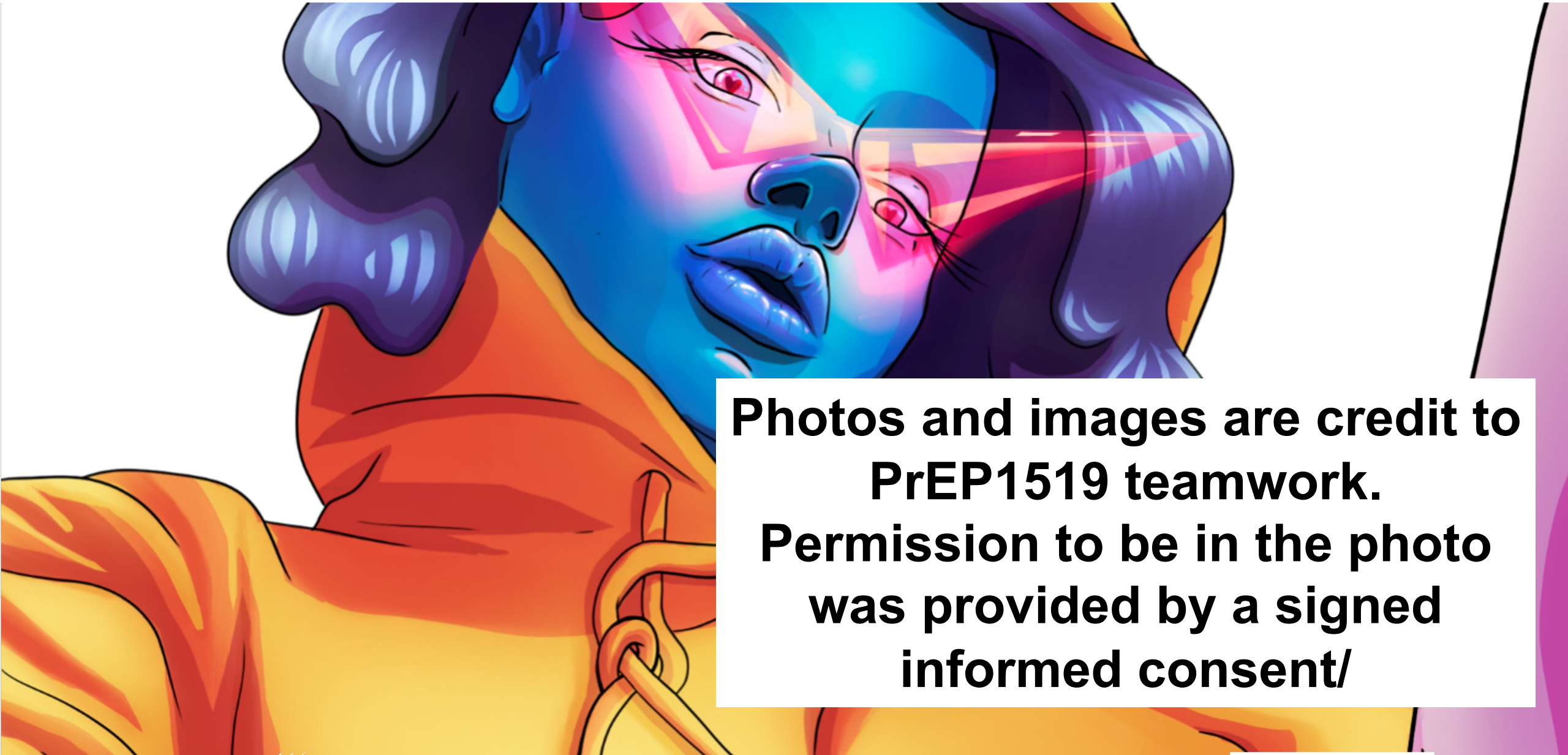
Our strategies of recruitment to reach adolescents MSM and TGW create contact; be inclusive:

- Through peer educators (online and offline): LGBTQIA+ parties, mingling areas, bars, venues.
- Recruitment in schools: workshops; sexual education promotions.
- Referrals from NHS-Brazilian SUS services.
- Referrals from NGOs.
- Dating apps: Grindr, Tinder etc.
- By the indication of participants who are in PrEP;
- Amanda Selfie – Transgender chat bot
- Network invitation through Respondent Sampling Driven technique



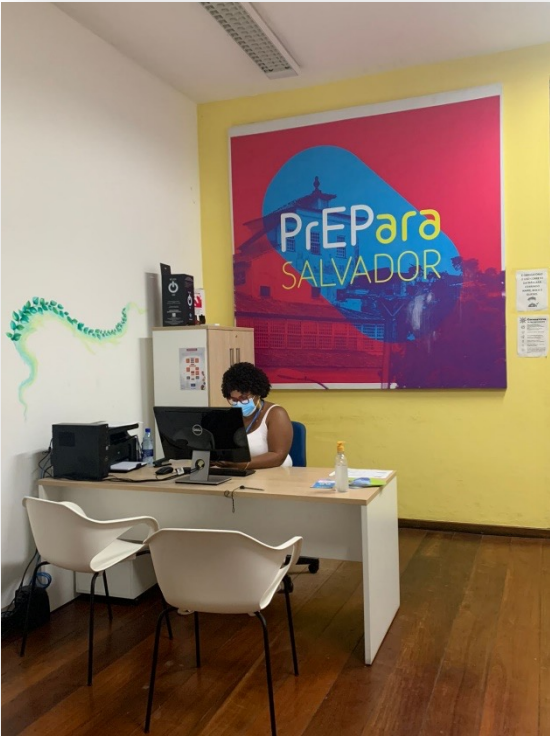
QR code for
accessing the paper





**Photos and images are credit to
PrEP1519 teamwork.
Permission to be in the photo
was provided by a signed
informed consent/**

Environment matters!



St Cher Chapel



PrEPOs



Peer educators

A PrEP clinic beyond the clinical care

Youth friendly environment

Reception



Multi-purpose Lounge



PrEP dispensation



Multi-professional Office



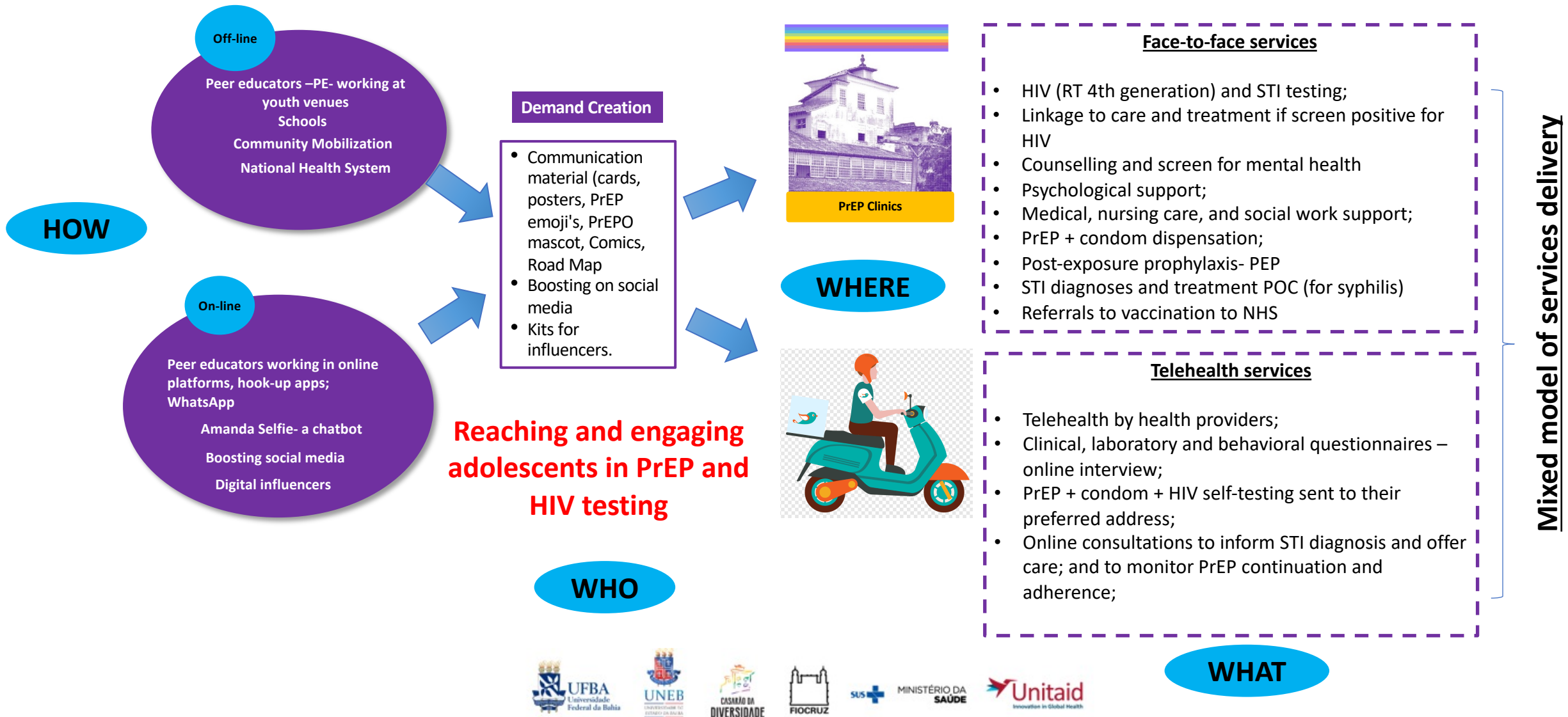
Laboratory



Doctor's Office

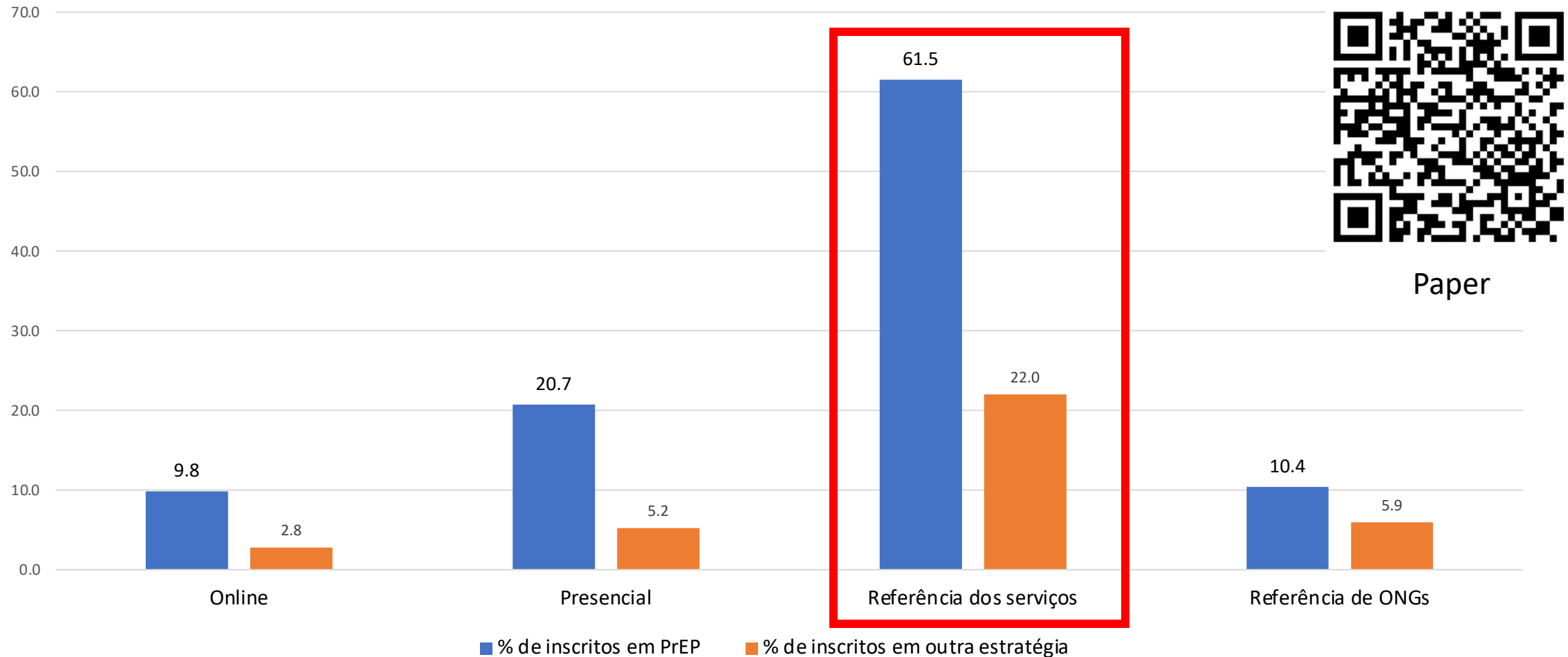


PrEP1519 Implementation Model: recruiting, enrolling and linking adolescents MSM and TGW to PrEP

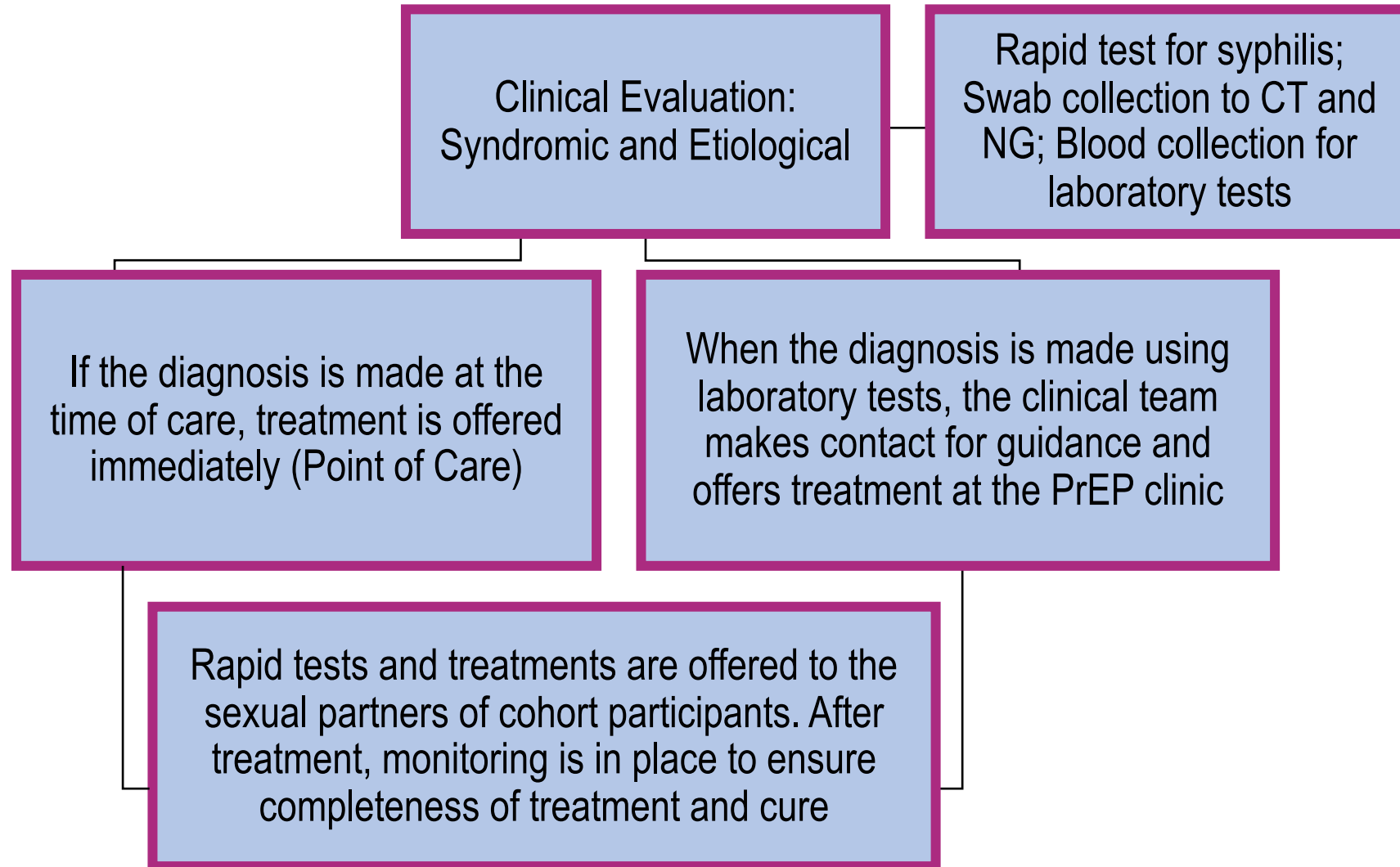


Proportion of MSM and TGW adolescents enrolled in PrEP and other prevention methods by the total population recruited in each demand creation strategy.

PrEP1519, Feb.2019-Feb2021.



Care flow for STI diagnosis and treatment. PrEP1519 clinics, Brazil

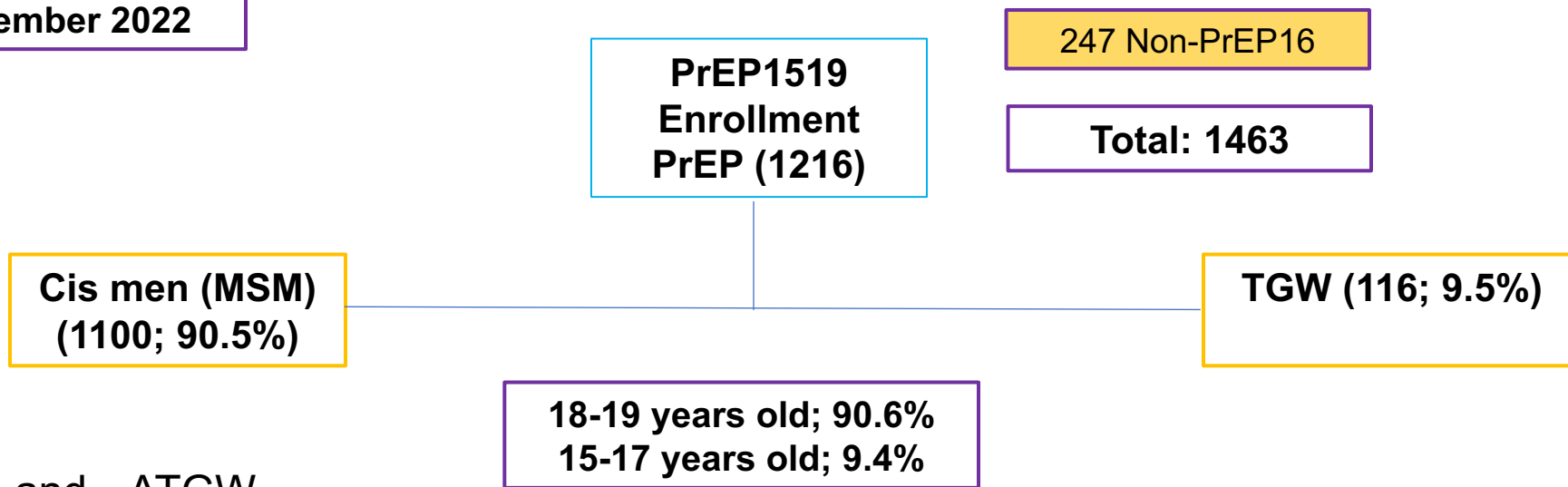


STI tests

- Serology for hepatitis A, B, and C.
- Participants with an indication were referred for hepatitis vaccination.
- Rapid tests (RT) for syphilis, and non-treponemal VDRL tests among those who tested positive in the RT.
- Oral, rectal, and urethral swabs or urine samples were used for nucleic acid amplification testing for *Neisseria gonorrhoea* (GC) and *Chlamydia trachomatis* (CT) at baseline, at every 6 months, and as clinically indicated at other intercourse visits.
- The GC and CT prevalence was estimated considering infection in any of the three anatomic sites.

PrEP1519 reached adolescents from KPOPs, how about engaging in PrEP/STI services?

March 2019-December 2022



247 Non-PrEP16

Total: 1463

Cis men (MSM)
(1100; 90.5%)

TGW (116; 9.5%)

18-19 years old; 90.6%
15-17 years old; 9.4%

HIV prevalence at
baseline
 $66/1463 = 5\%$

8,169 AMSM and ATGW were reached by the DCS

18% enrolled in the PrEP cohort,

Need to reach out and create demand for HIV/STI prevention for a large and diverse adolescents MSM and TGW;

Most adolescents recruited by peer educators (PE) activities in online strategies (70.7%);

PE in face-to-face contact (16.5%),

then direct referrals from health services and NGO (12.8%);

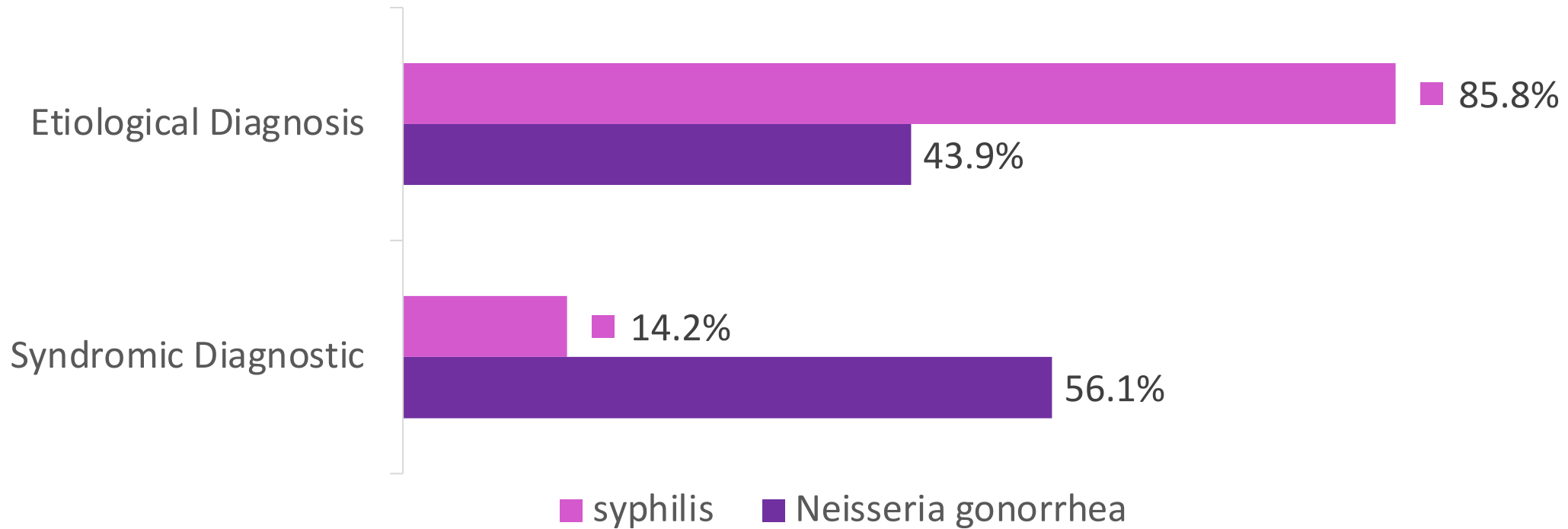
Baseline Prevalence

Syphilis: 16.2%

GN: 18.4%

CT: 9.4

Proportion of STI diagnosis according to etiological and syndromic approach. PrEP1519 Study, Salvador site, 2019-2022



The importance of access to rapid tests

The PrEP program is an excellent opportunity to treat and care STIs!

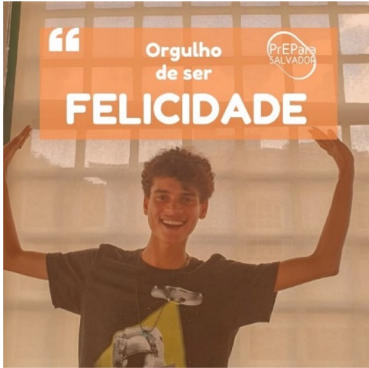
STI	N	Incident cases	Sum of PY	Incidence rate per 100 person-years	(95% CI)
<i>N. gonorrhoeae</i>	132	19	219.2	8.7	(5.5-13.6)
<i>C. trachomatis</i>	132	22	246.5	8.9	(5.9-13.6)
<i>M. genitalium</i>	137	11	240.5	4.6	(2.5-8.3)
<i>M. hominis</i>	133	19	224.3	8.5	(5.4-13.3)
<i>U. urealyticum</i>	128	43	186.3	23.1	(17.1-31.1)
<i>U. parvum</i>	137	10	253.9	3.9	(2.1-7.3)

High STI incidence rates

Dezanet et al. presented at 2022 International AIDS Conference

Lessons learned

Pride to be happy



Gay adolescent – peer educator

Pride to be LOVE



Transgender man – navigator care

Pride to be happy



Bisexual nurse

- ❖ Developing comprehensive demand creation strategies, which include social media and digital platforms have the ability to reach young people with information and can provide linkage to services;
- ❖ Understanding young people's values and preferences for service delivery ensures that appropriate service delivery choices are made available.
- ❖ Adolescents, especially the most vulnerable, may need more support to remain in service and PrEP use than adults. Navigators, flexible appointment schedules, financial and emotional support, reminders, and approaches through online social networks are strategies that can help in this regard.
- ❖ Young people needing prevention usually need other services, so providing PrEP as part of a comprehensive package is important. For example, rates of STIs and unmet needs for prevention are high.
- ❖ In addition, young people may require services for gender-based violence and mental health.

Pride to be fight



TGM -peer navigator

Pride to be hope



TGW-young peer educator

Pride to be affection



Gay psychologist

Acknowledgments - teams

SALVADOR

- Inês Dourado
- Laio Magno
- Luís Augusto V, da Silva
- Marcelo Castelhanos
- Filipe Mateus Duarte
- Priscilla Caires
- Fabiane Soares
- Pedro Nascimento
- Thais Fonseca
- Fabiane Fernandes
- Lucília Nascimento
- Carlos Jefferson
- Marluce Carvalho
- Lara Sofia
- Maria Elia Alderete
- Joilson Paim
- Fernanda Lima
- Carina Carvalho
- Lucas Miranda Marques
- Guilherme Barreto Campos
- Marcos Eustorgio
- Daniele Medeiros
- Caffa Cabus
- Ícaro Ramos
- Andresa Galvão
- Karla Zhand
- Ericles Santos, Gabriel Porto,
- Gilberto Bispo Soares
- Bruno Santana, Dante Freire,
- Victor Corujeira

BELO HORIZONTE

- Dirceu B. Greco
- Unaí Tupinambás
- Mateus Westin
- Marise Fonseca
- Carolina Oliveira
- Yuppiel Martinez
- Walter Ude
- Marília Greco
- Ana Paula Silva
- Érica Dumont
- Maria José Duarte
- Júlio Andrade
- Maria Cristina Abreu
- Matheus Alves
- Tânia Faustino
- Fernanda Soares
- Cinthia Alves
- Fernanda Valadares
- Mariângela Carneiro
- Alessandra Mancuzo
- Cristiane Cunha

SÃO PAULO

Alexandre Grangeiro, Eliana Zucchi, Thiago Pinheiro, Paula Andrea Massa
Gabriela Medeiros Vendramini, Hugo Alberto Brango Garcia
Maria Mercedes Loureiro Escuder, Elias Ferreira Esteves
Regis Alves da Silveira, Alice Pilon, Lina Lessa Lucas, Ika Eloah Araujo Carneiro, Dulce Aurélia de Souza Ferraz, Rosangela Rodrigues, Victor Guilherme Lopes da Silva Lomba, Raphaella Goulart, Eduardo Araujo Oliveira, Aline Pilon, Ivo Patrick Oliveira Silva



Obrigada! Thank you!



Email: ines.dourado@gmail.com