



RN James Rice-Davies

HIV Clinical Nurse Specialist

CCDHB

Wellington

Saturday, June 10, 2017

15:30 - 16:00 HIV in Your Sexually Active Oldies

Even the Oldies get HIV



James Rice-Davies 027 444 1967

HIV Clinical Nurse Specialist – CCDHB

A Few Recent Cases

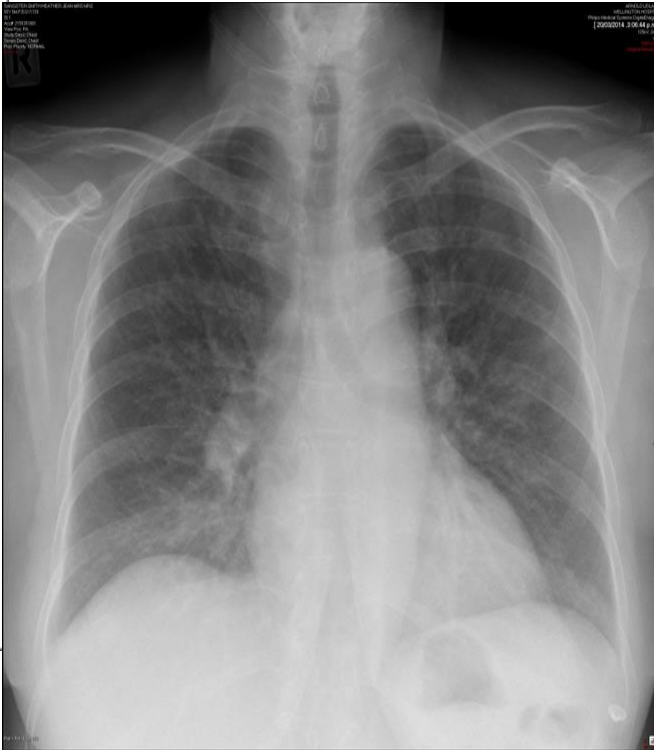
- Dr's Wife become breathless
- Husband becomes more and more forgetful
- Wife after years and years with oral sores- becomes SOB
- Gay Man about to have half his bowel taken out
- Auckland carried out an audit showing

Kaposi's Sarcoma, PCP & Oral Thrush

First descriptions in 1981



THE LANCET, SEPTEMBER 19, 1981



Seen in young otherwise healthy young men

PRINCE JOINS AIDS BATTLE

OMG! HRH HIV TEST

It's OK... he passed

Smiling... Harry
checks test, inset

Just a
little
prick, sir

DIAGNOSIS ON THE DOT

THE "Insti" HIV test
mixes a tiny amount
of blood with solution
for a dot test.

It is a rough indi-
cator as to whether a
patient has HIV anti-
bodies present.

Similar to a preg-
nancy test, the as-

PRINCE Harry had
an HIV test yester-
day and joked that
he was nervous.

Harry had the finger-
prick check at a clinic

By EMILY ANDREWS

Palmer carried out an
Insti test and told him:
"You are HIV negative."
Harry sighed with relief
and stuck out his tongue.

ple through a microscope.
The centre's Dr Anatole
Menon-Johansson said:
"HIV is now a chronic
treatable illness. No one
should go on to get Aids."
Harry said: "Things have





WOMEN CAN GET HIV TOO

TONYA 1965-2014
DIED AS A RESULT OF
UNDIAGNOSED HIV



WOMEN CAN GET HIV TOO

TONYA
1965 - 2014
DIED AS A
RESULT OF
UNDIAGNOSED
HIV



TAKE CHARGE
TAKE THE TEST

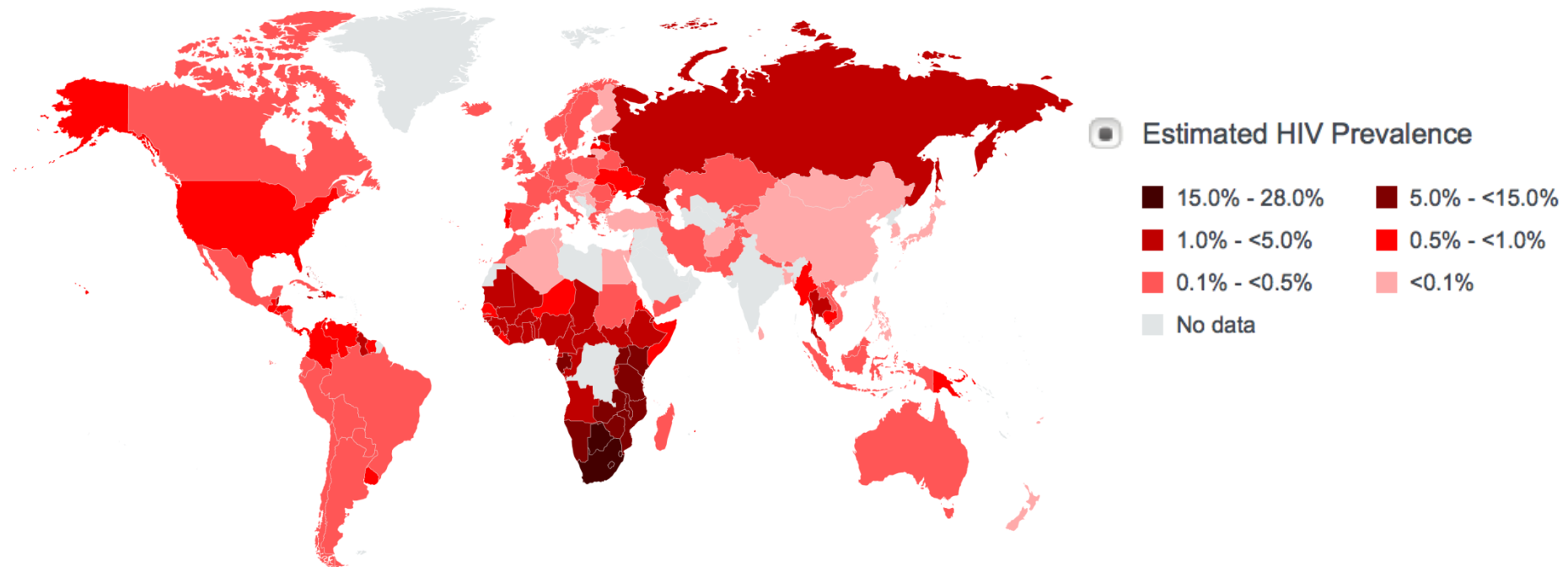
For a rapid HIV Test (results in 20 minutes) call the
New Zealand AIDS Foundation on 0800 802 437 or
contact your nearest Sexual Health or Family Planning
clinic or your GP to make an appointment.

For more information contact
Positive Women Inc.
0800 P02TIV (769 848)
jane@positivewomen.nz
www.positivewomen.org.nz



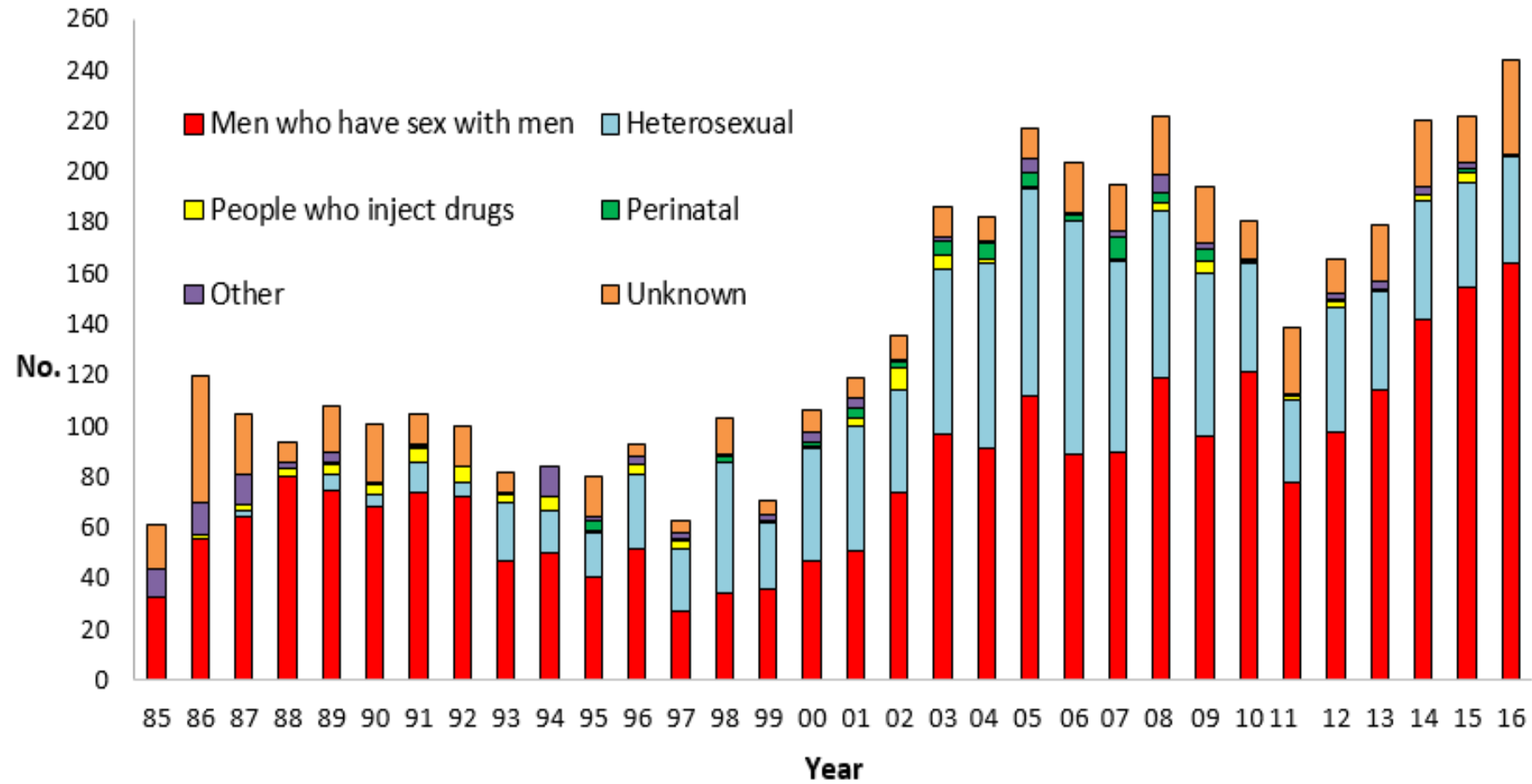
Positive Women

HIV global pandemic



- **Global HIV epidemic**
 - 78 million infected globally, 40 million deaths
 - 38 million people living with HIV
 - 2.1 million new infections
 - 1.1 million deaths

HIV Diagnoses in NZ are increasing



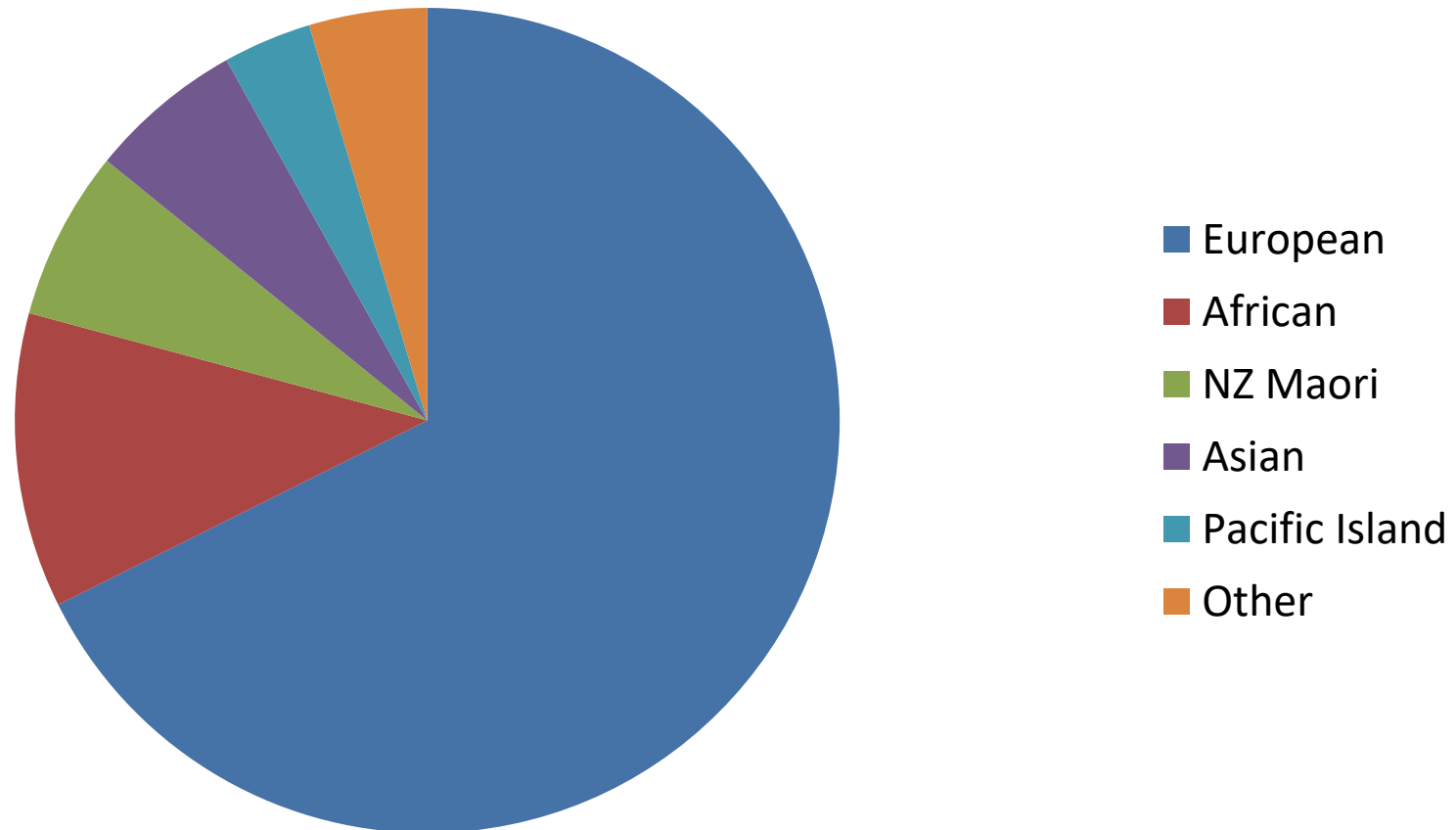
Wellington 2016

People living with HIV (diagnosed)

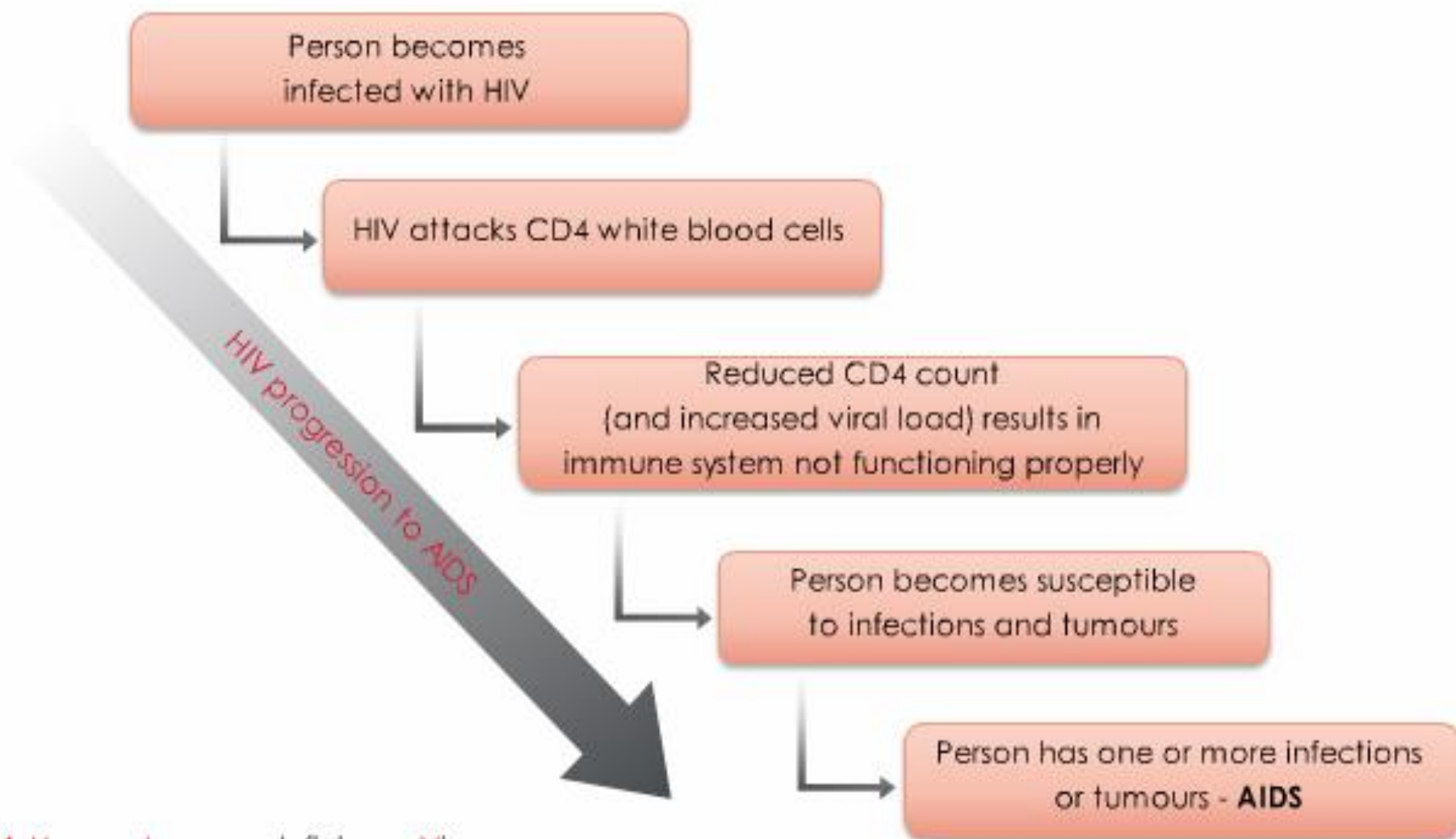
- Total 388 diagnosed in care
- Median age = 53years (82-18)
- **In NZ 2016**
- 244 Dia with HIV
- 38% of Newly Dia Cases >40yrs in 2016

Diagnosed with HIV: Ethnicity

**Approximately – 600 People
Undiagnosed HIV in NZ**

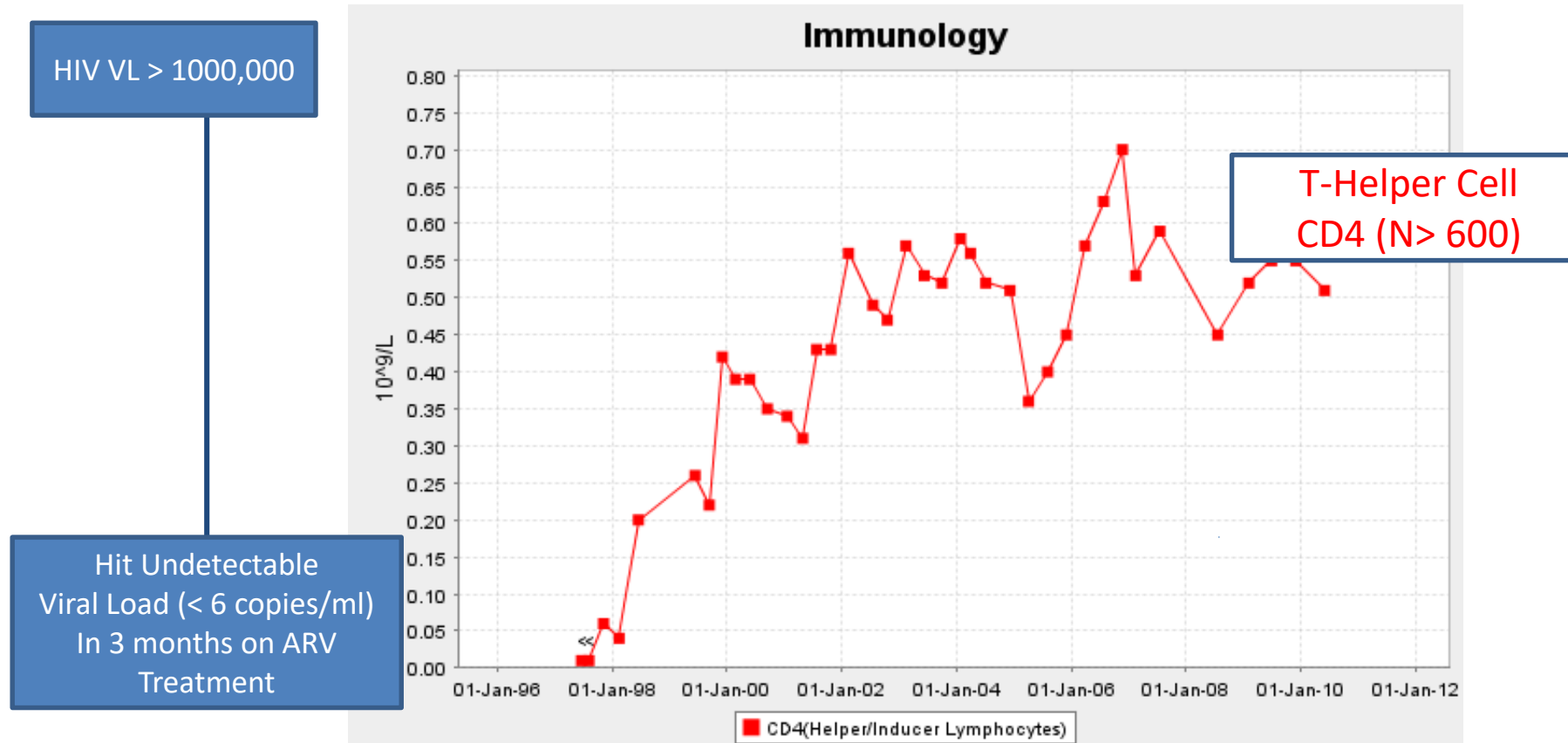


What is HIV/AIDS?



HIV, Human Immunodeficiency Virus
AIDS, Acquired Immune Deficiency Syndrome

HIV Management – viral suppression & immune recovery



Antiretroviral therapy (ART): combination of usually 3 anti-viral agents



What's the Decade here?

The Concept of “Key Populations” in Prevention

- 1) Men who have sex with men
- 2) People who inject drugs
- 3) People in prison and closed settings
- 4) Sex workers
- 5) Transgender people
- 6) Needlestick injuries

Let's Stop Thinking 1980s

- No Pre & Post test Counseling required
- No Life Insurance Problems
- No Consent Issues
- If you're thinking Hep A/B/C testing inc. HIV
- If you're doing an STI screen lets inc. swabs Anal & Oral
- Let's do bloods for Syphilis and HIV
- Let's think Differential Diagnosis not 'Risk factors'
- **Lets just 'Tick the Box' and rule HIV out**

Who's doing HIV testing ?

- GP's - Diagnose 40% of HIV cases in New Zealand;
Late into infection, Patients are unwell with a low CD4 counts, & had several sexual partners before being diagnosed
- New Zealand AIDS Foundation
- Sexual Health Clinics
- Family Planning Associates
- Prison Service

UNAIDS Goal 90/90/90 for 2020

World Wide Goal

- 90% Diagnosed
- 90% On ARV Treatment
- 90% Undetectable HIV Viral Load

New Zealand

- 80% Estimated
- 89% On ARV Tx

• 93% Undetectable VL

20% remain undiagnosed in NZ

START / Partner Study



LET'S TALK
ABOUT
HIV

OR
Perhaps let's not talk
about it!
'Let's just rule it out'

HIV / Sexual Health

Risk Factors

- Disclosure of information ?
- To your GP ?
- MSM /GBM

Sexual History

- Male Female Both
- Right tests from the right place
- Oral Anal Vaginal Urethral
- Swabs/ urine / bloods

Diagnosing & Treating STI's will reduce the risk of picking up HIV

The HIV Test



Differential Diagnosis for HIV

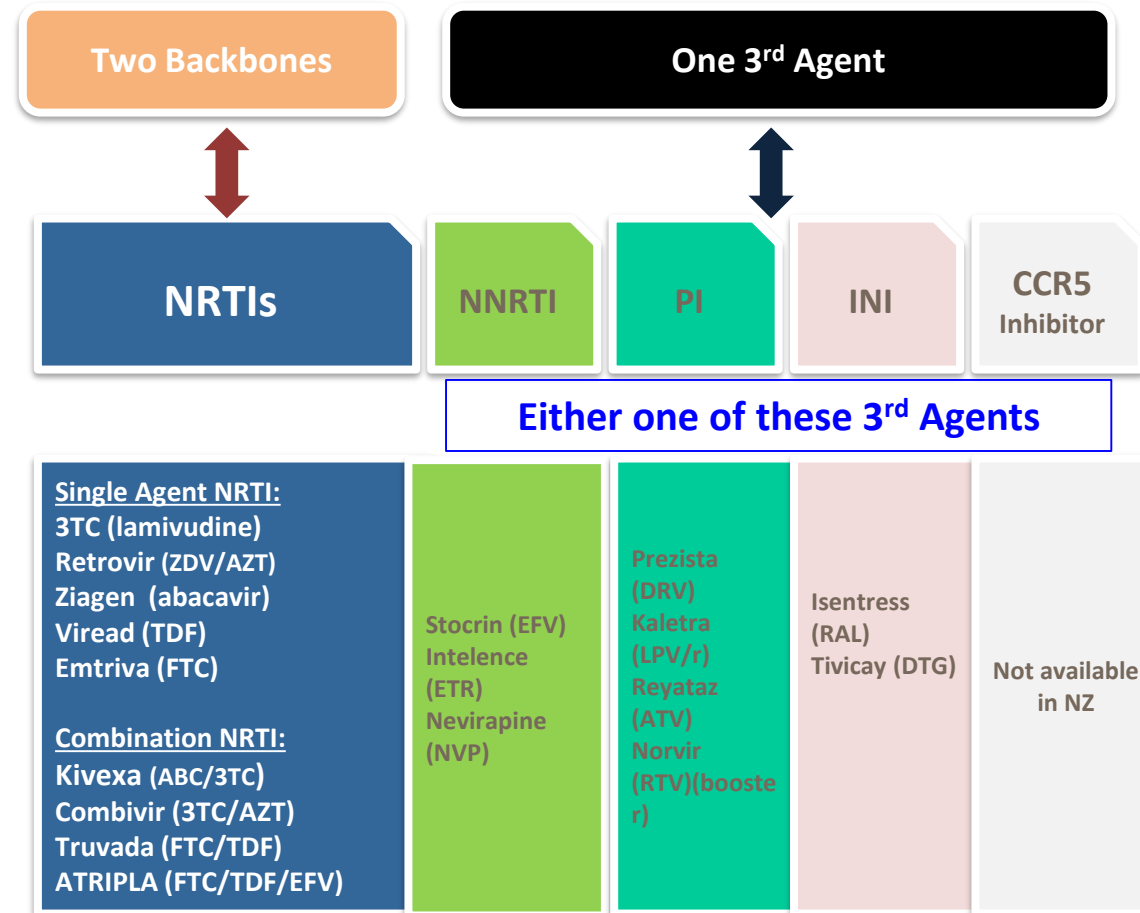
- Weight loss/ Altered bowel habits/ fatigue on going vague
- Shingles (<50yrs)
- Persistent Skin-fungal/Eczema
- Glandular Like Fever (male)
- Enlarged Lymph Nodes
- Abnormal – Platelets
Neutrophils
- Oral Thrush
- Difficult to Tx oral herpes



Just 'tick the box'

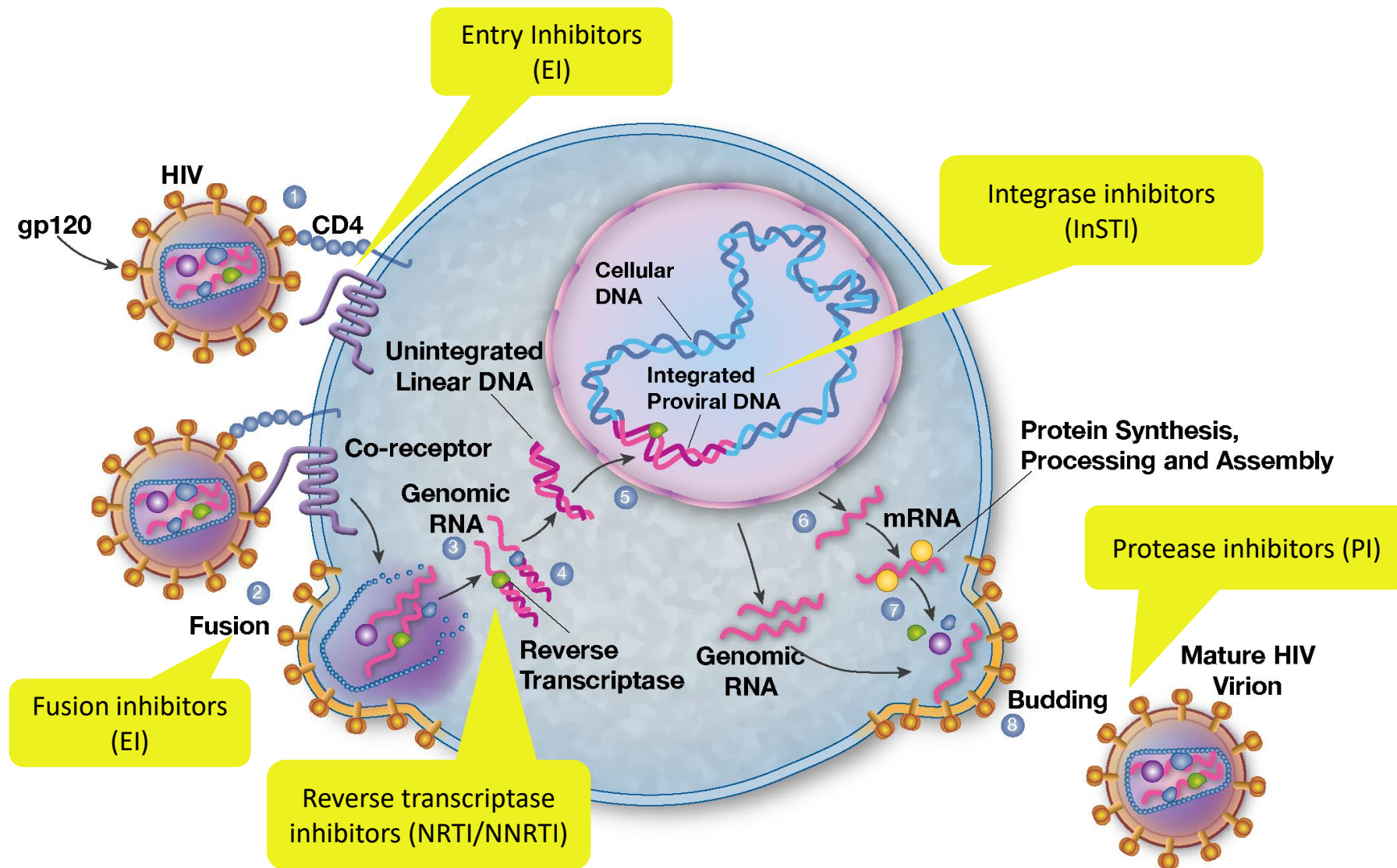
Anti-Retroviral Therapy (ART) in New Zealand

ART therapy is a cocktail of 3 medications from 2 drug classes 2 backbones + 1 third agent



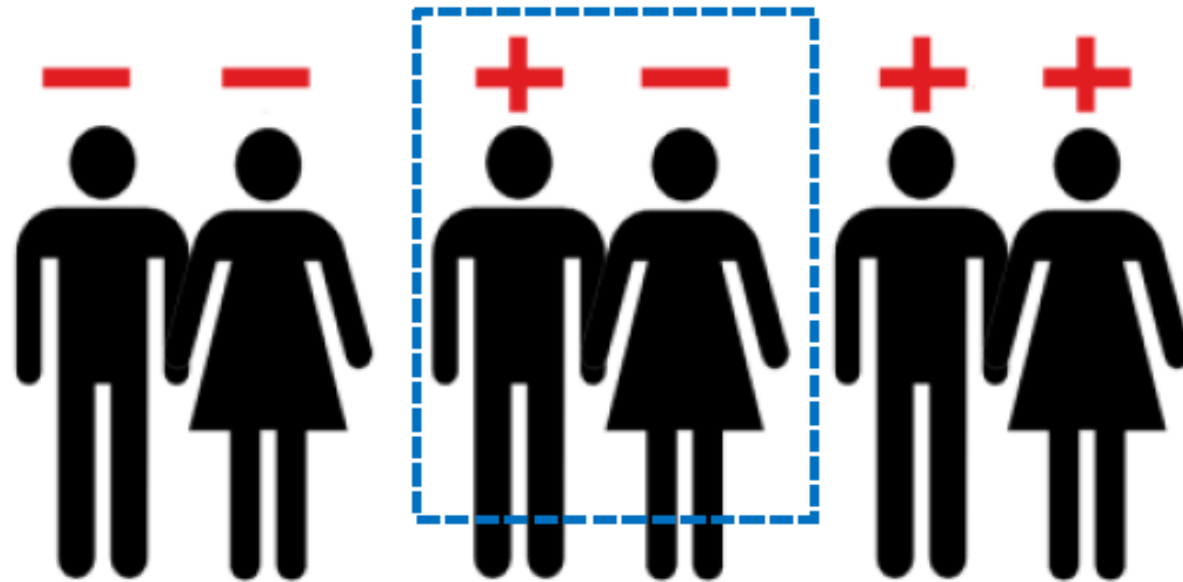
Less problematic than Diabetes –PrEP / (PEP)

HIV lifecycle: targets for antiretroviral therapy



A Simple Prevention Idea

Reduce HIV in genital secretions with ART!
HIV prevention in discordant couples?



HIV Viral Load; Undetectable = Untransmittable Cohen M.

Testing the Right people at the Right Time!



NEW ZEALAND AIDS FOUNDATION
Te Tūāpapa Mate Āraikore O Aotearoa



+BODY POSITIVE→

NEW ZEALAND
Tinana Ora Aotearoa



Positive Women

Supporting Women and Families
living in New Zealand with HIV and AIDS

WAHINE
KAHA



Nō tātou te mate - Nō tātou hoki te rongoa"

Tumanako i roto i te moemoeā

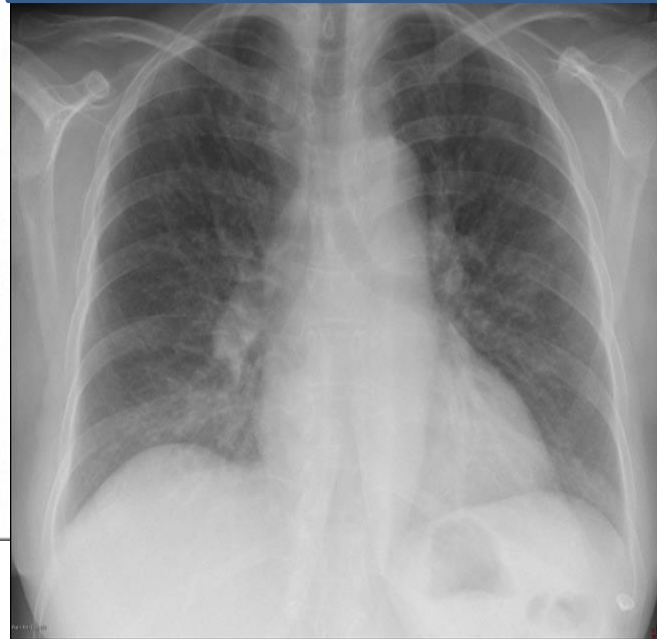
©

Still in 2016

30-40% of cases present with late advanced HIV disease



**Before being offered a
HIV test!
1981 - 2017**



If YOU 'Tick the Box'
600 People with HIV
In New Zealand
Will be Found !

Patients will end up with a normal life expectancy
And we'll reduce the rates of HIV infection