

ByeByeHIV with Thai Innovation

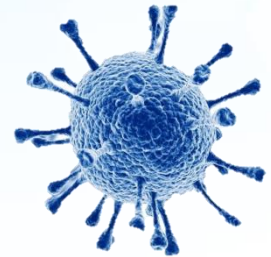
by Pichaet Wiriyaachitra



QR code for presentation

**Human Immunodeficiency virus has been
the public health issue for 40 years
with 40 million deaths.**

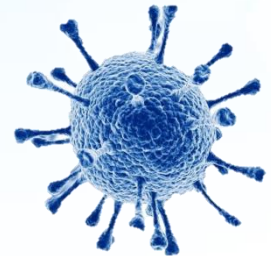
39 million living with HIV at the end of 2012



Bye Bye HIV

**HIV attacks CD4, weakening immune systems.
Untreated, HIV progresses
to AIDS (Acquired Immunodeficiency Syndrome)**

**When CD4 count decreases below 200 copies/ml.,
opportunistic infections occur and lead to death.**



Bye Bye HIV



A few people have been cured of HIV with stem cell transplant, but the treatment is not practical for everyone.

Antiviral drugs have been used to suppress the HIV expansion, but do not cure the disease.

Antiviral drugs have many side-effects and must be taken for the whole lifetime, leading to a shortened lifespan.

ByeByeHIV Innovation

The plant-based immunotherapy to achieve undetectable HIV and normal health conditions.

ByeByeHIV formula

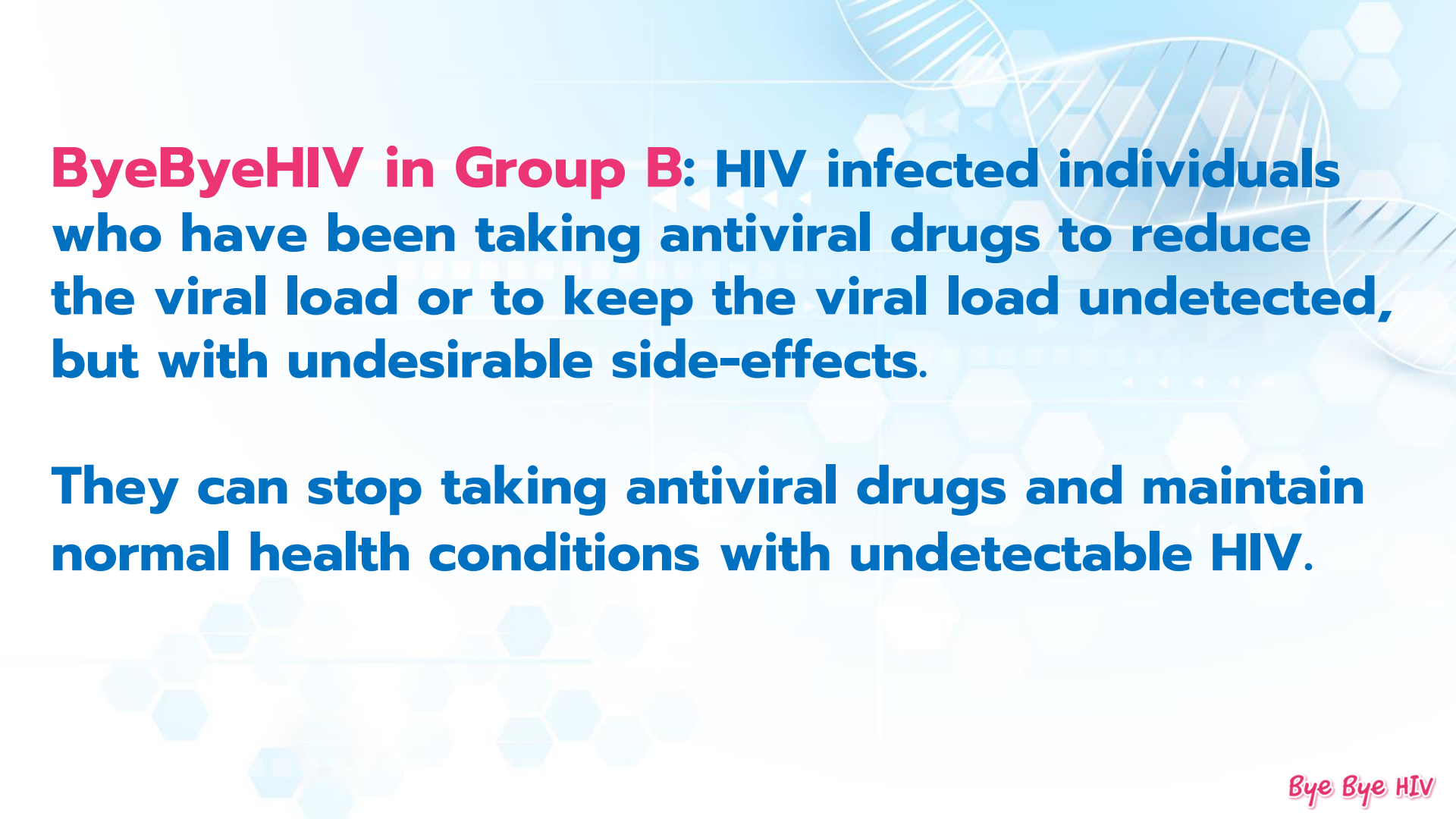
A synergistic mixture of refined extracts from mangosteen, sesame, soy, guava and Centella.



The background features a light blue color scheme with a large, semi-transparent DNA double helix structure on the right side. Scattered throughout are various sizes of hexagonal shapes, some solid and some outlined, creating a molecular or scientific aesthetic.

ByeByeHIV in Group A: HIV infected individuals who have not taken any antiviral drug.

HIV becomes undetectable after taking ByeByeHIV formula.

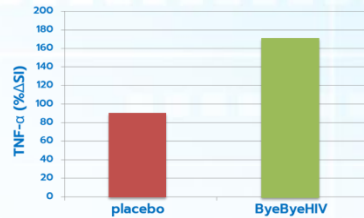
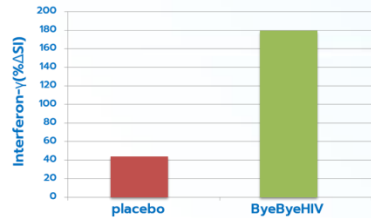


ByeByeHIV in Group B: HIV infected individuals who have been taking antiviral drugs to reduce the viral load or to keep the viral load undetected, but with undesirable side-effects.

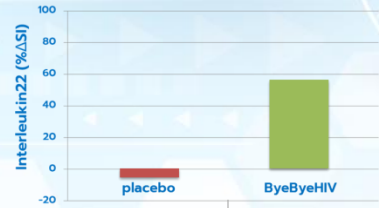
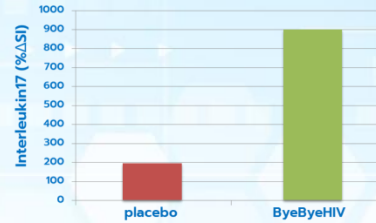
They can stop taking antiviral drugs and maintain normal health conditions with undetectable HIV.

ByeByeHIV formula,

4 capsules (500 g) a day for 15 days,
stimulates **Th1** (by 200%) and **Th17** (by 500%).



Increase of **Th1** measured from **IFN- γ** and **TNF- α**
Immunologic clinical study at Chiang Mai University Research Center



Increase of **Th17** measured from **IL-17** and **IL-22**
Immunologic clinical study at Chiang Mai University Research Center

Both Th1 and Th17 boost killer T cells.

9 capsules (500 g) a day for 4 weeks

increase CD4 16% and

increase CD8 17.5%.

In 2014, **ByeByeHIV** formula was used to improve the health of HIV-infected children at an AIDS orphanage home, Baan Gerda, in Thailand. All children were undergoing treatment with antivirals.

- **17 children** had opportunistic infections.
- **50 children** had a low CD4 count

Substantial improvement in the health of all children after the use of **ByeByeHIV** formula:

- The opportunistic infections in **17 children** were cured in 3 months, with **9 ByeByeHIV capsules a day**.
- CD4 count of the **50 children** increased by 50% in 6 months with **4 ByeByeHIV capsules a day**.





Immunotherapy

“ความสำเร็จนวัตกรรมภู
ตรวจไม่พบเชื้อ และ

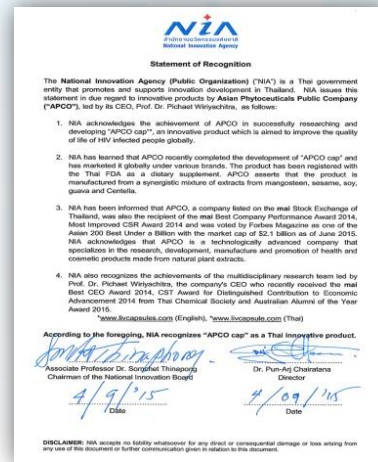


Ms. Kwanjai Che

Secretary General of Children's Rights
Foundation and Representative of Baan Gerda Project.

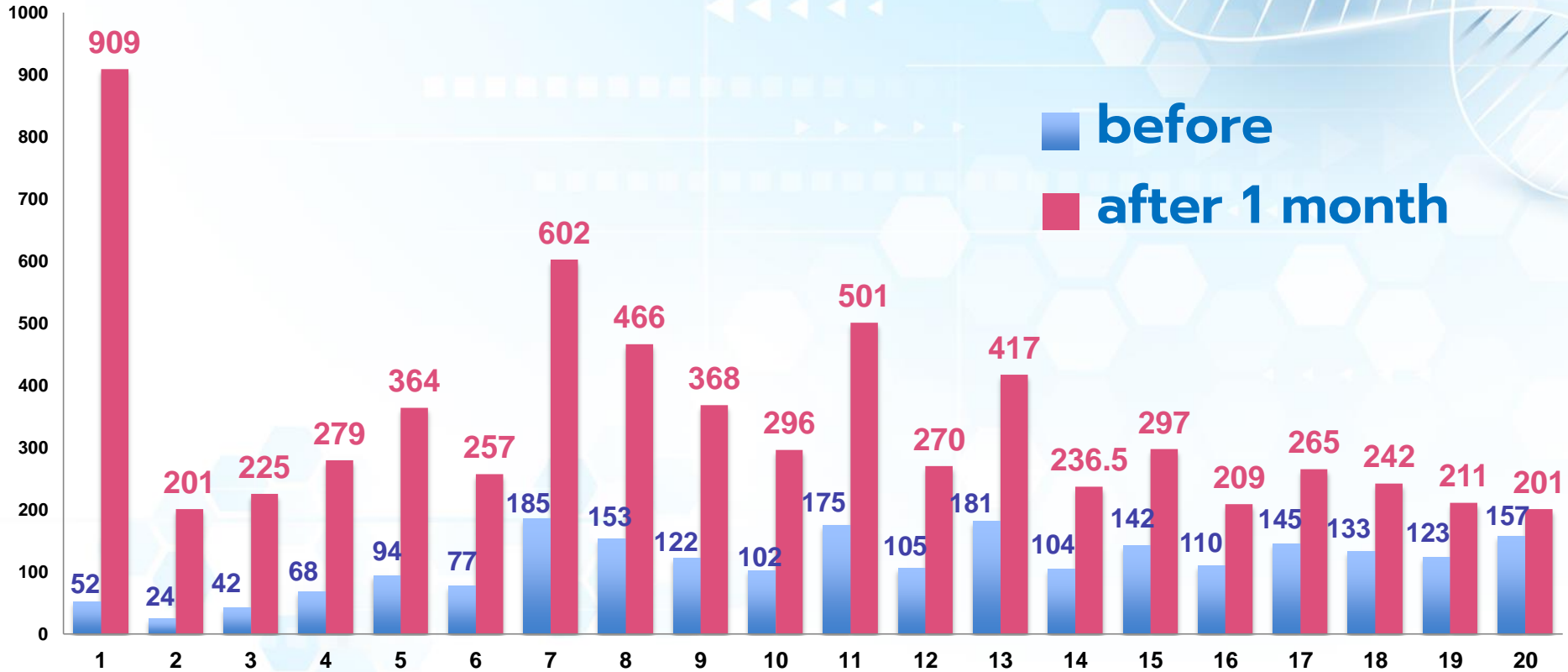
APCO Immunotherapy was introduced by Dr. Pichaet Wiriyaichitra

The National Innovation Agency recognized APCOcap (ByeByeHIV formula) as a Thai Innovative Product to improve the quality of life of HIV-infected people globally, on 4 September 2015

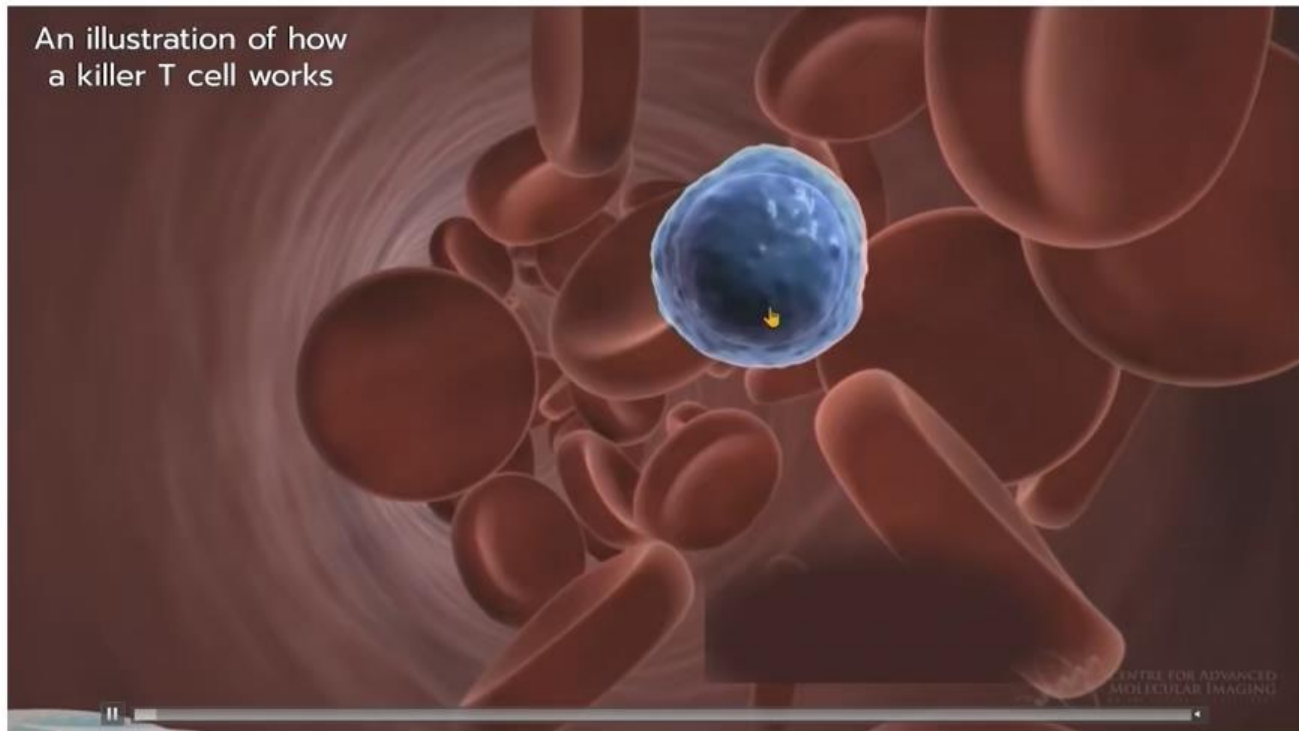


ByeByeHIV formula,

9 capsules a days for 1 month, boosts CD4 for 20 AIDS patients to levels above 200 cells/cu.mm.



An illustration of how
a killer T cell works



Prof. Dr. Pichaet Wiriyaichitra

CEO of Asian Phytochemicals Public Company Limited

**Killer T cells prevent foreign matters from entering
the body and eliminate those that made it in.**

**HIV shortens telomere length
causing various ailments.**

**Antiviral drugs cause serious side effects,
mainly from inhibiting telomerase activity
in repairing telomeres shortened by HIV.**

**HIV + antiviral drugs → rapid telomere shortening,
leading to serious ailments.**

In 2 studies,
ByeByeHIV formula, 5 capsules a day for 8 weeks,
lengthens **telomere** by **408/342** base pairs
(equivalent to **5.8/4.9** years age reversal).

Ref: <https://doi.org/10.1002/fsn3.3851>

ByeByeHIV formula can solve the telomere shortening
from HIV and the antiviral drug side effects.



During 2007-2017, **ByeByeHIV formula successfully helped over 6,000 HIV/AIDS infected individuals in Thailand to increase their CD4 count, decrease viral load and improve life quality.**



In 2014, the first HIV infected volunteer, Mr. M, took *ByeByeHIV* formula instead of antiviral drugs.

His viral load of 34,462 copies/ml dropped to an undetectable level within 12 months.

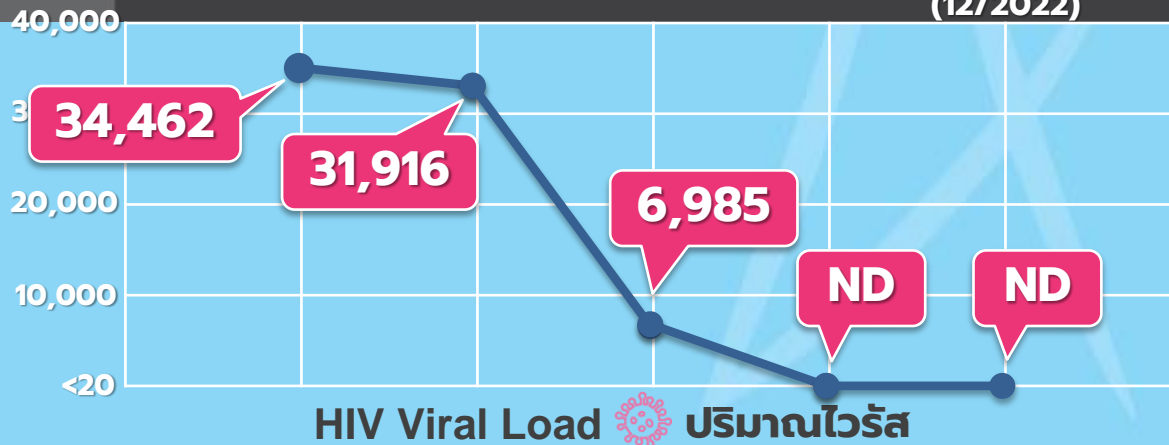
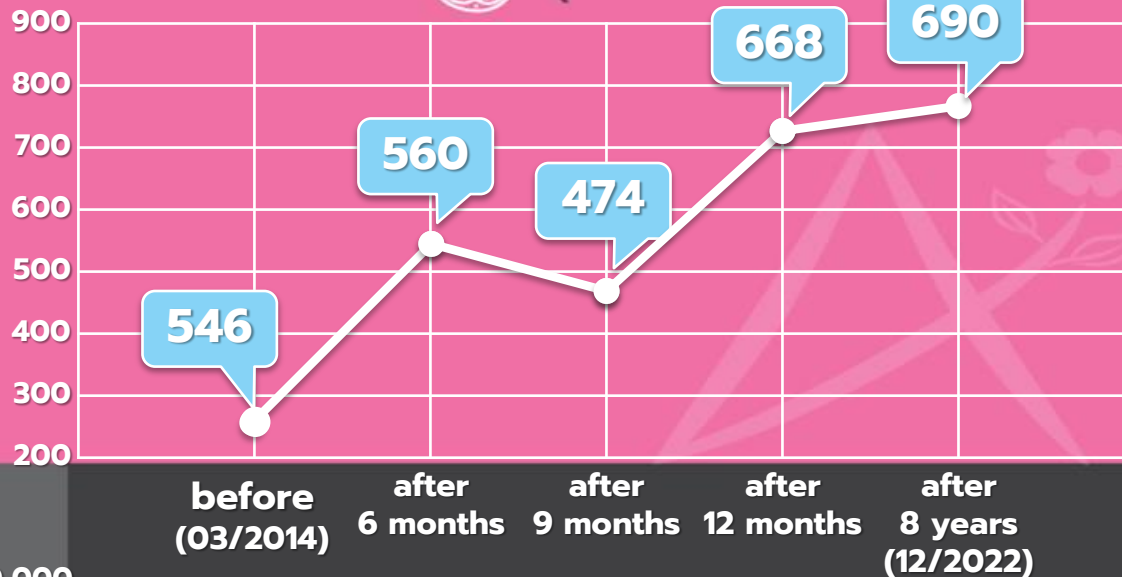
He remains in good health with undetectable HIV for the past 8 years, even after he stopped taking the formula for 4 years.

In 2022, his CD4 count: 690 cells/cu.mm with undetectable HIV.




Mr. M
#1

CD4 (cells/cu.mm)



HIV Viral Load  ปริมาณไวรัส

The background features a light blue color scheme with a large, stylized DNA double helix on the right side. The helix is composed of white lines forming the structure, with some segments filled with blue and white diagonal stripes. Scattered across the background are various shades of blue and white hexagonal shapes, some solid and some outlined, creating a molecular or cellular aesthetic. The text is centered and uses a mix of red and blue colors for emphasis.

In 2020,
a standard ByeByeHIV procedure
to treat HIV infected individuals
was established.

ByeByeHIV procedure for HIV-infected individuals who have not taken antivirals (Group A)

Step 1: Test for HIV load, CD4 count and CD4%.

Step 2: Take 3-4 capsules (depending on the severity) half an hour before meals, totaling 9-12 capsules per day, while testing for HIV load, CD4 count and CD4% every 1-2 months until no infection is detected.

Step 3: Gradually reduce the number of capsules.

In the first month, reduce to 2-3 capsules, half an hour before meals, totaling 6-9 capsules a day.

In the second month, take 2 capsules half an hour before breakfast and dinner, totaling 4 capsules a day.

Then in the following months, reduce to 1 capsule half an hour before breakfast and dinner, totaling 2 capsules a day to maintain sufficient immunity at all times and to remain continually in good health.

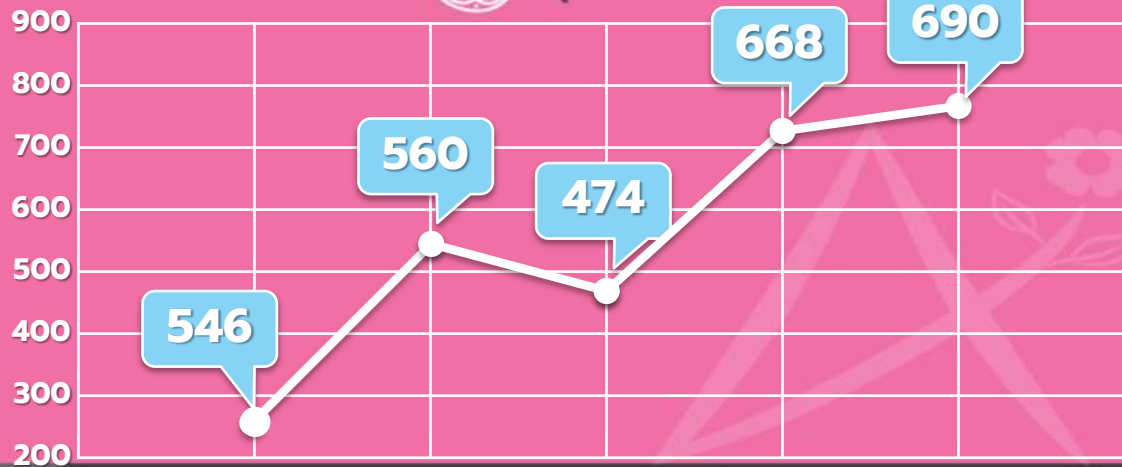
The background features a light blue color scheme with a large, stylized DNA double helix on the right side. The helix is composed of white lines with blue diagonal stripes. Scattered throughout the background are various shades of blue and white hexagonal shapes, some solid and some outlined. A horizontal line with four white arrowheads pointing left is positioned above the main text.

**Other successful *ByeByeHIV* cases
for HIV-infected individuals who have not
taken antivirals**

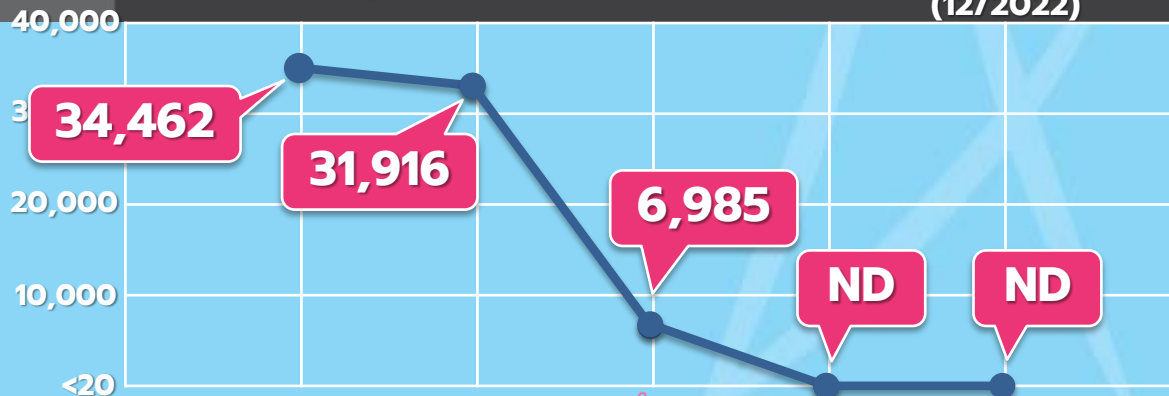


Mr. M
#1

CD4 (cells/cu.mm)



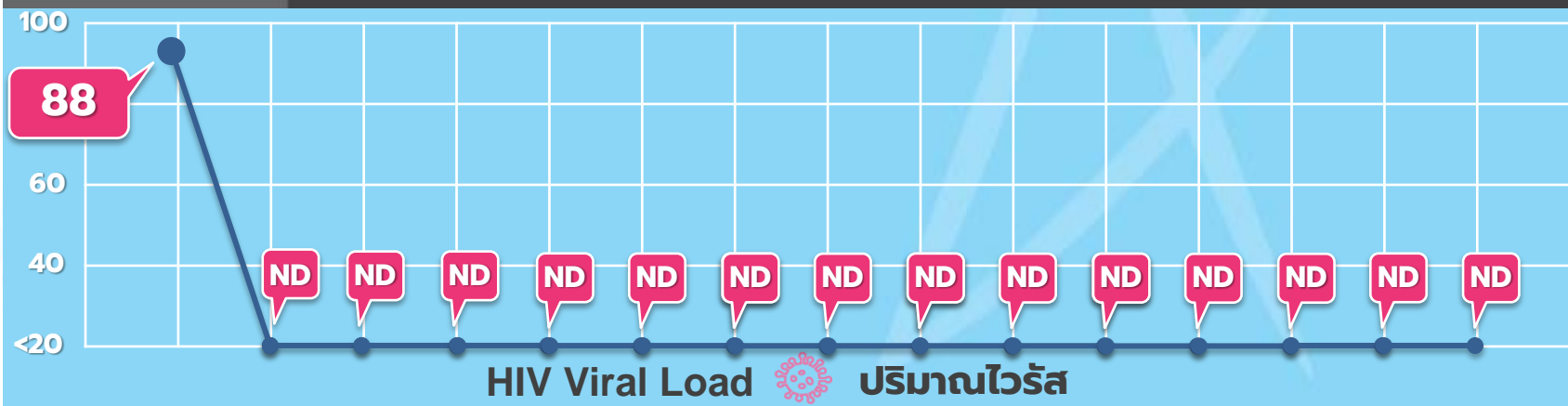
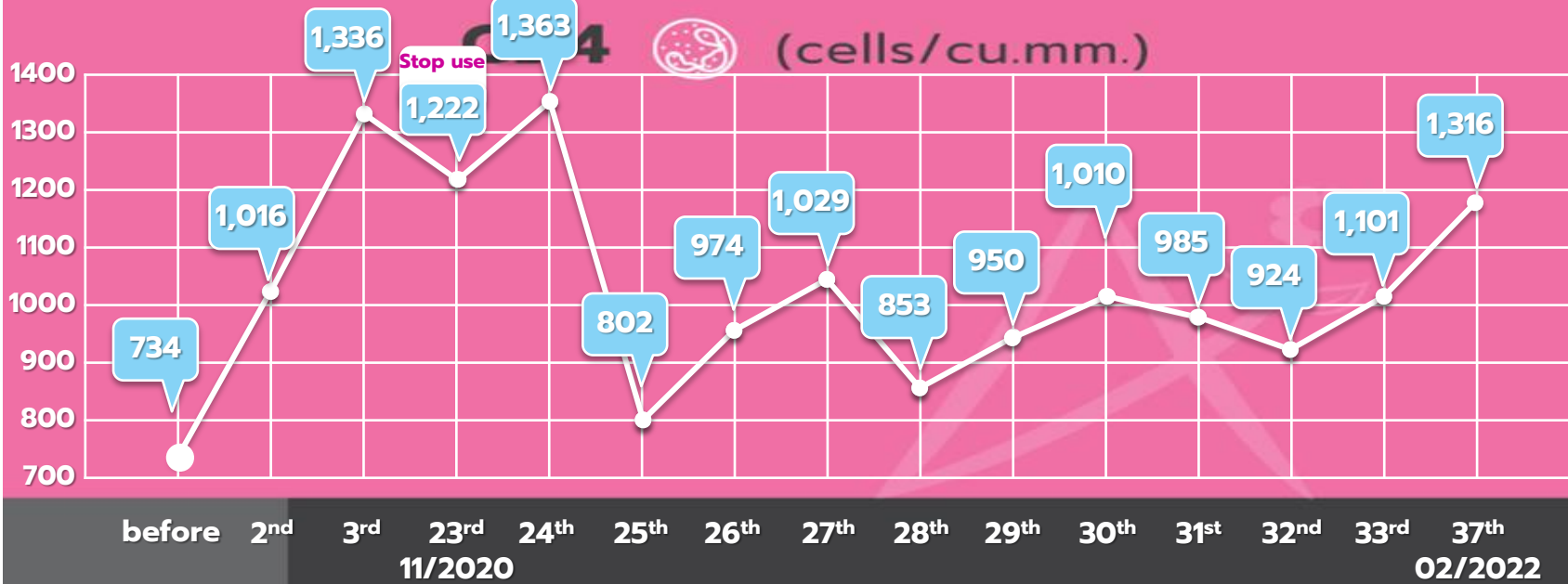
before (03/2014) after 6 months after 9 months after 12 months after 8 years (12/2022)



HIV Viral Load  ปริมาณไวรัส



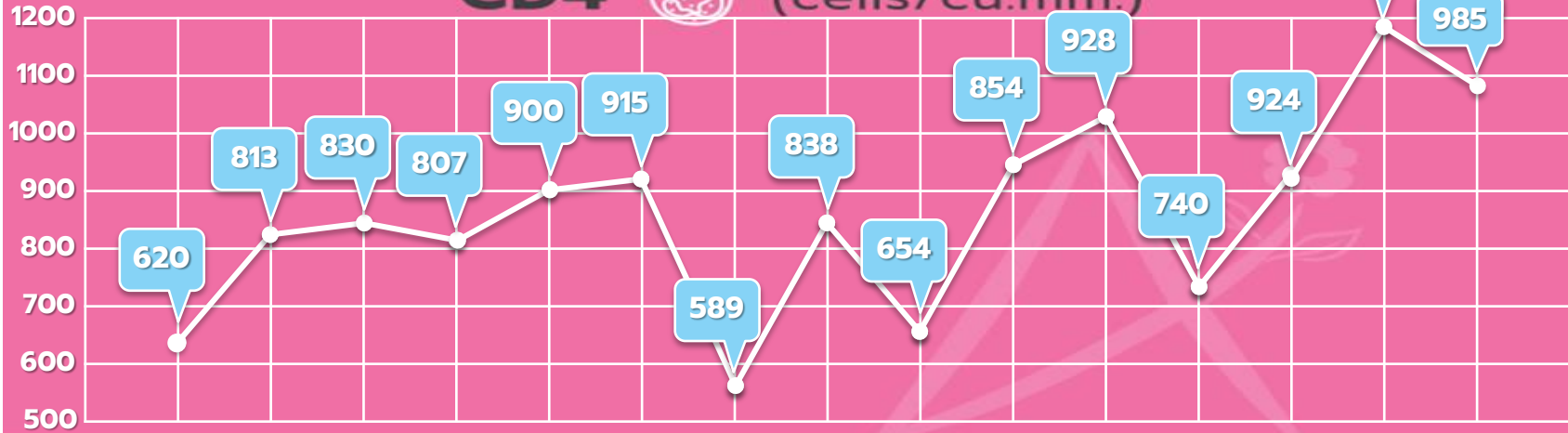
Mr. K
#2



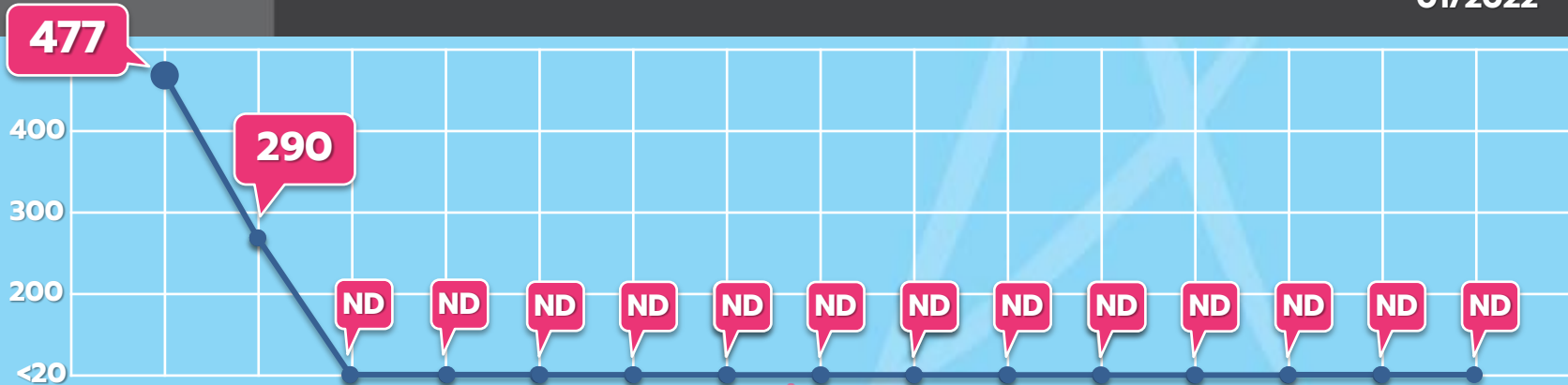


Mr. L
#3

CD4 (cells/cu.mm.)



before 1st 2nd 3rd 4th 5th 15th 16th 17th 18th 19th 20th 21st 22nd 23rd
01/2022

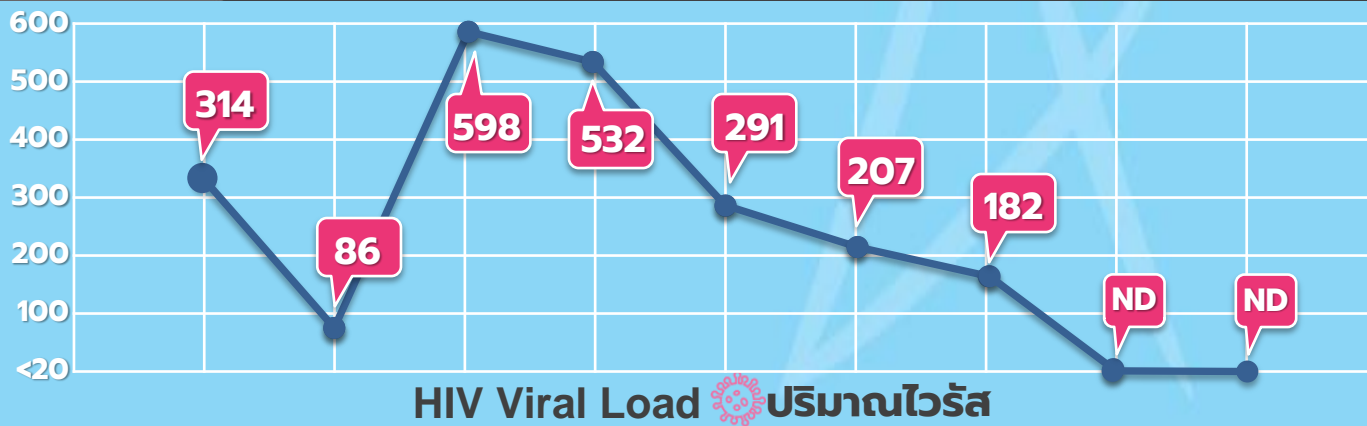
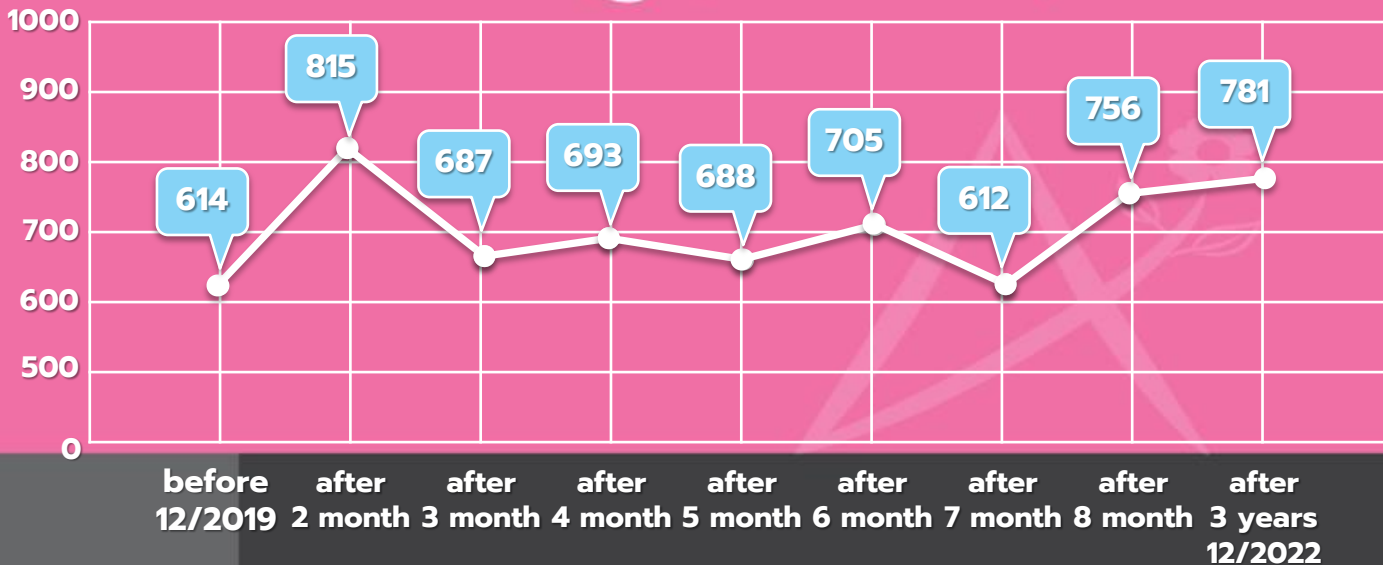


HIV Viral Load ปริมาณไวรัส



Mr. Off
#4

CD4 (cells/cu.mm.)

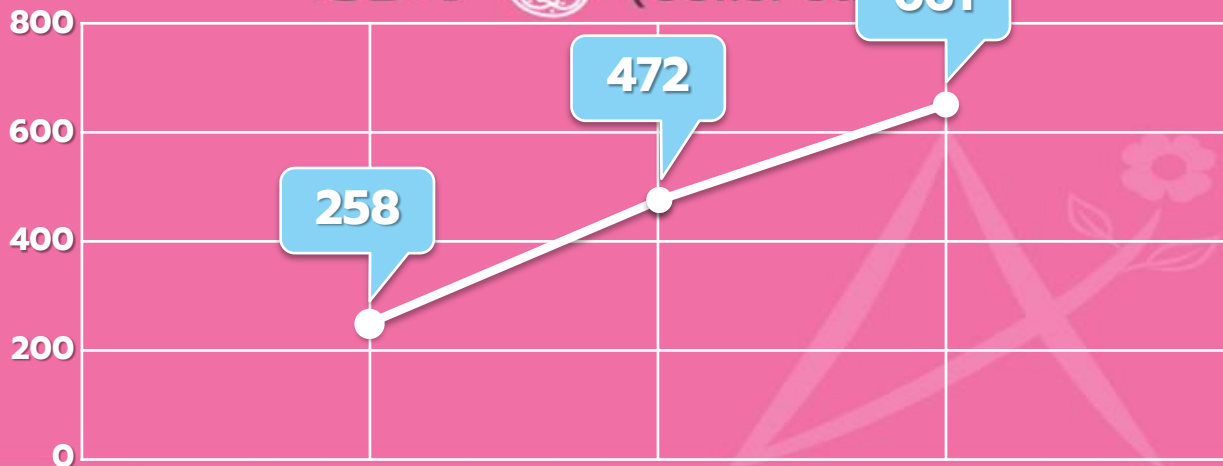


HIV Viral Load  ปริมาณไวรัส



Mr. Bear
#5

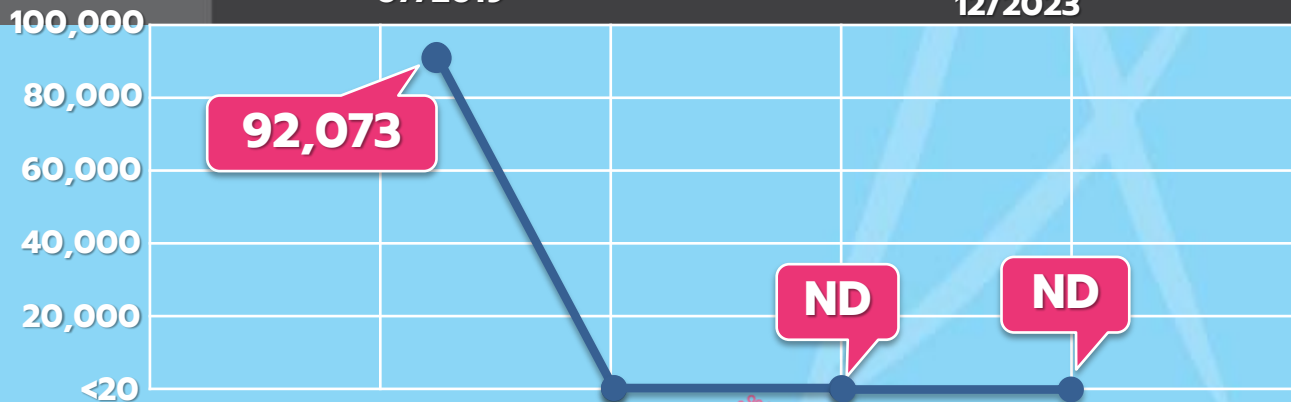
CD4 (cells/cu)



before
07/2019

after
3 months

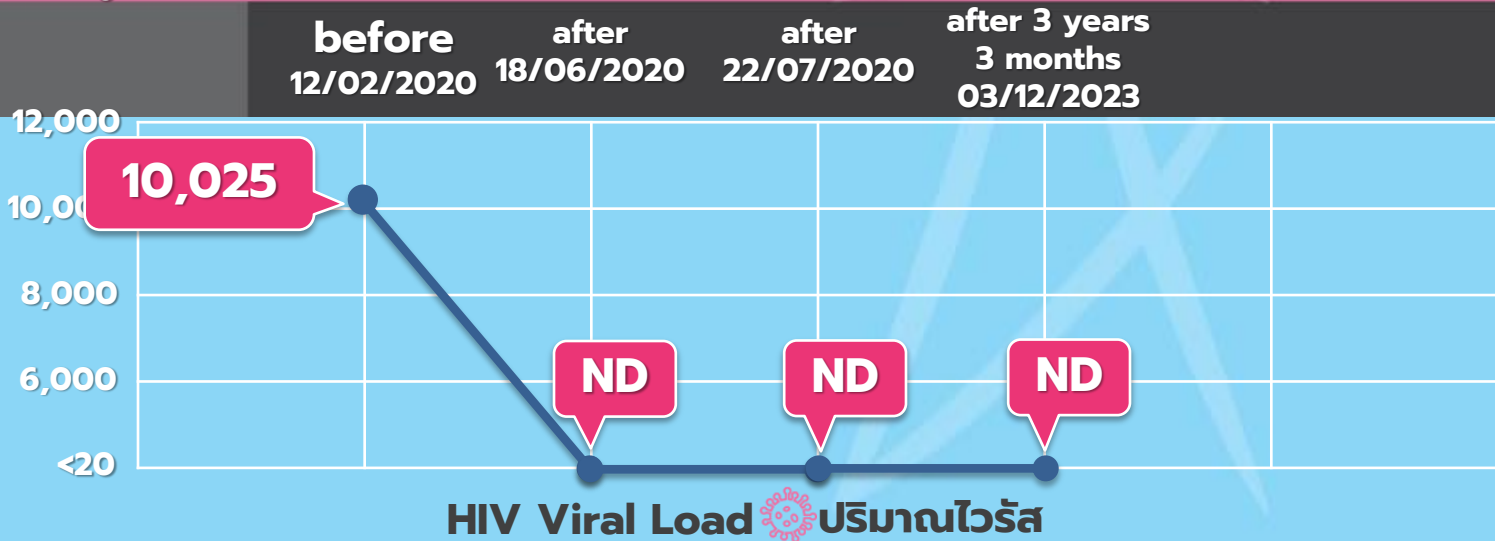
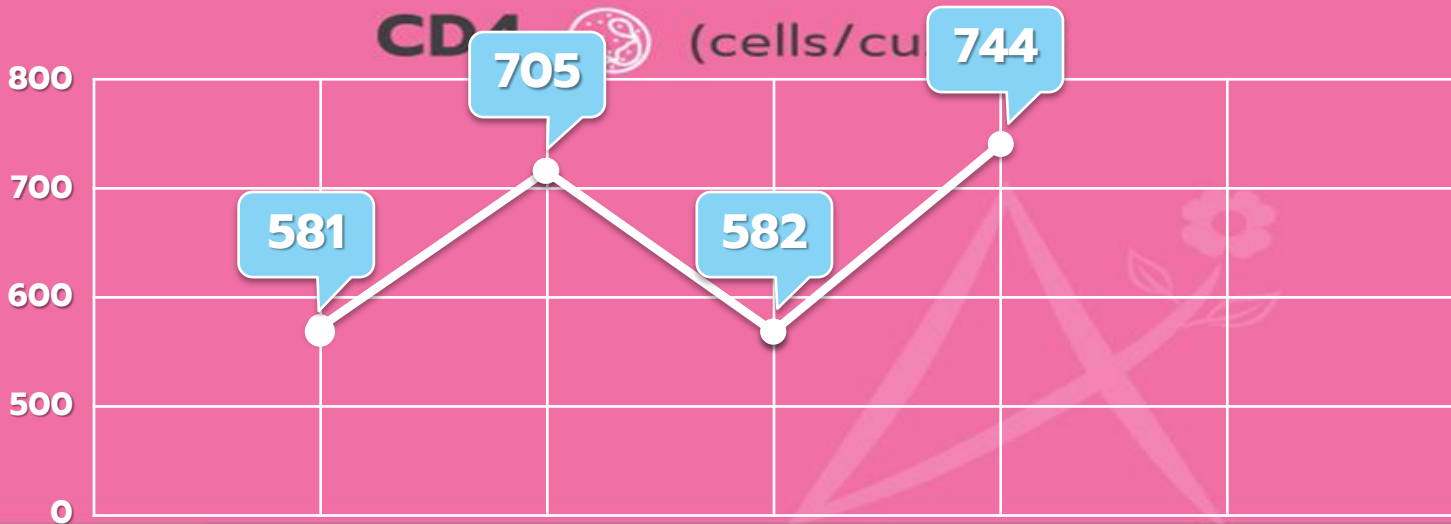
after
3 years 3 months
12/2023



HIV Viral Load  ปริมาณไวรัส

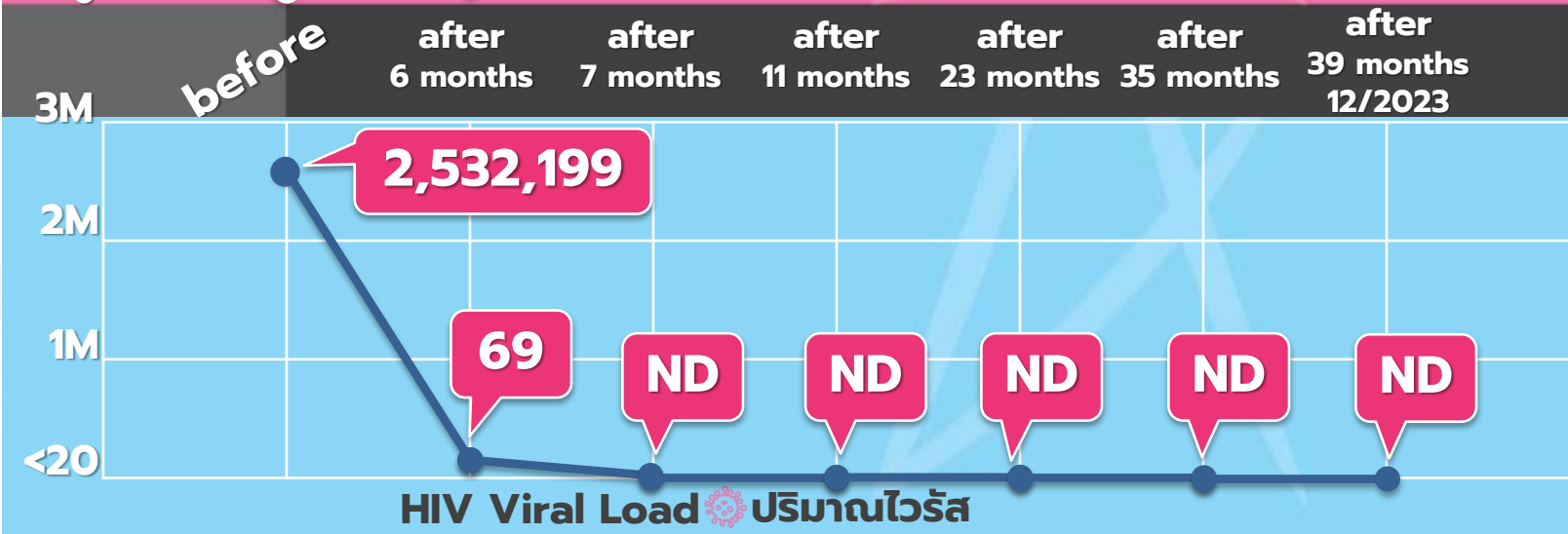
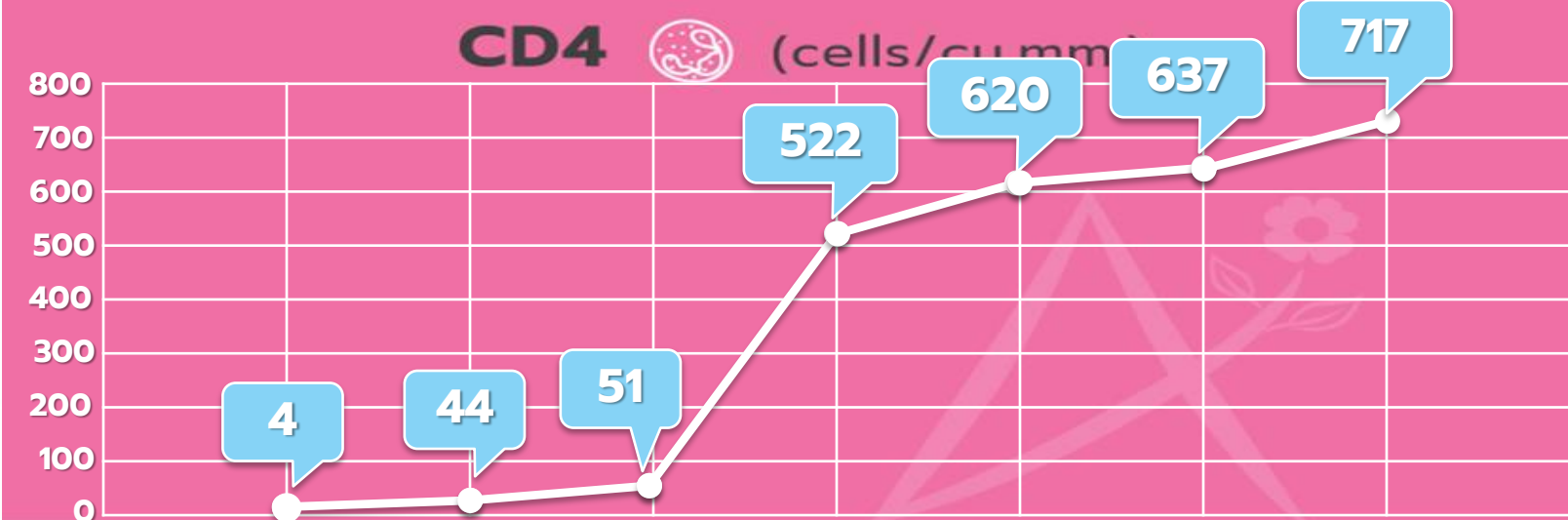


Mr. Nont
#6





Mr. Din
#7





At that time, due to a blood infection and the swelling in both my neck and groin,

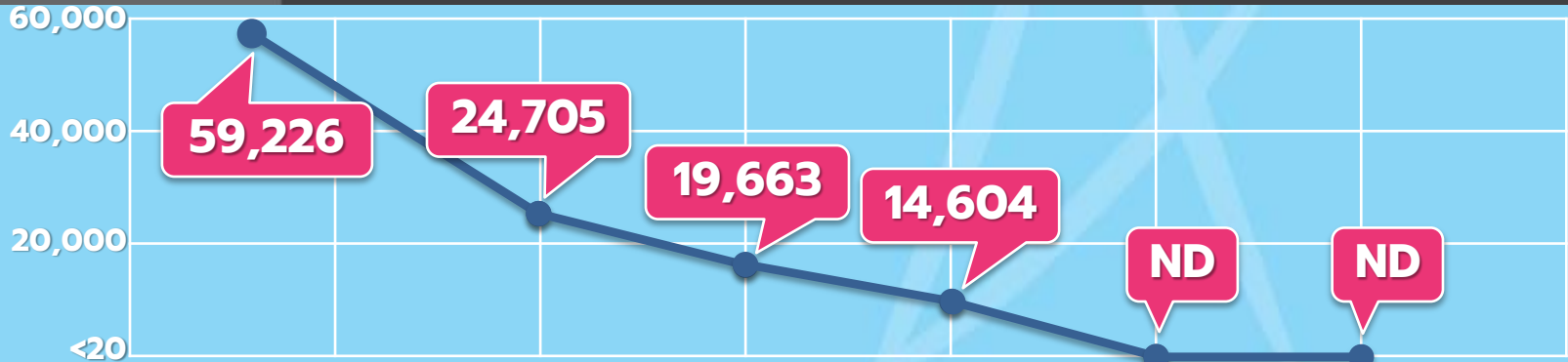
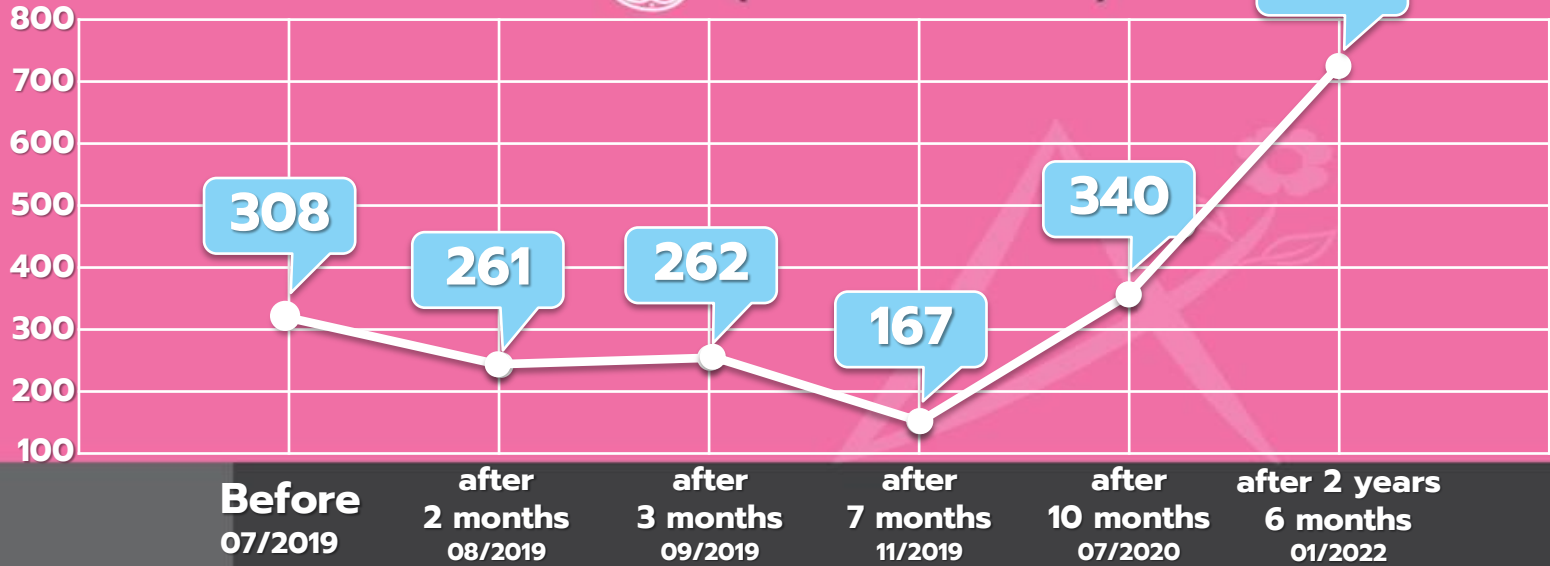


He is now acting as one of the counselors to those who want to achieve **ByeByeHIV**.



Mr. Knight #8

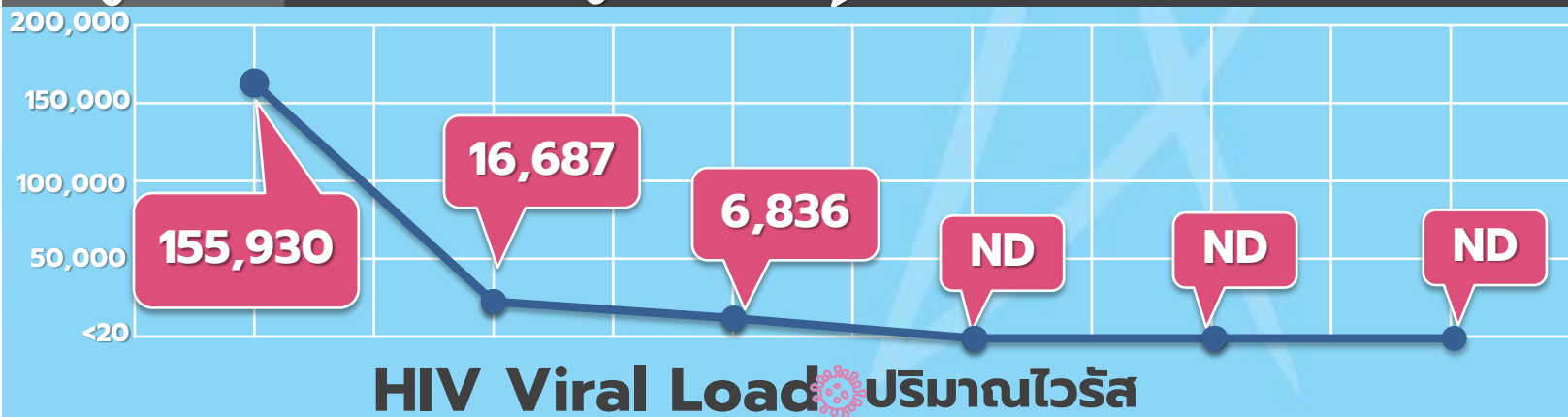
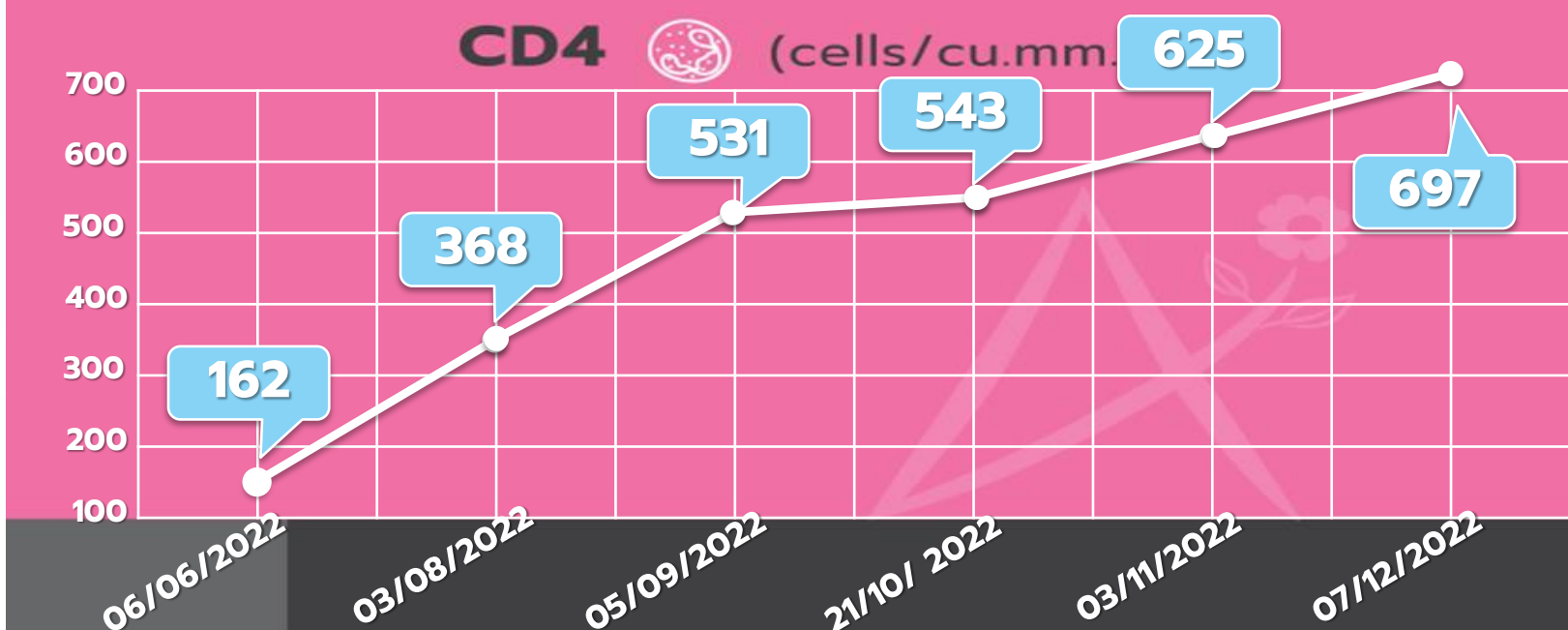
CD4 (cells/cu.mm.)



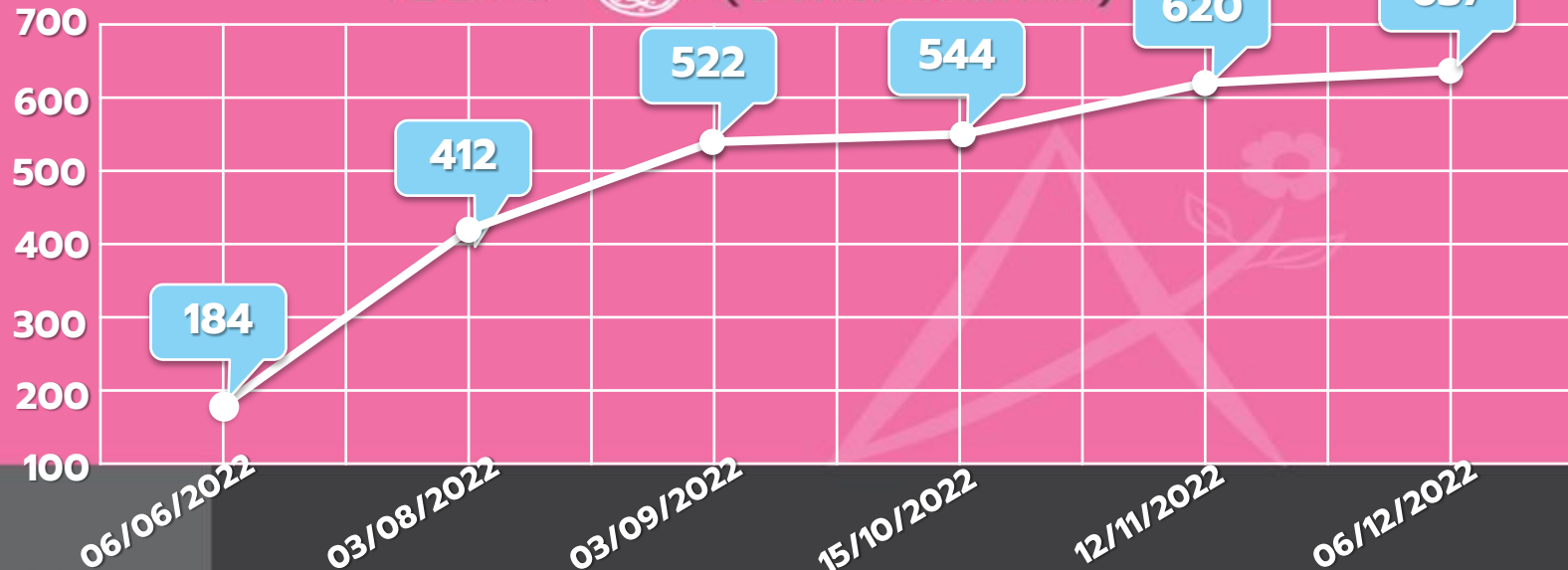
HIV Viral Load ปริมาณไวรัส



Ms. Aum
#9



CD4 (cells/cu.mm.)



คุณตุน (32 ปี)
Mr. Toon
#10



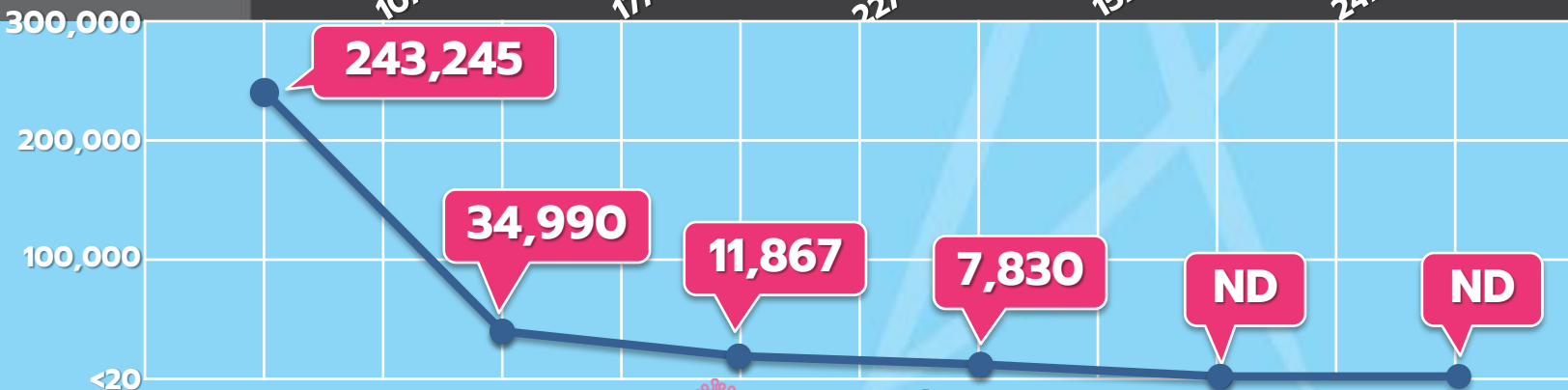
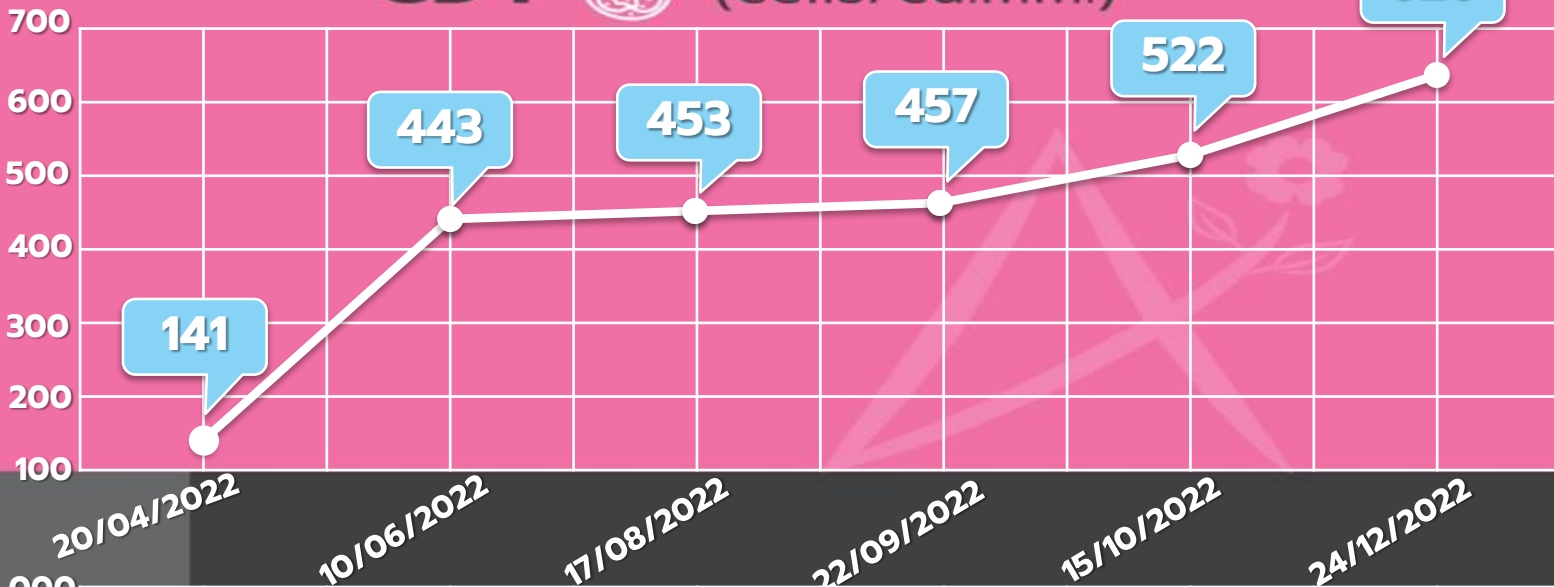
HIV Viral Load ปริมาณไวรัส



คุณมาร์ค
ชาย อายุ 30 ปี

Mr. Mark
#11

CD4  (cells/cu.mm.)



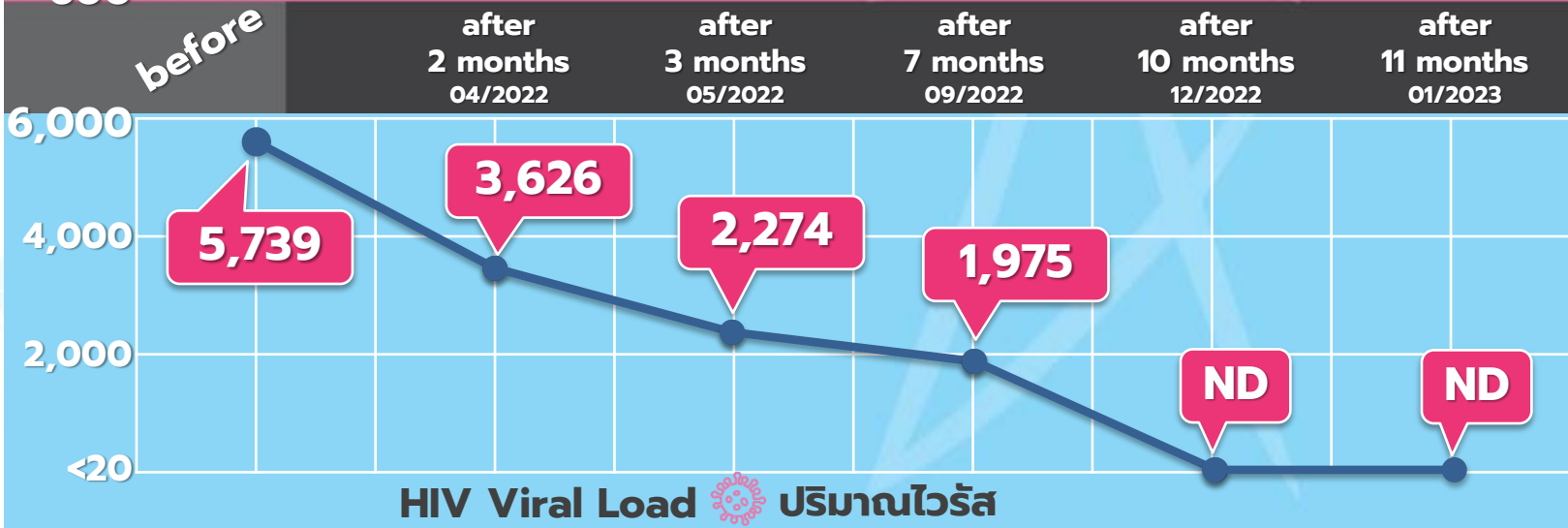
HIV Viral Load ปริมาณไวรัส



คุณกล้า
ชาย อายุ 30 ปี

Mr. Kla
#12

CD4 (cells/cu.mm.)

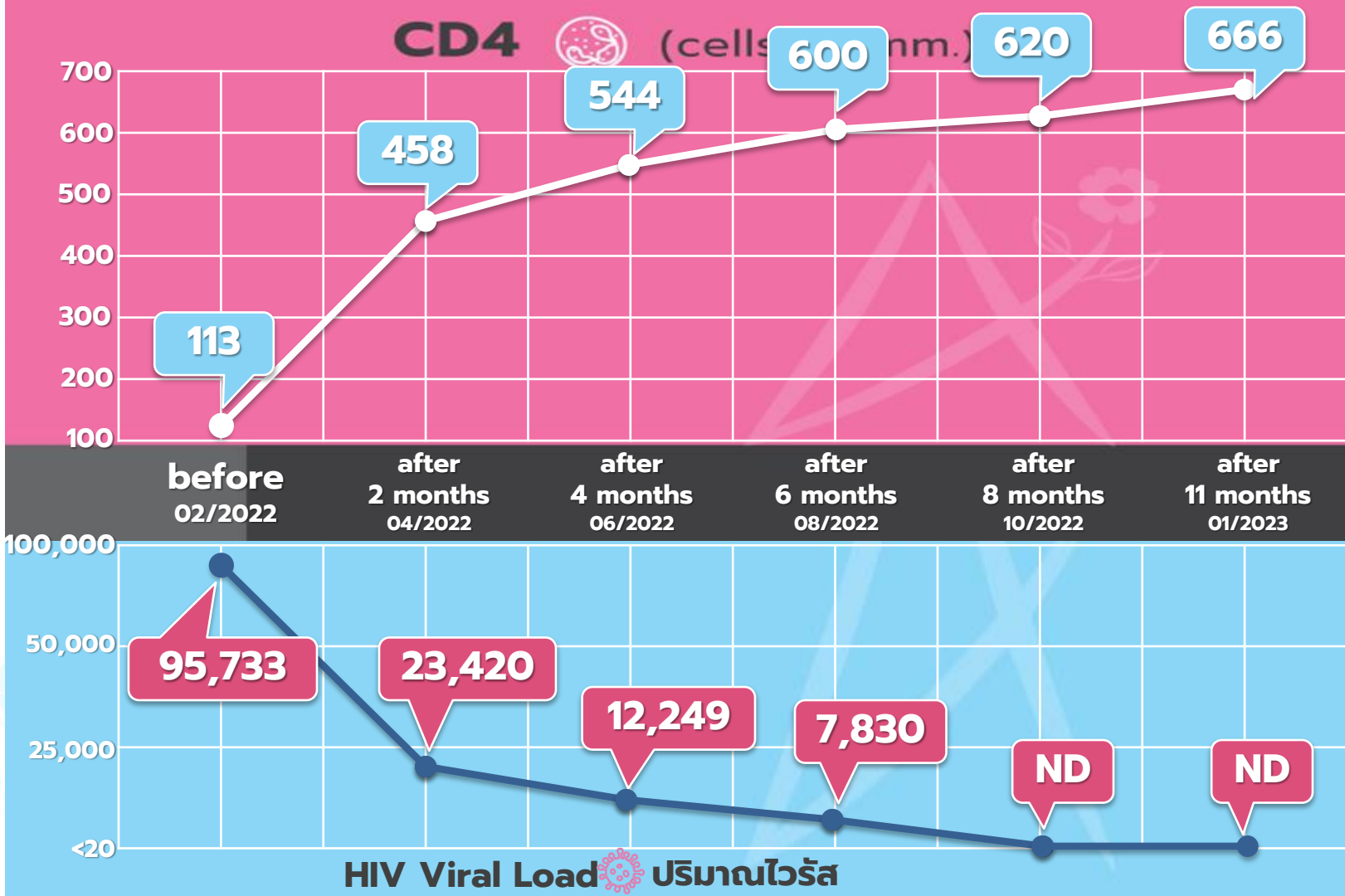


HIV Viral Load  ปริมาณไวรัส



ຄູ່ມື
ທ່ານ 30 ປີ

Ms. Oom
#13

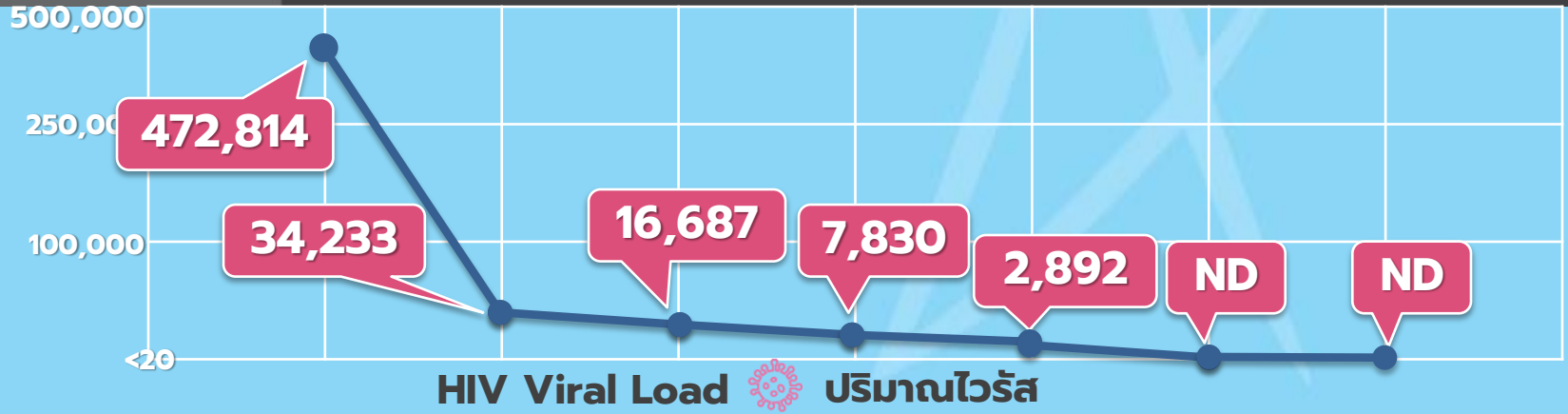
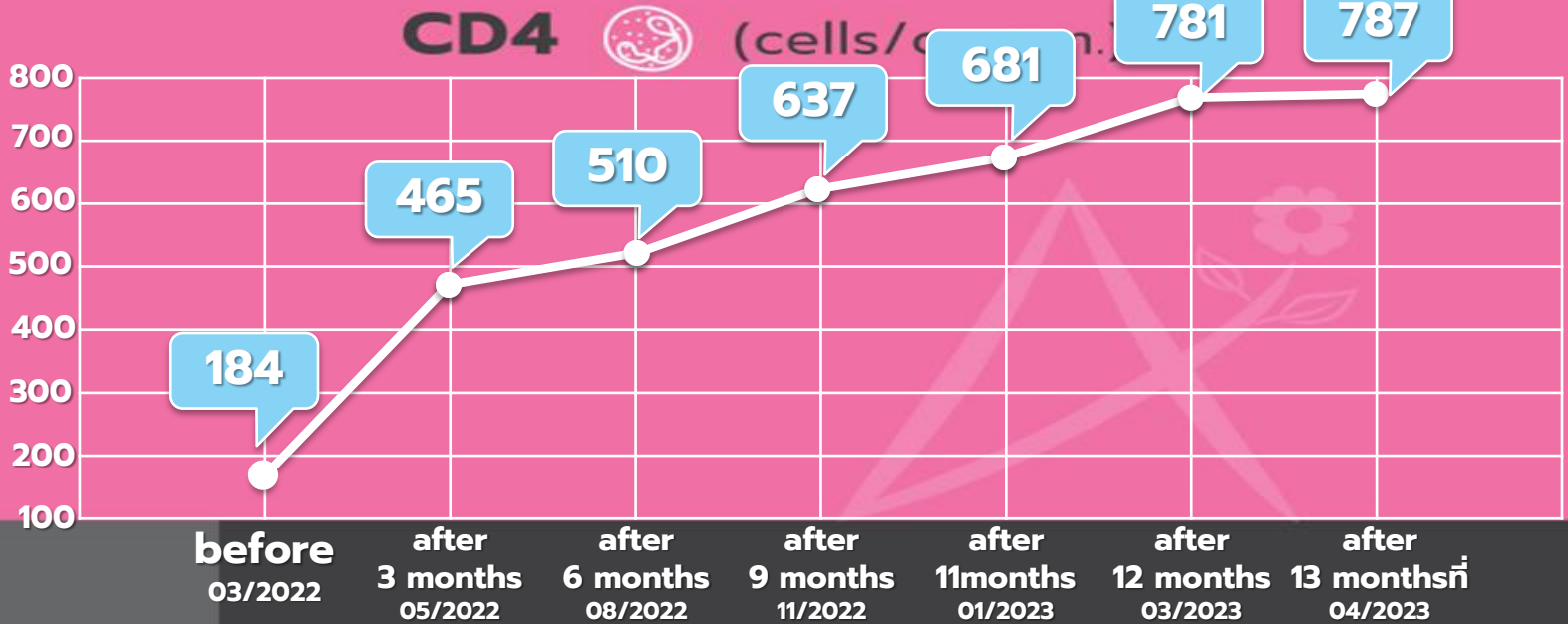




คุณกอล์ฟ (31 ปี)

“

Mr. Golf
#14

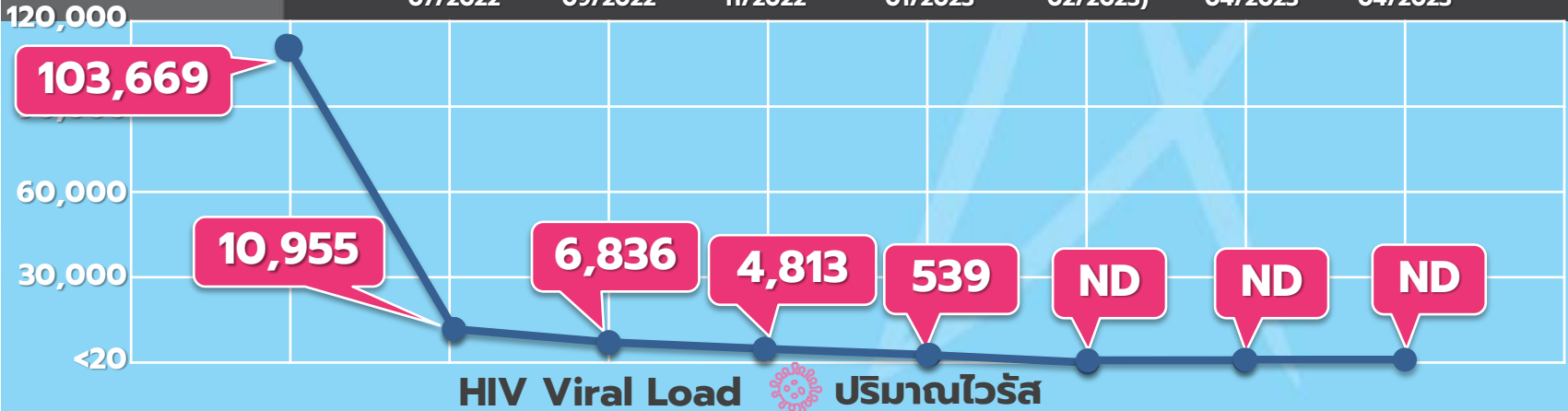
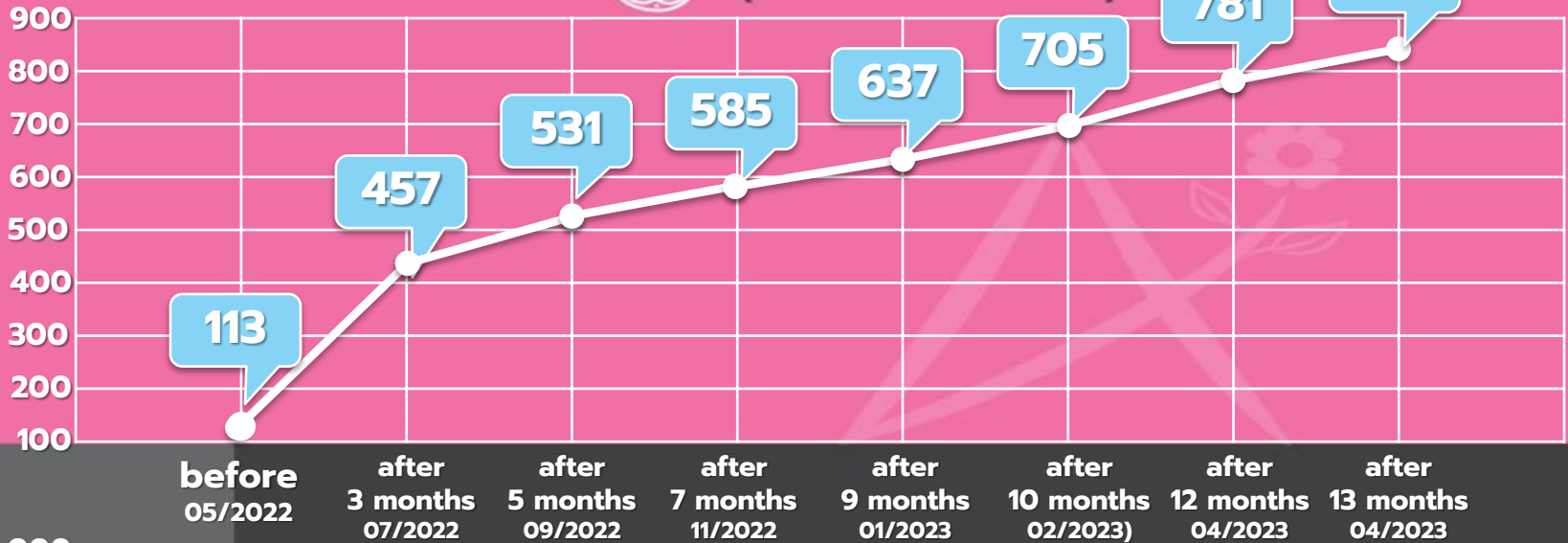




คุณสมชาย (33 ปี)

“
Mr.Sky
#15

CD4 (cells/cu.mm.)

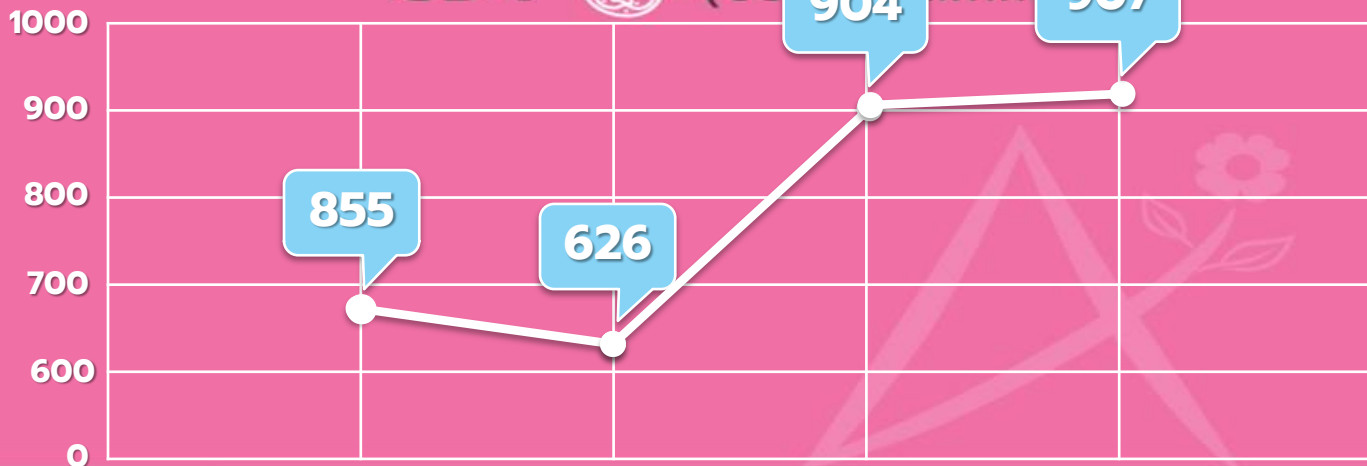


HIV Viral Load ปริมาณไวรัส

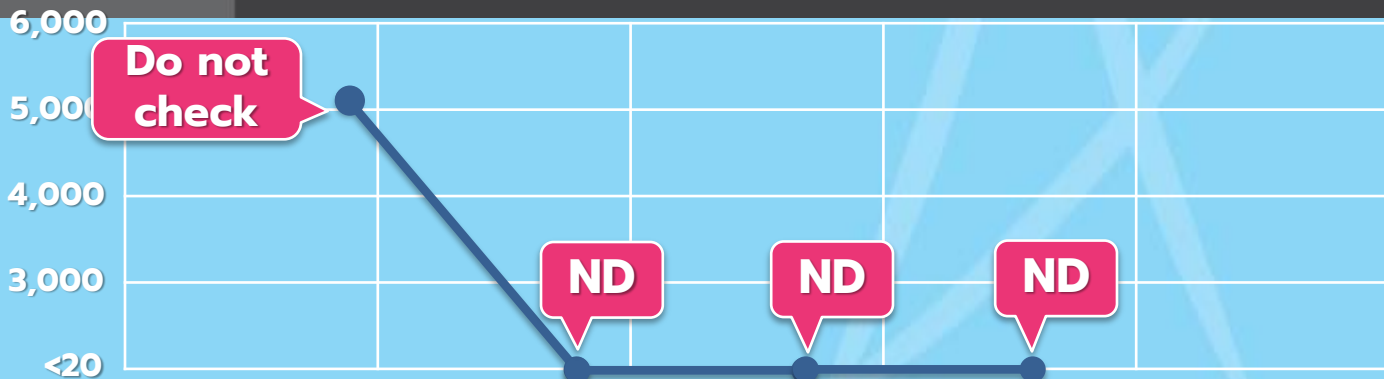


**Mr. Phom
#16**

CD4 (cells/mm³)



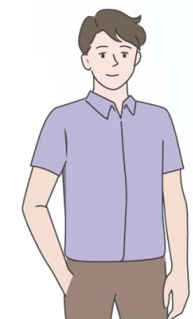
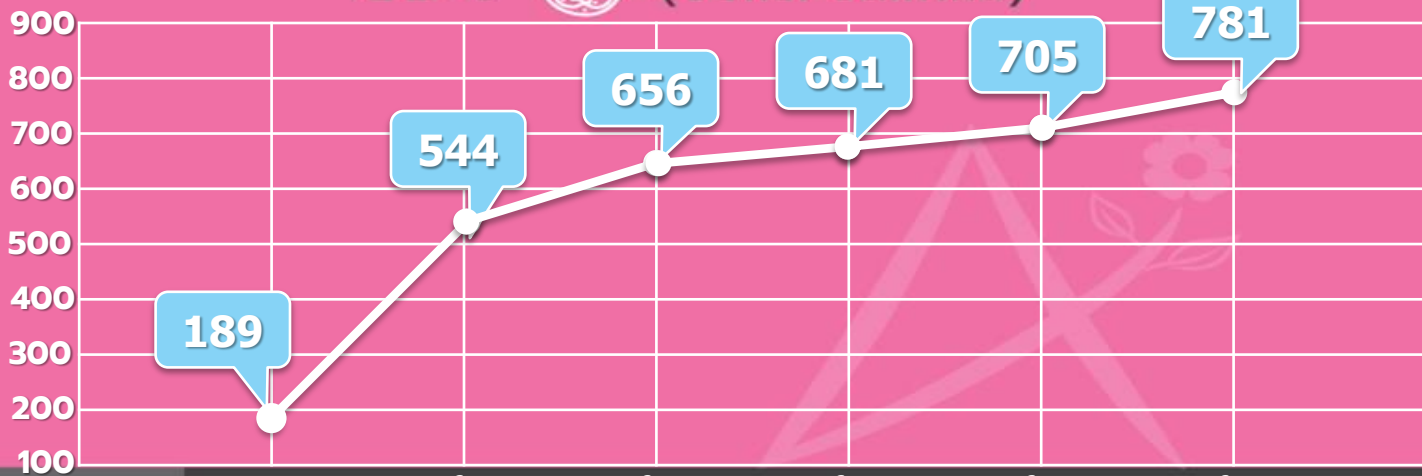
before 15/03/2023 **after 5 days** 20/03/2023 **after 1 month** 22/04/2023 **after 2 months** 22/05/2023



**Do not
check**

HIV Viral Load ปริมาณไวรัส

CD4 (cells/cu.mm.)

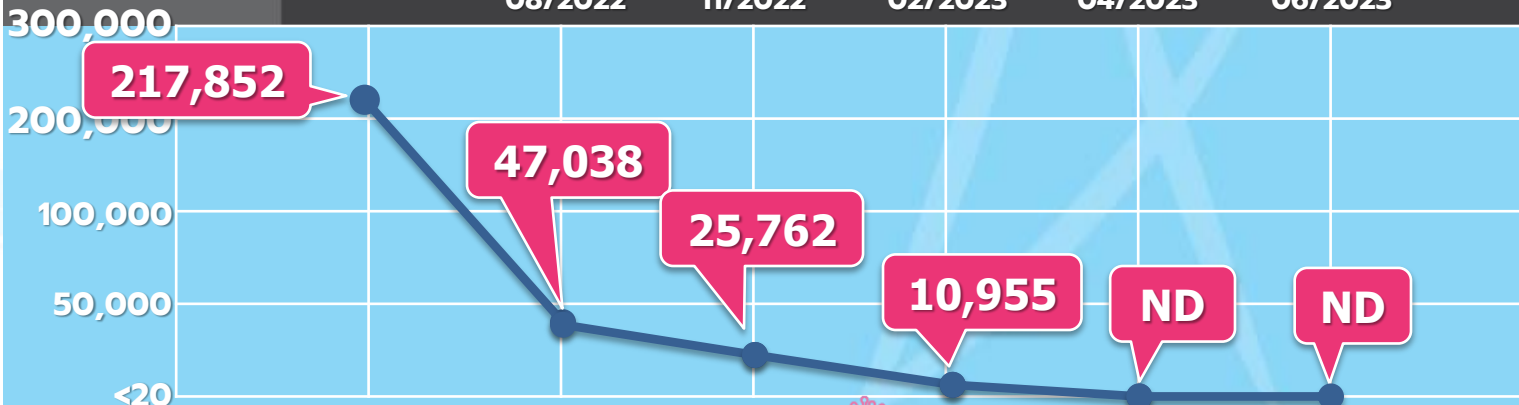


គុណតេង (32 ឆ្នាំ)



Mr. Keng #17

before 07/2022 after 2 months 08/2022 after 5 months 11/2022 after 8 months 02/2023 after 10 months 04/2023 after 12 months 06/2023



HIV Viral Load បរិមាណវិរុស

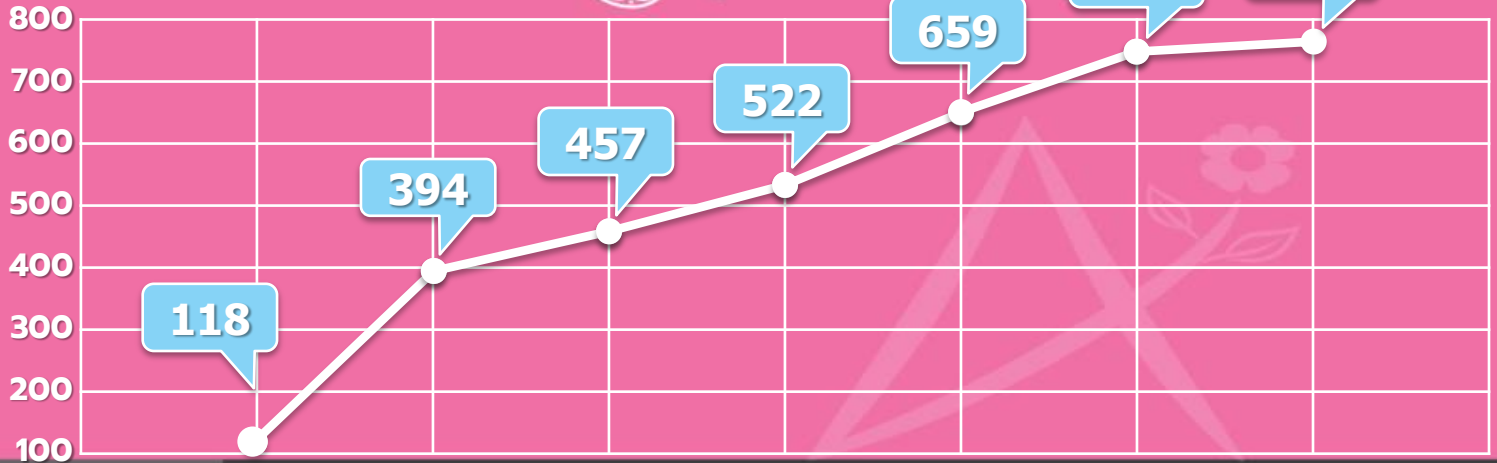




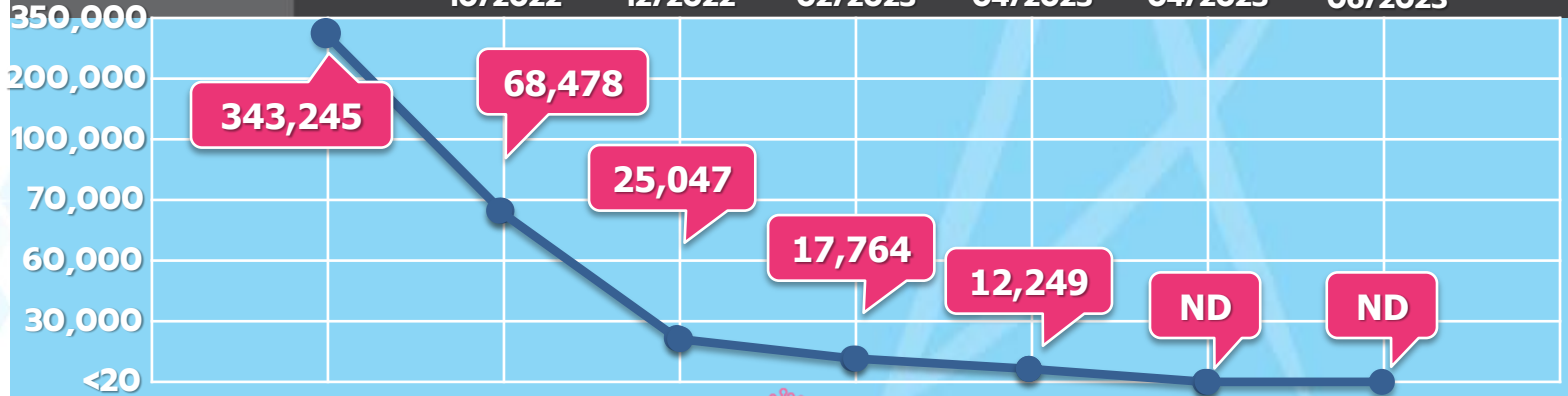
ຄຸນຖຸພາ (35 ປີ)

Mr. Phupa
#18

CD4  (cells/cu.mm.)



before 08/2022 after 3 months 10/2022 after 5 months 12/2022 after 7 months 02/2023 after 9 months 04/2023 after 10 months 04/2023 after 11 months 06/2023



HIV Viral Load ບັນຫນາວໄວຣັດ

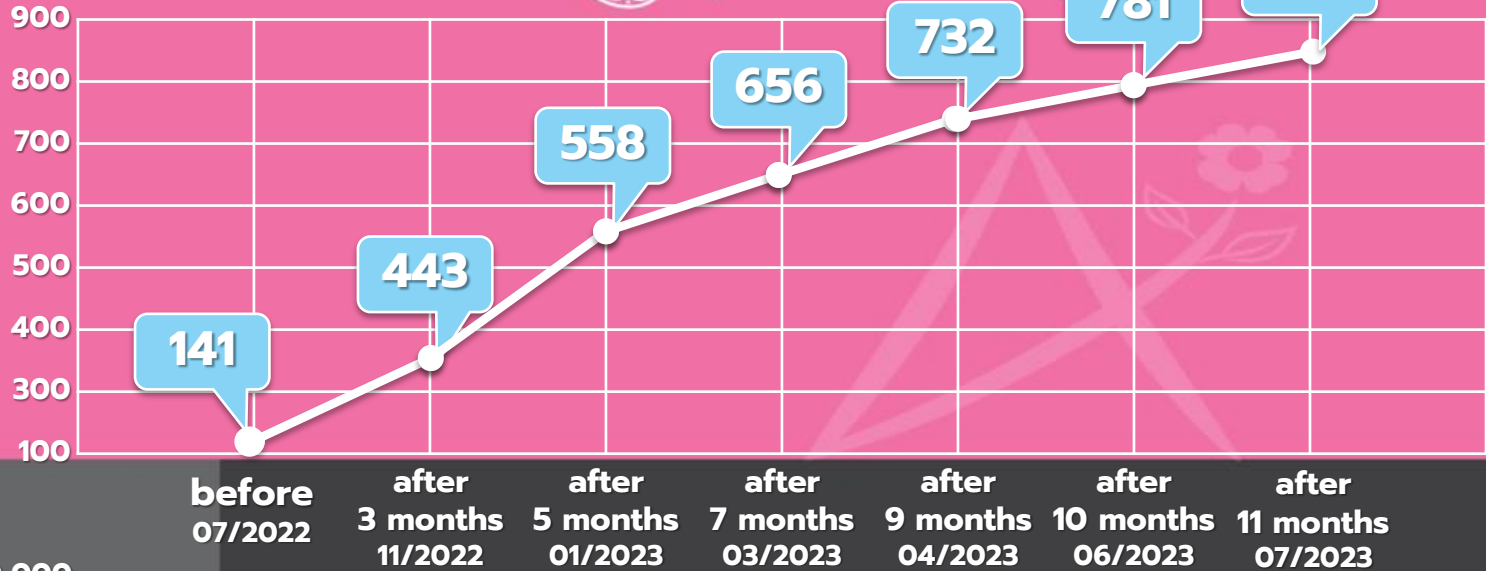




คุณเต๋ย (อายุ 28 ปี)

Mr. Tei
#19

CD4 (cells/cu.mm.)



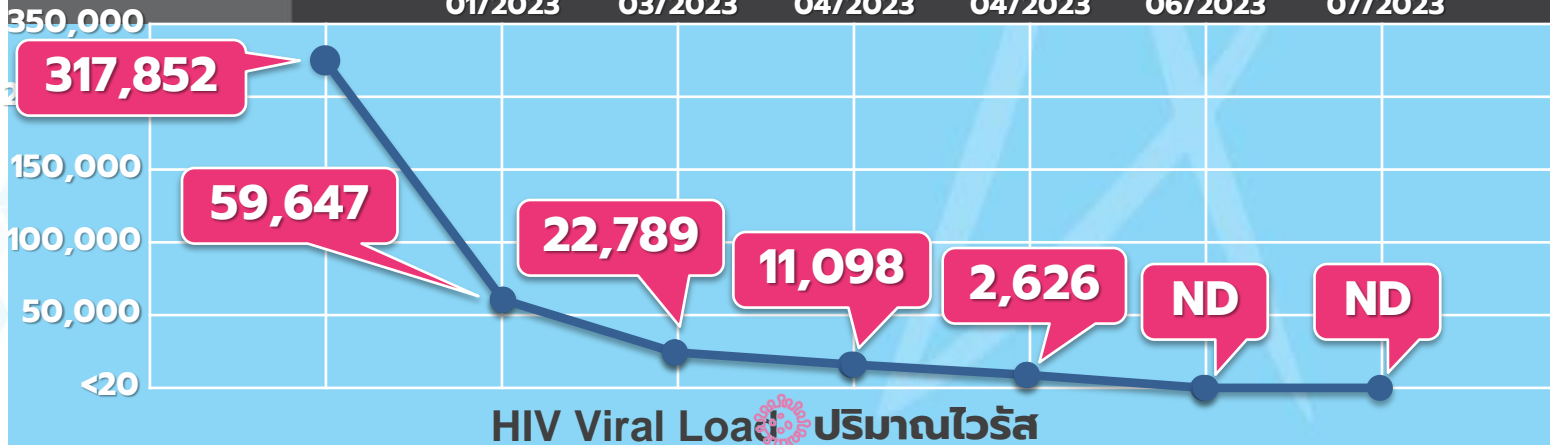
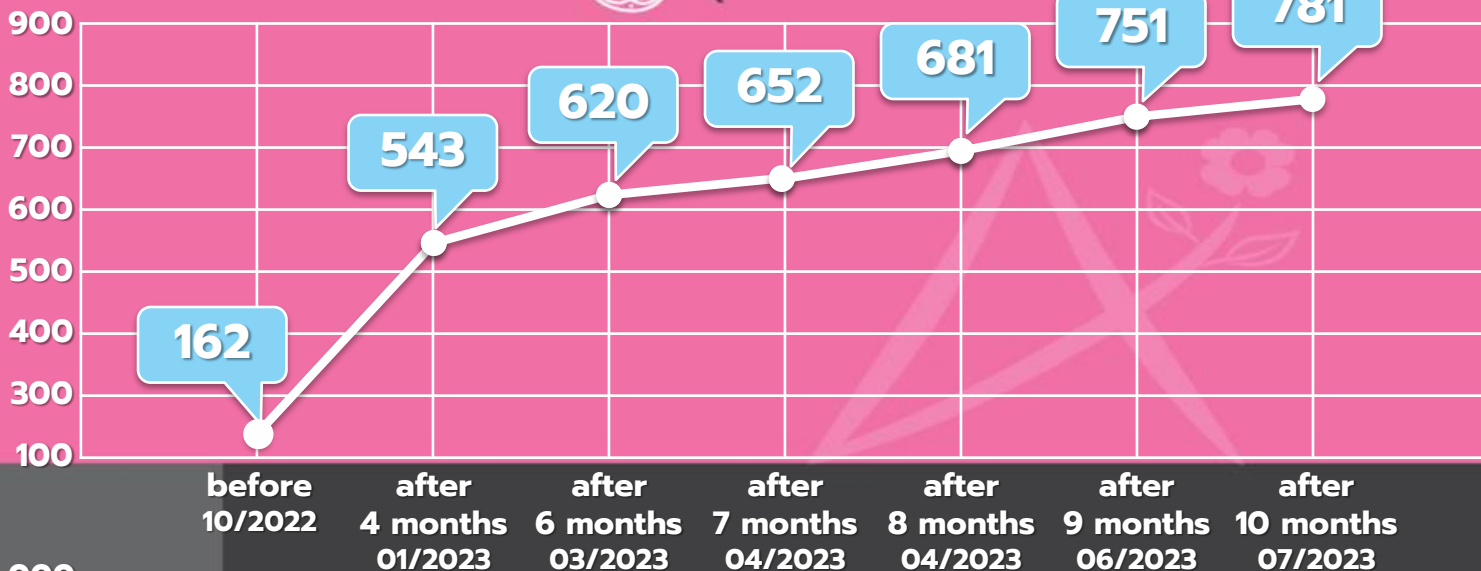
HIV Viral Load ปริมาณไวรัส



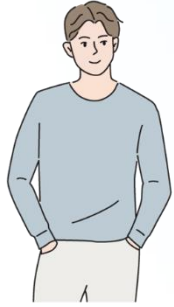
គុណវះព័រ (អាយុ 26 ឆ្នាំ)

Mr. Atom
#20

CD4 (cells/cu.mm.)



HIV Viral Load  បរិមាណវិរុស

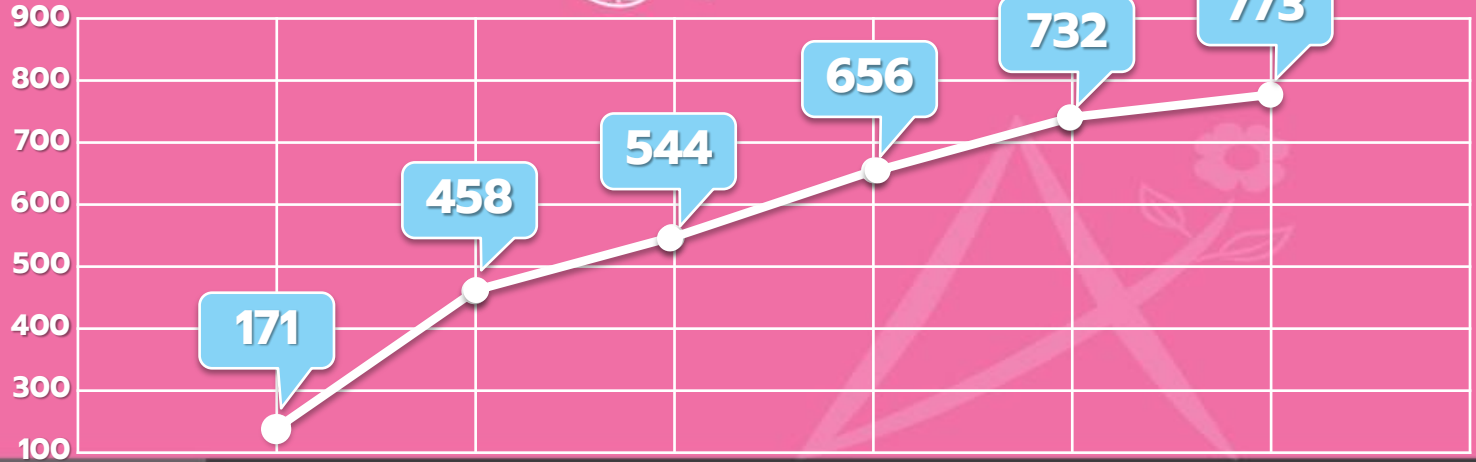


คุณพีช (อายุ 29 ปี)

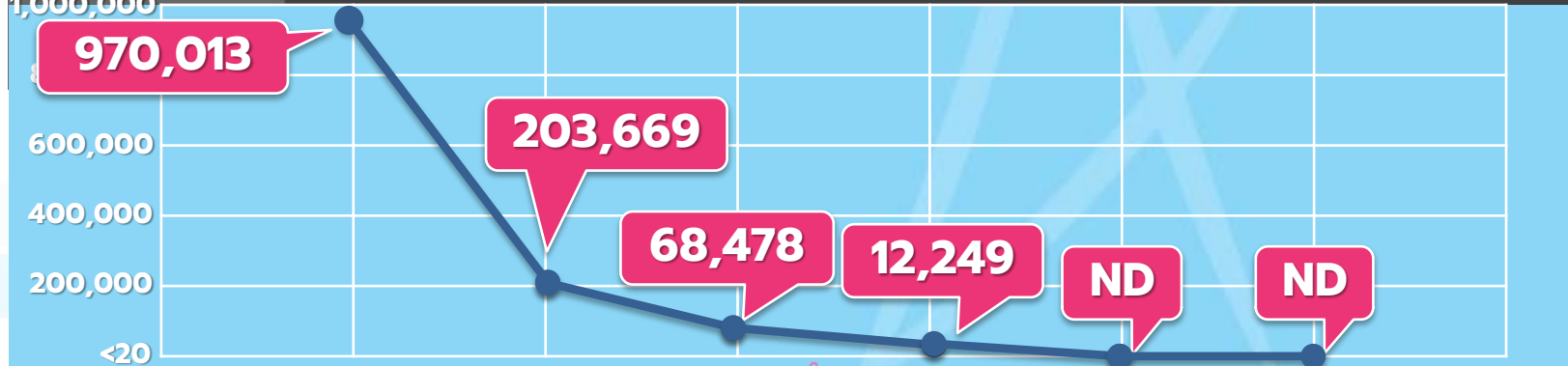


Mr. Peach #21

CD4 (cells/cu.mm.)



Time Point	before 11/2022	after 3 months 01/2023	after 5 months 03/2023	after 7 months 04/2023	after 9 months 07/2023	after 10 months 08/2023
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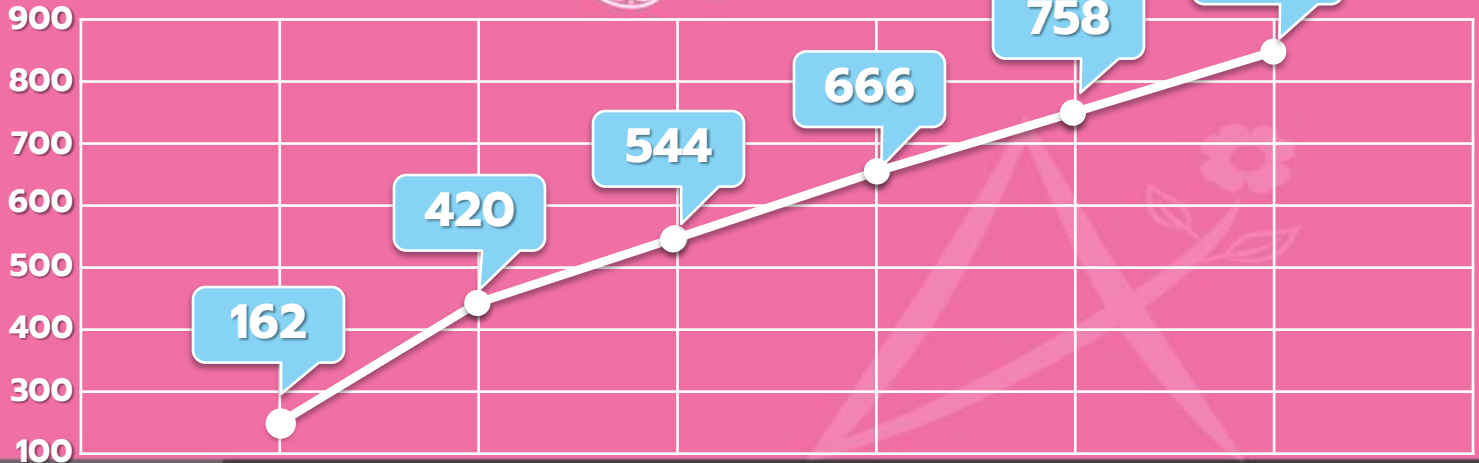
HIV Viral Load ปริมาณไวรัส



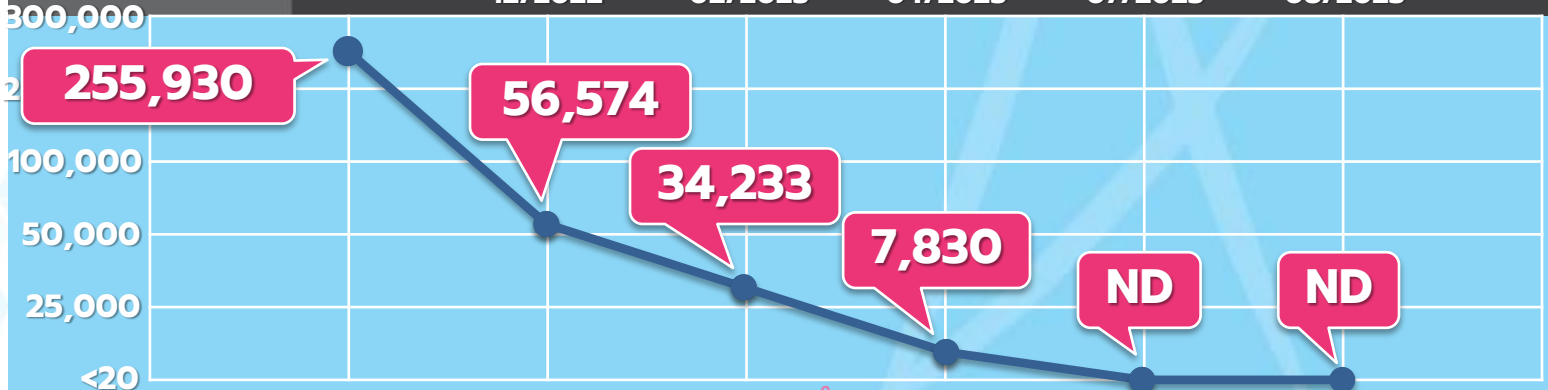
คุณปอนด์ (อายุ 30 ปี)

**Mr. Pond
#22**

CD4  (cells/cu.mm)

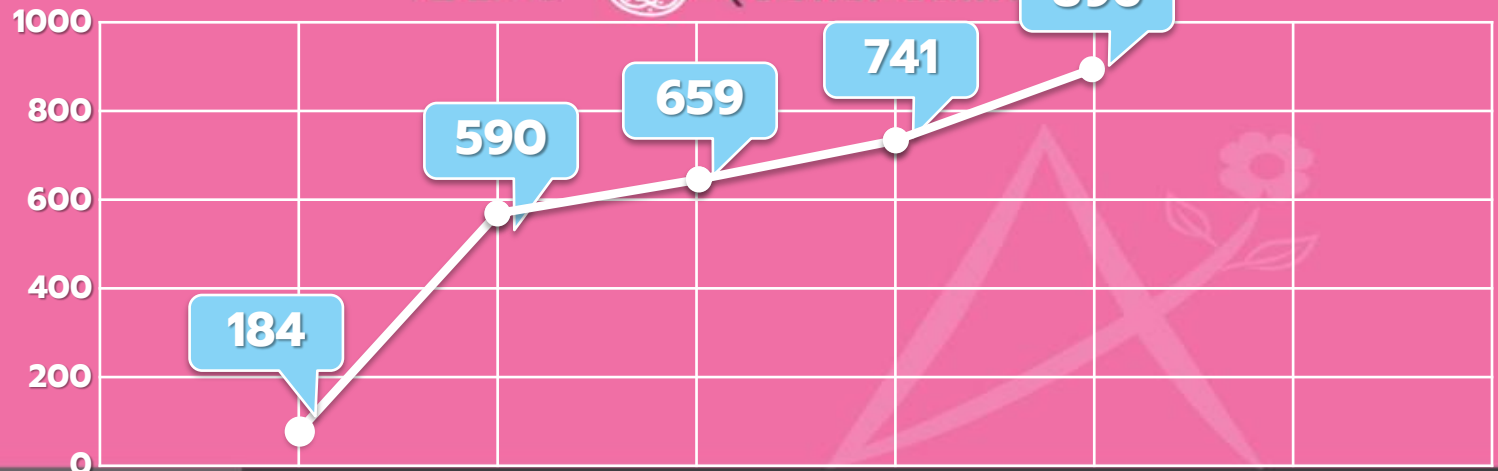


before 10/2022 after 3 months 12/2022 after 5 months 02/2023 after 7 months 04/2023 after 10 months 07/2023 after 11 months 08/2023



HIV Viral Load  ปริมาณไวรัส

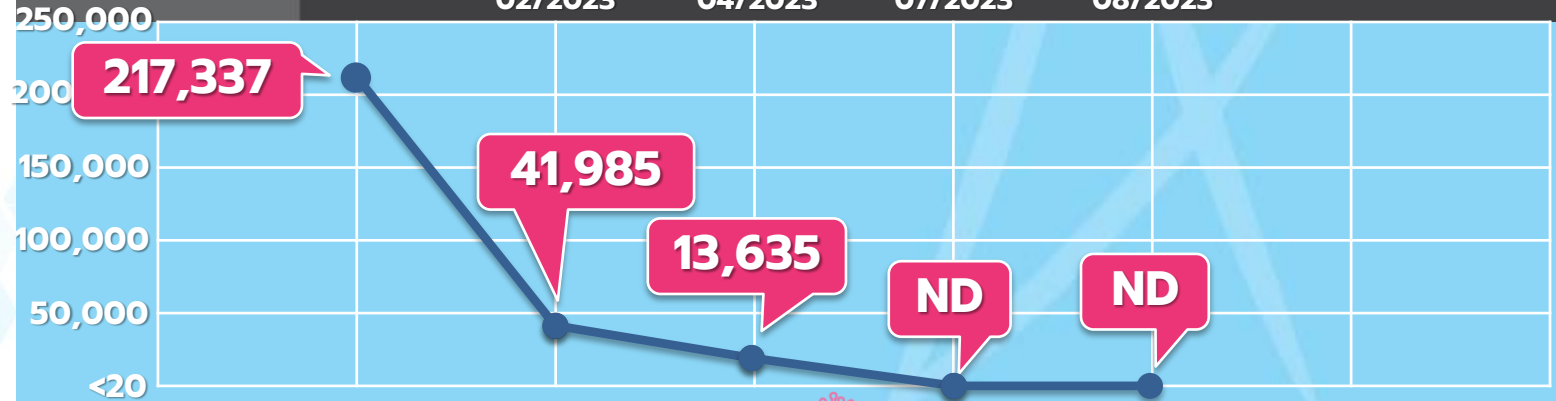
CD4 (cells/cu.m)



คุณโรส (อายุ 33 ปี)

Ms. Rose #23

HIV Viral Load ปริมาณไวรัส

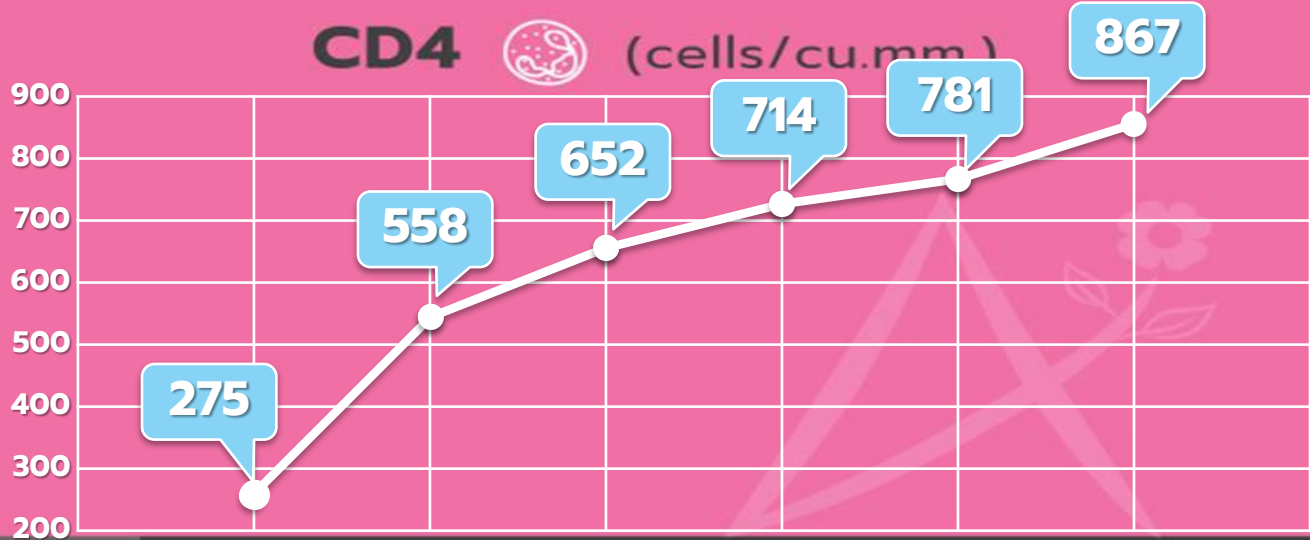




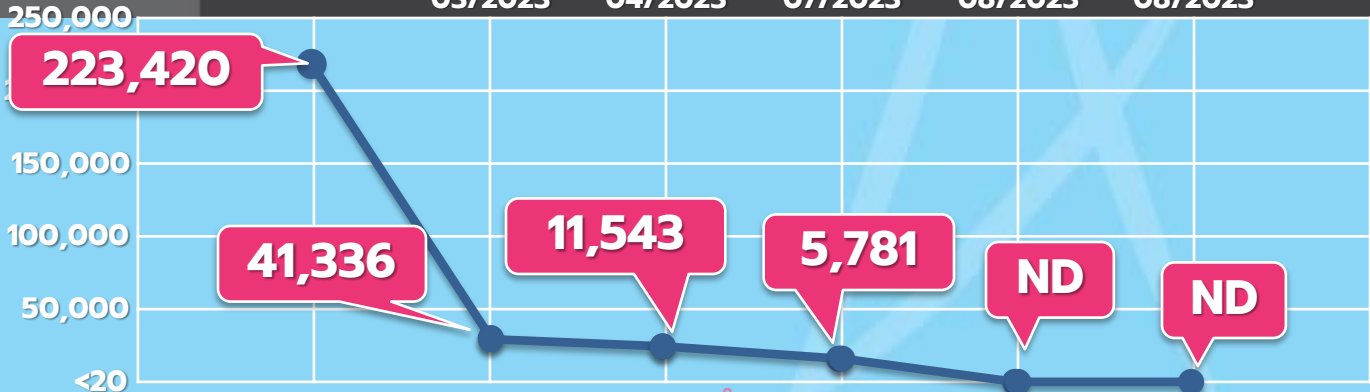
คุณแซม (อายุ 32ปี)

Mr. Sam
#24

CD4 (cells/cu.mm)



Time Point	CD4 Count (cells/cu.mm)
before 01/2023	275
after 3 months 03/2023	558
after 5 months 04/2023	652
after 7 months 07/2023	714
after 8 months 08/2023	781
after 9 months 08/2023	867



HIV Viral Load ปริมาณไวรัส

ByeByeHIV procedure for HIV-infected individuals who have taken antivirals (Group B)

Step 1: Test for HIV load, CD4 count and CD4%

Step 2: Take 3-4 capsules half an hour before every meal, totaling 9-12 capsules per day for 6 months or until HIV is not detected, CD4 is over 600 cells/cu.mm, and CD4% is over 30%.

Step 3: While still taking the same number of capsules, start reducing the use of antivirals.

3.1. Reduce antivirals to $\frac{1}{2}$ of the usual dosage for 2 months. Test for CD4 count, CD4% and HIV load. If the results are better than those in Step 2, proceed to **3.2**.

3.2. Reduce antivirals to $\frac{1}{4}$ of the usual dosage for 2 months. Test for CD4 count, CD4% and HIV load. If the results are better than those in **3.1**, proceed to **3.3**.

3.3. Reduce antivirals to 1/8 of the usual dosage for 2 months. Test for CD4 count, CD4% and HIV load. If the results are better than those in 3.2, proceed to 3.4.

3.4. Stop taking antivirals for 2 months and test for CD4 count, CD4% and HIV load. If the results are still better than 3.3, it shows that the individual has achieved ByeByeHIV.

Step 4: Gradually reduce the number of capsules.

In the first month, reduce to 2-3 capsules, half an hour before meals, totaling 6-9 capsules a day.

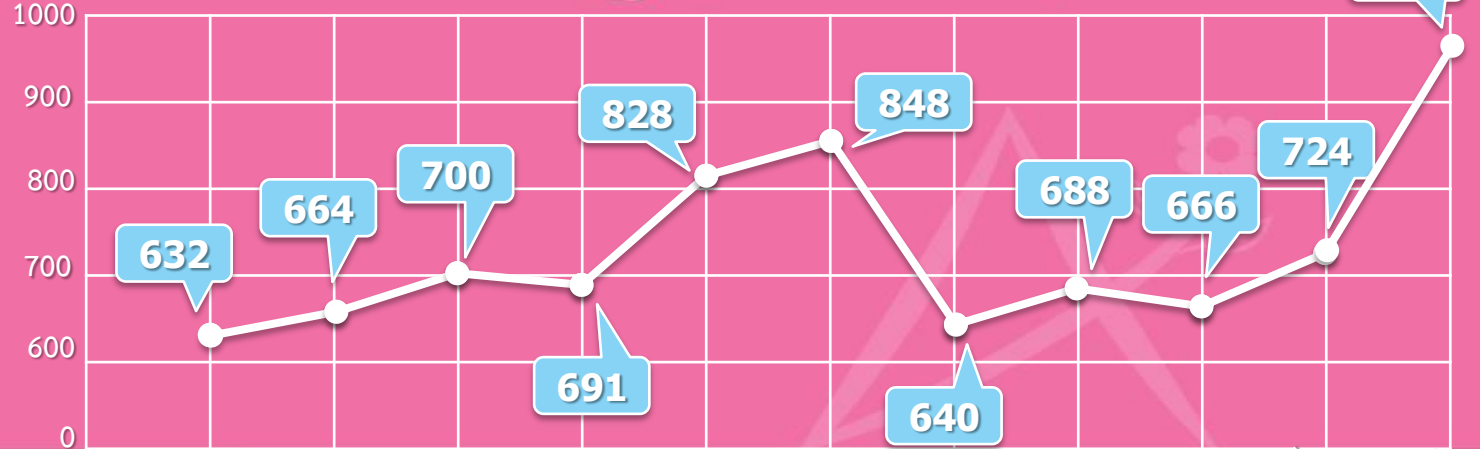
In the second month, take 2 capsules half an hour before breakfast and dinner, totaling 4 capsules a day.

Then in the following months, reduce to 1 capsule half an hour before breakfast and dinner, totaling 2 capsules a day to maintain sufficient immunity at all times and to remain continually in good health.

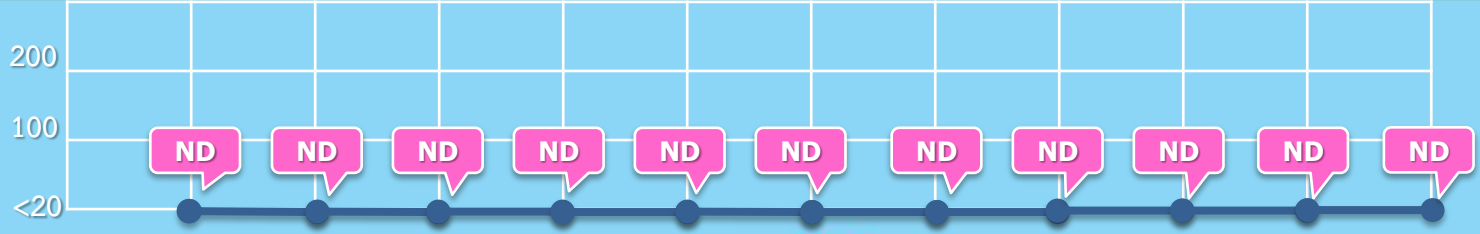


Mr. Jame
1

CD4 (cells/cu.mm.)

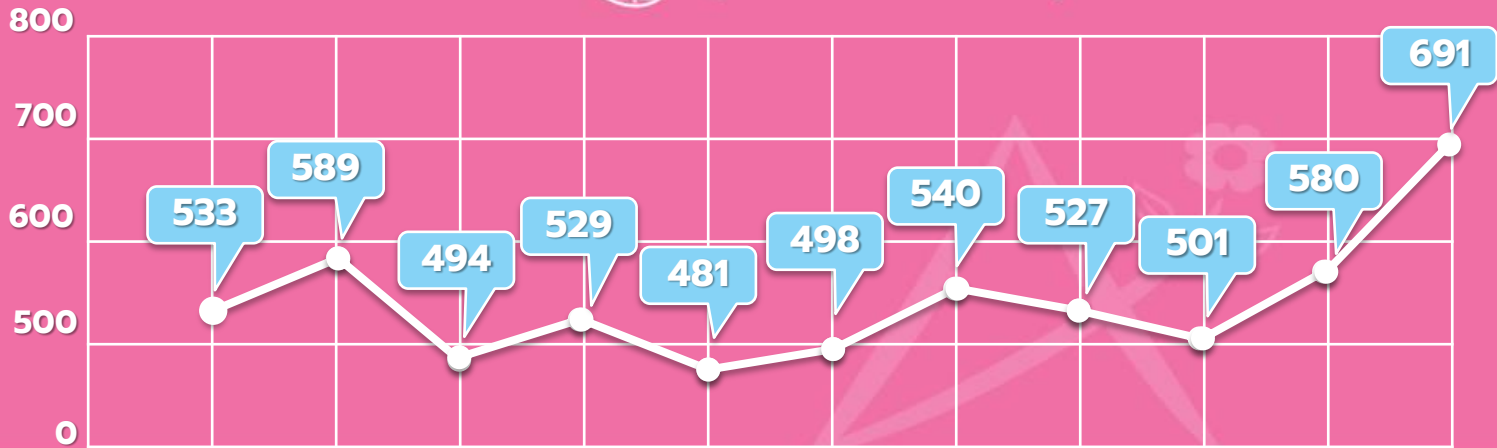


Before reducing ARV
reducing to 1/2
reducing to 1/2
reducing to 1/4
reducing to 1/4
reducing to 1/8
reducing to 1/8
1 month after stopping ARV
3 months after stopping ARV
11 months after stopping ARV
18 months after stopping ARV
05/2022



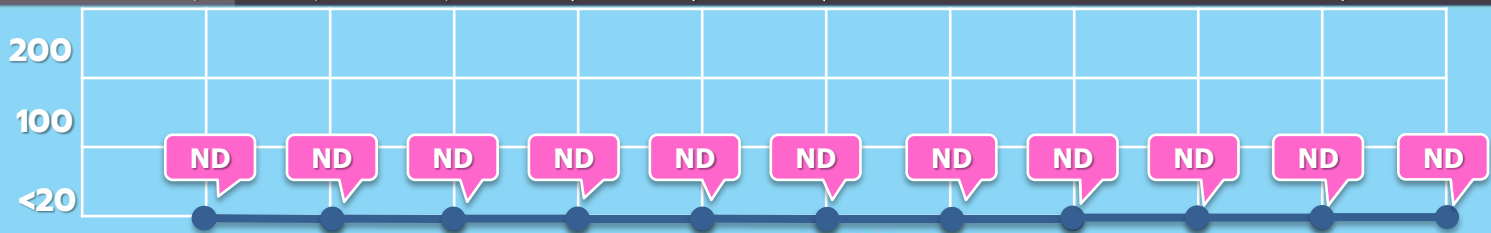
HIV Viral Load (copies/ml)

CD4 (cells/cu.mm.)



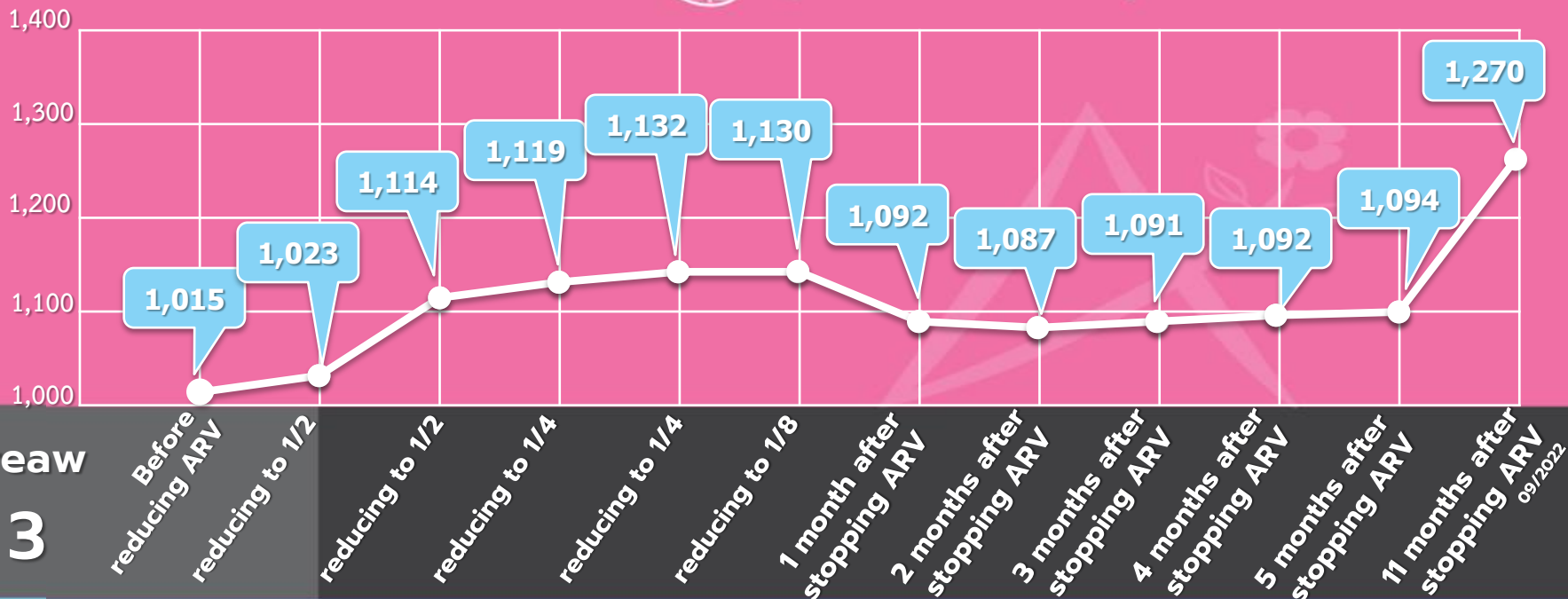
Mr. Ball
2

Before reducing ARV
reducing to 1/2
reducing to 1/2
reducing to 1/2
reducing to 1/4
reducing to 1/4
reducing to 1/4
reducing to 1/8
reducing to 1/8
1 month after stopping ARV
8 months after stopping ARV 05/2022



HIV Viral Load (copies/ml)

CD4 (cells/cu.mm.)



Ms. Preaw

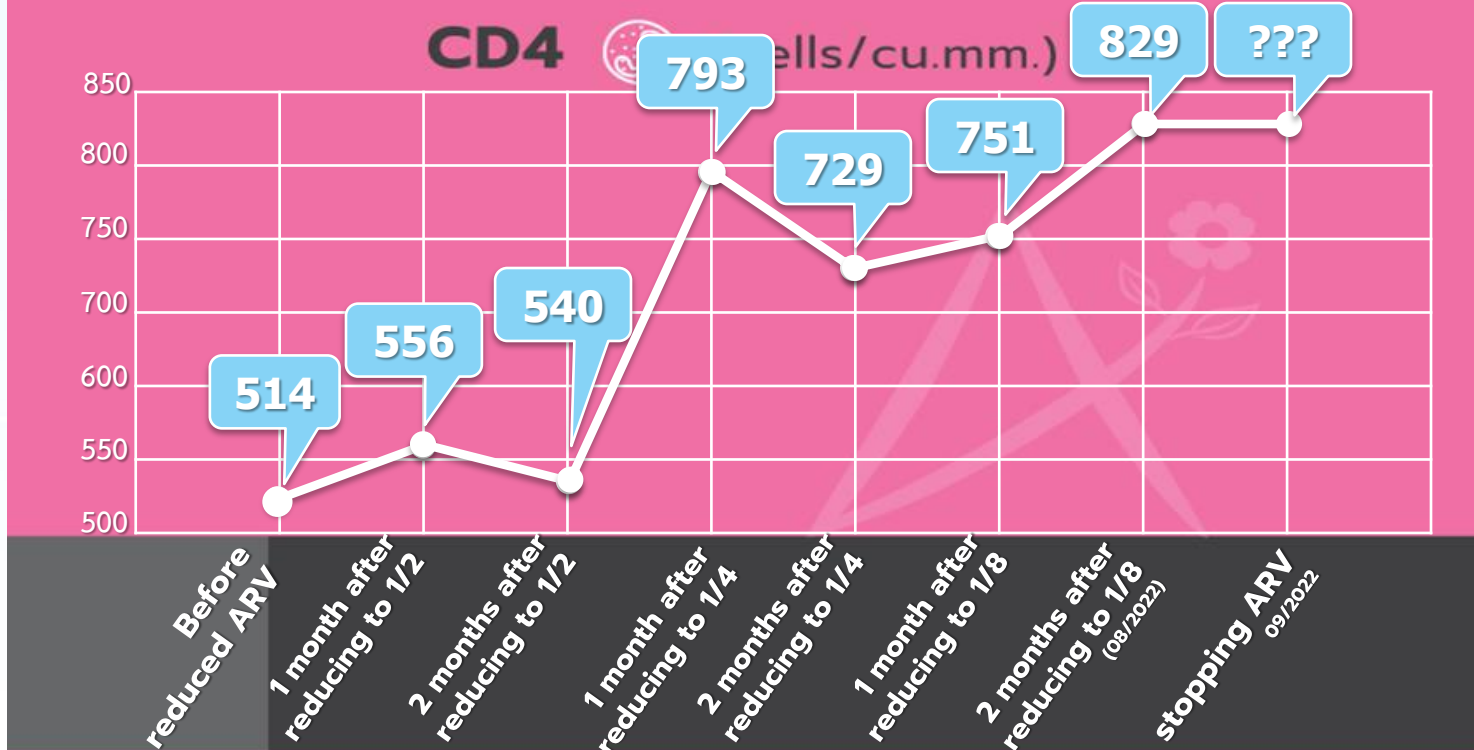
3



HIV Viral Load (copies/ml)

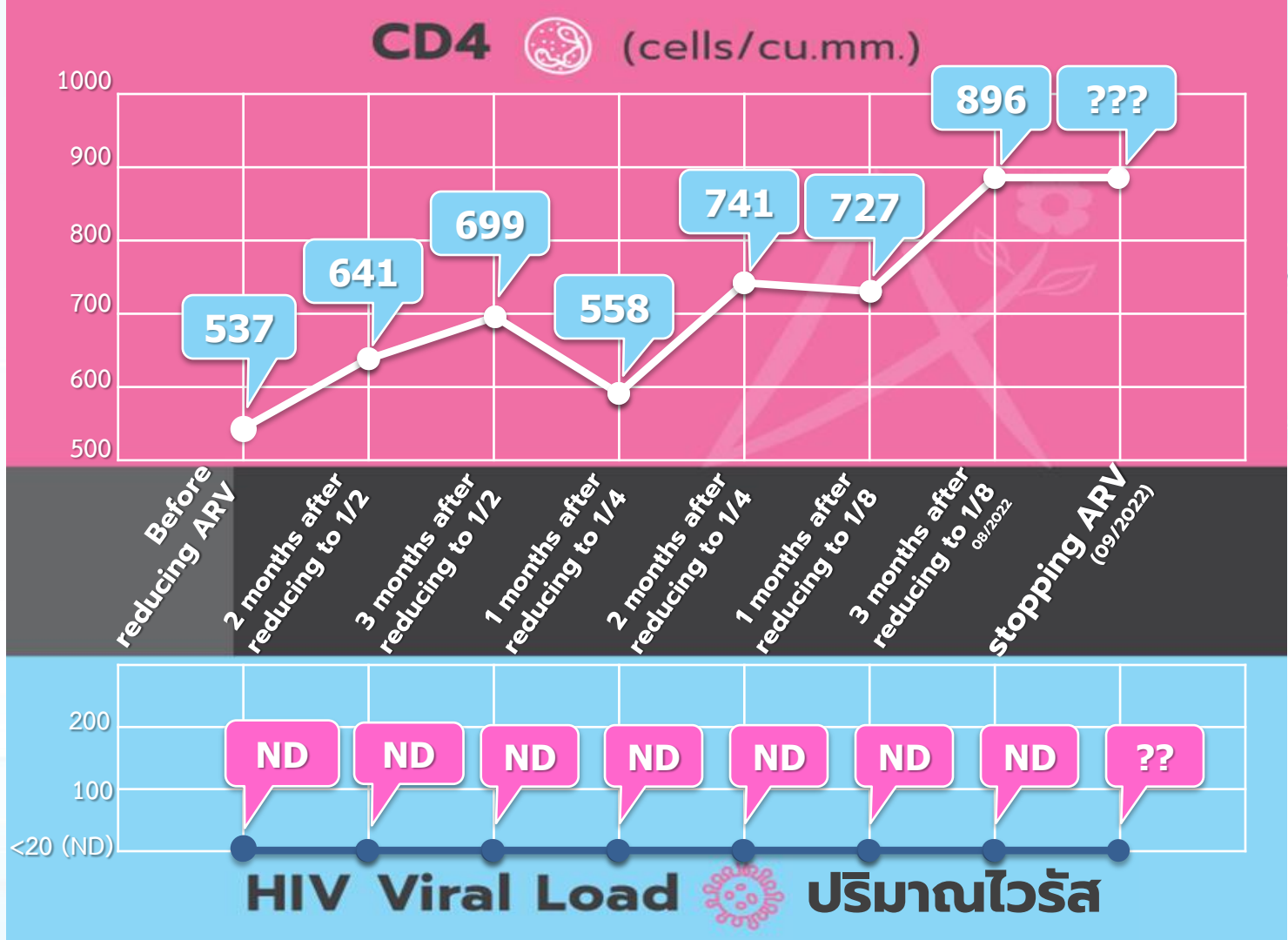


Ms.Tip
4





Ms. Ann
5

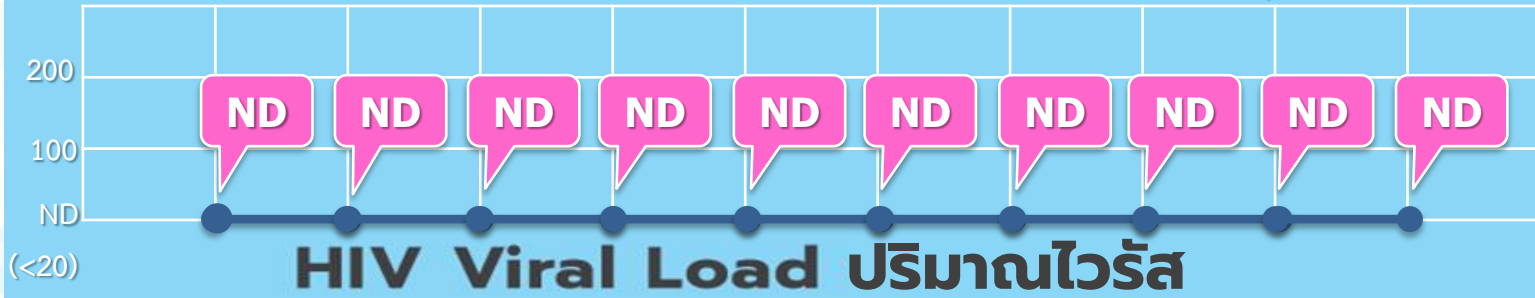
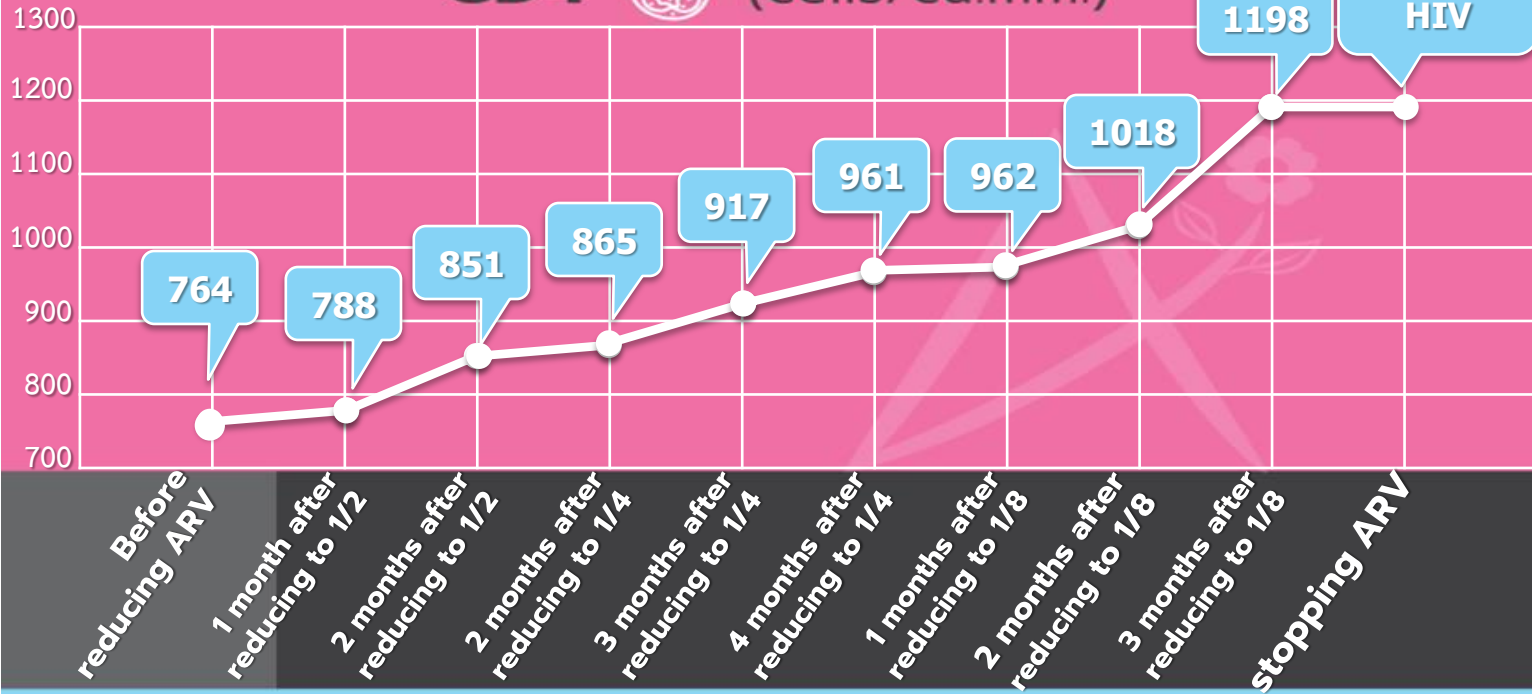




Mr.Poj

6

CD4 (cells/cu.mm.)

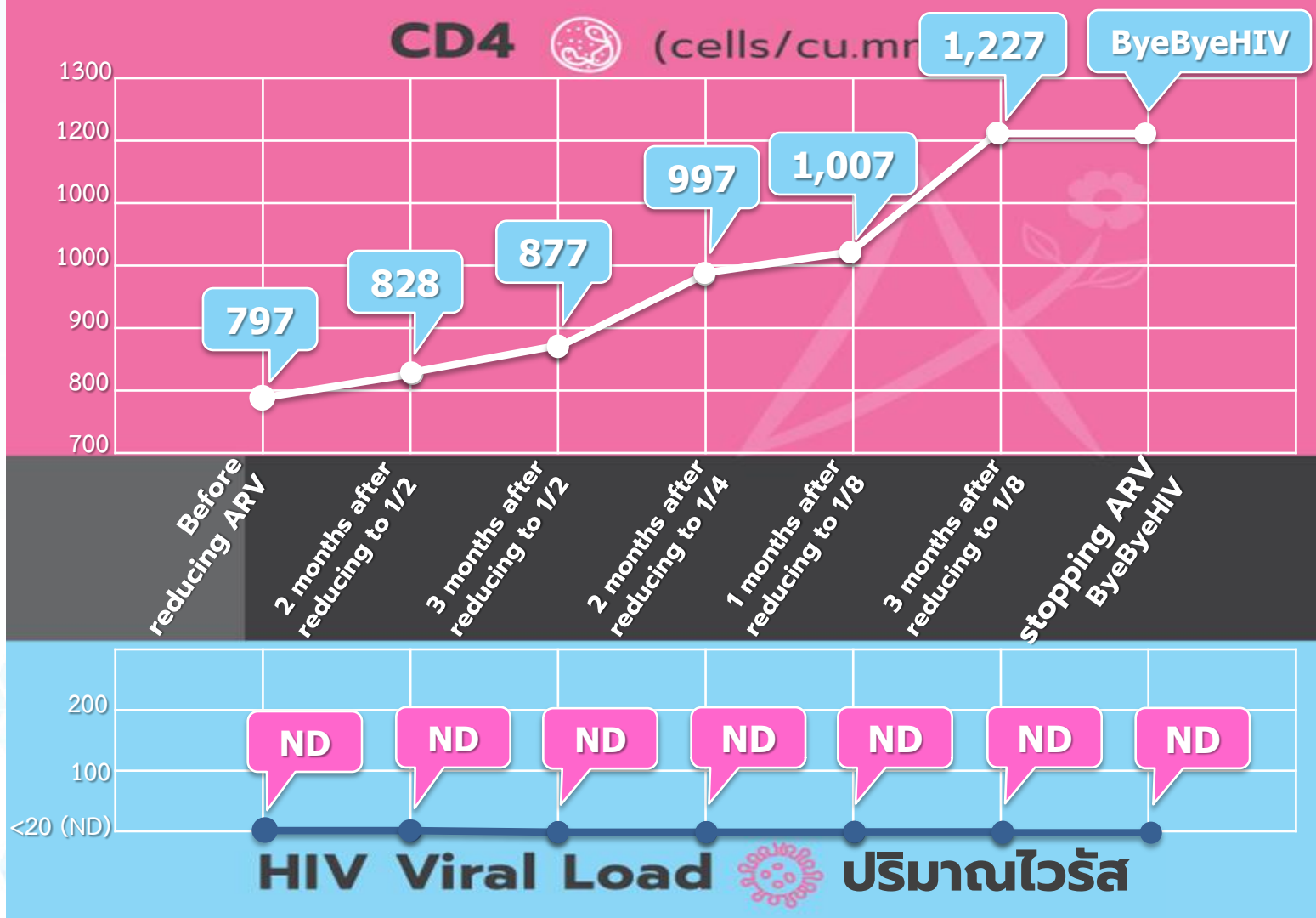


HIV Viral Load ปริมาณไวรัส



Ms.Rung

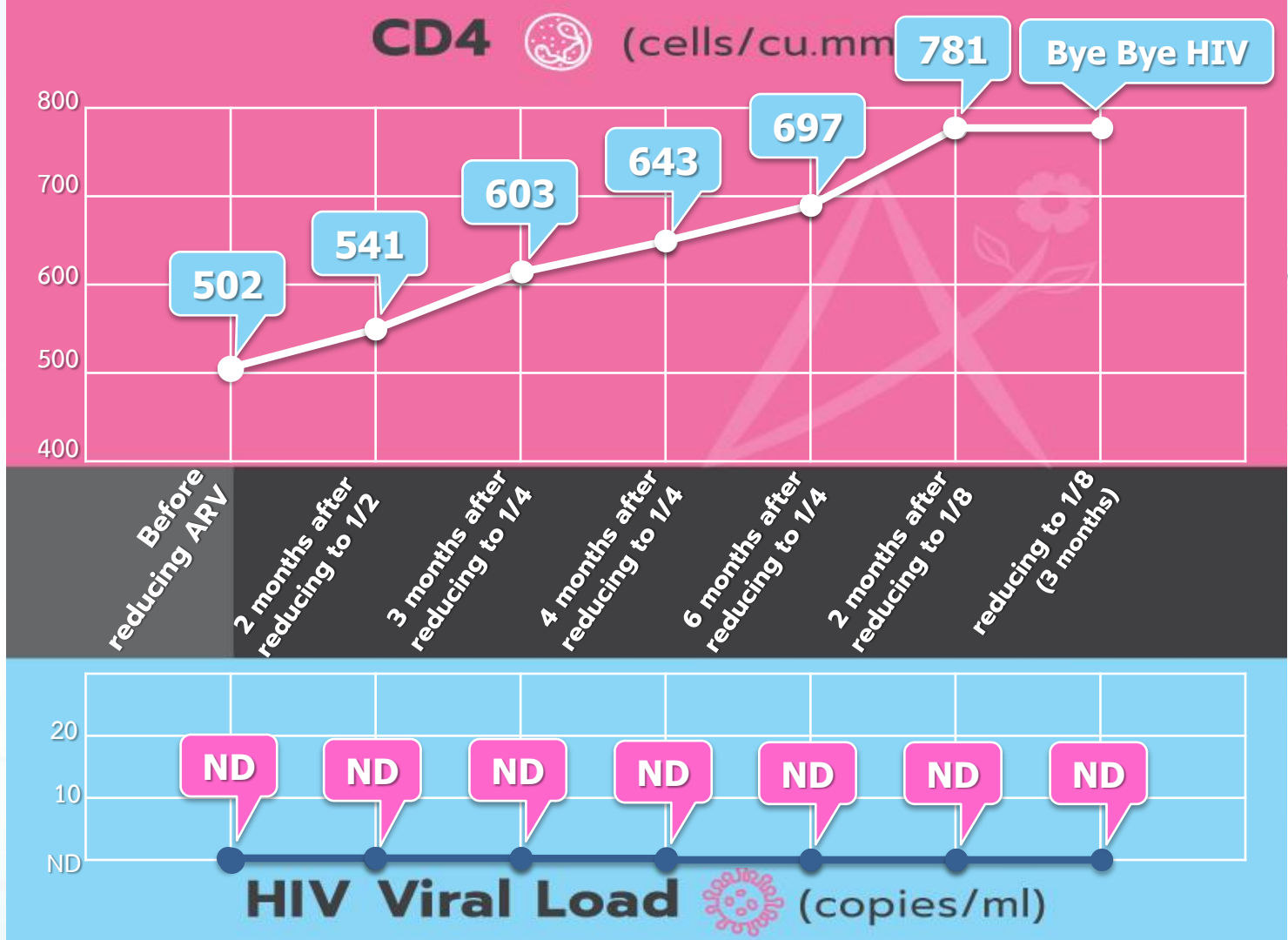
7





Mr.Note

8



Miss A was infected with HIV for 28 years.
She had **advanced-stage cancer**
in the brain, abdomen, and spine.

After **ByeByeHIV** treatment, her tests showed
no evidence of cancer.

She stopped using antivirals in December 2022.

Before formula



8 months after formula



สุขภาพโดยรวมตอนนี้ค่ะ ดีขึ้นเกือบเป็นปกติค่ะ

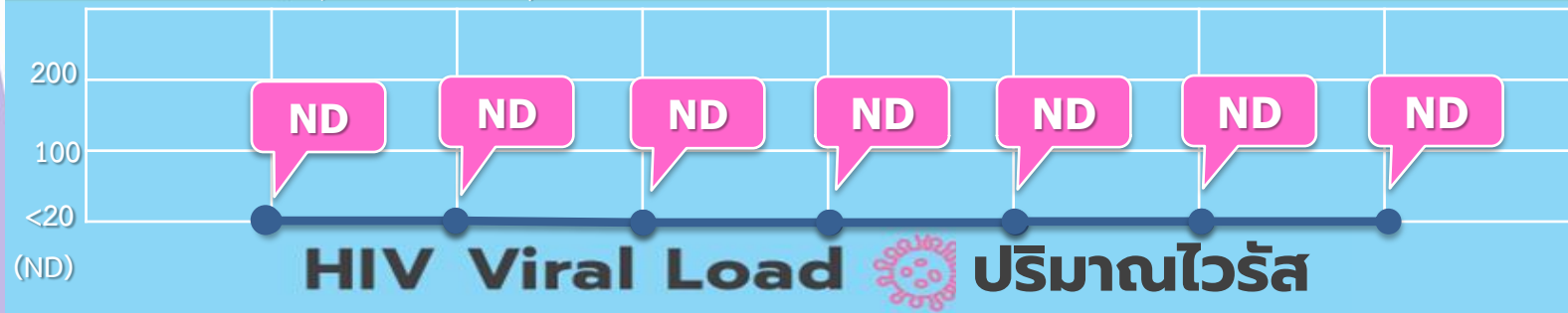
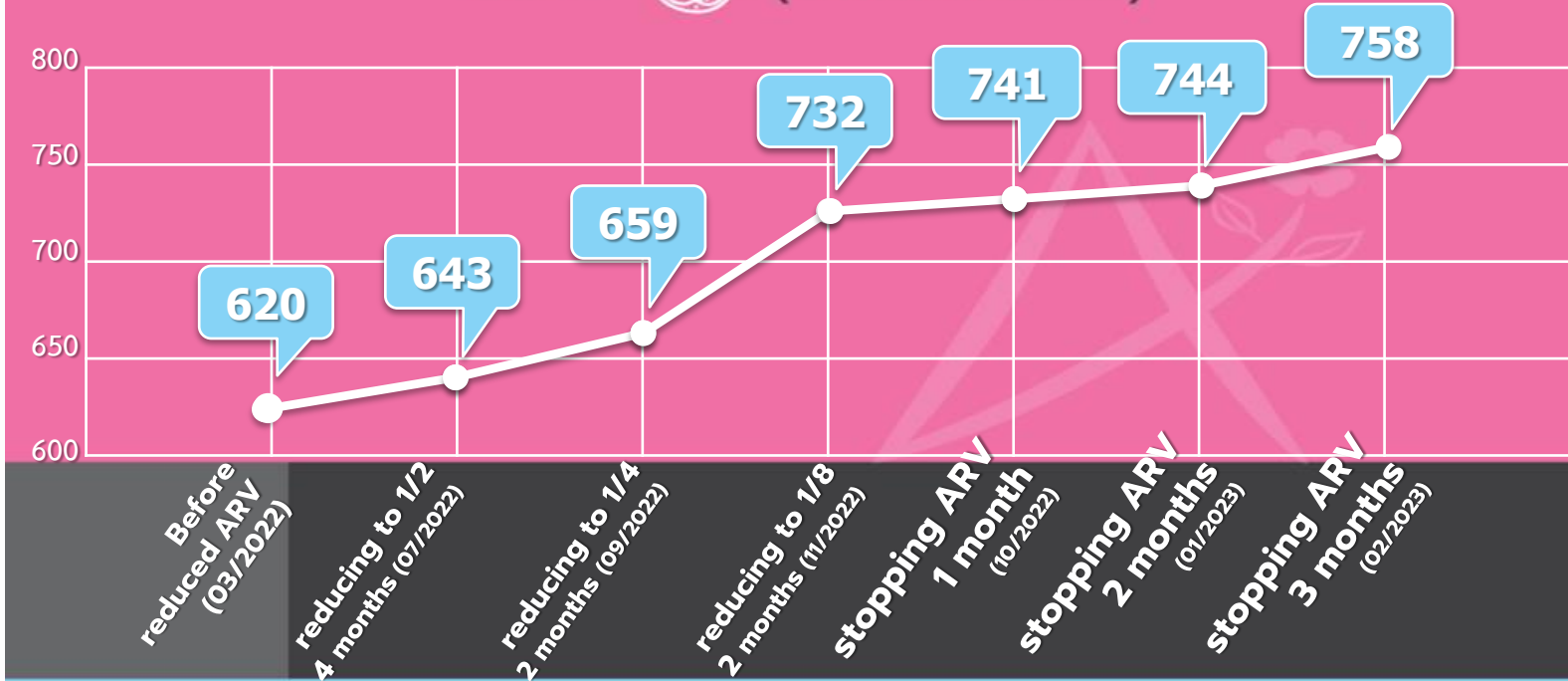
After immunotherapy, Miss A lives a normal life and has resumed work for 8 years. She has stopped antivirals, with no HIV detected, and has achieved ByeByeHIV.



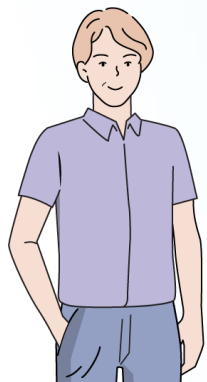
Ms.A

9

CD4 (cells/cu.mm.)



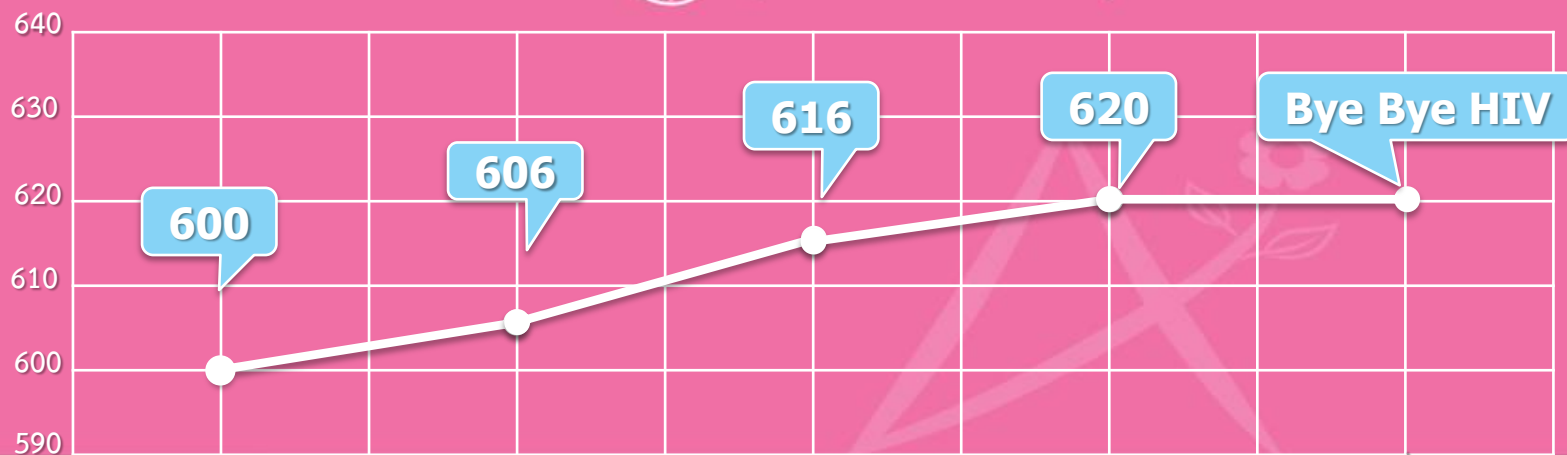
HIV Viral Load  ปริมาณไวรัส



Mr.Nut

10

CD4 (cells/cu.mm.)



Bye Bye HIV

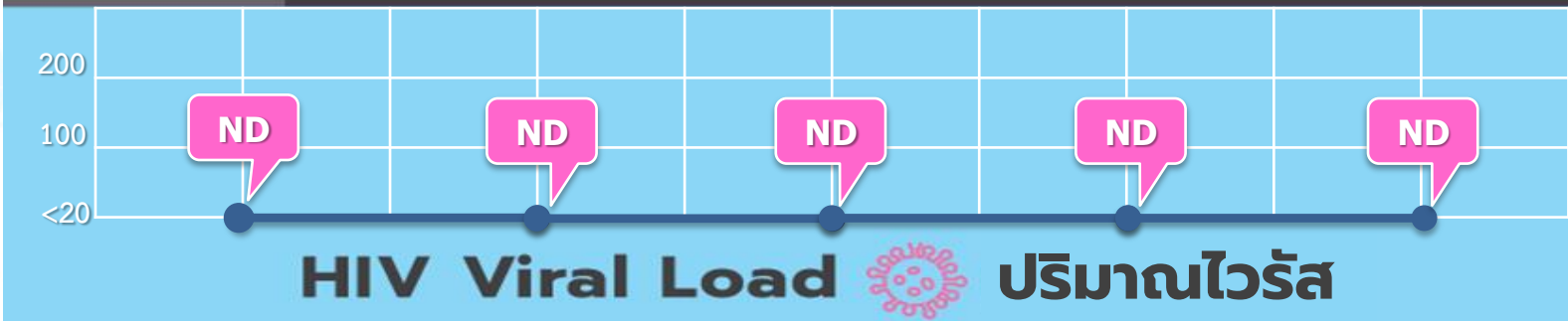
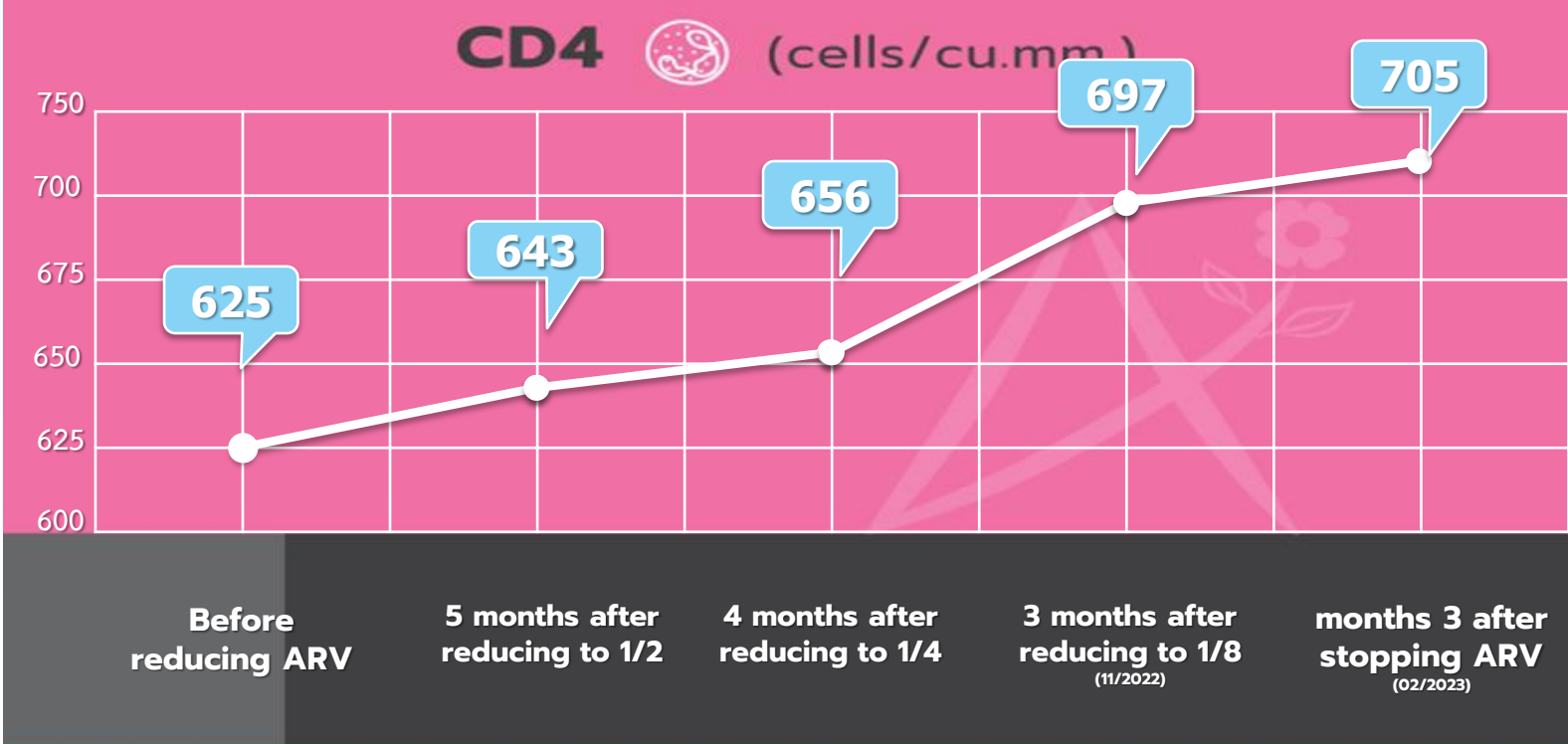


HIV Viral Load ปริมาณไวรัส



Ms. View

11



**Hello, my name is View. In 2016,
I discovered that I had contracted HIV.**



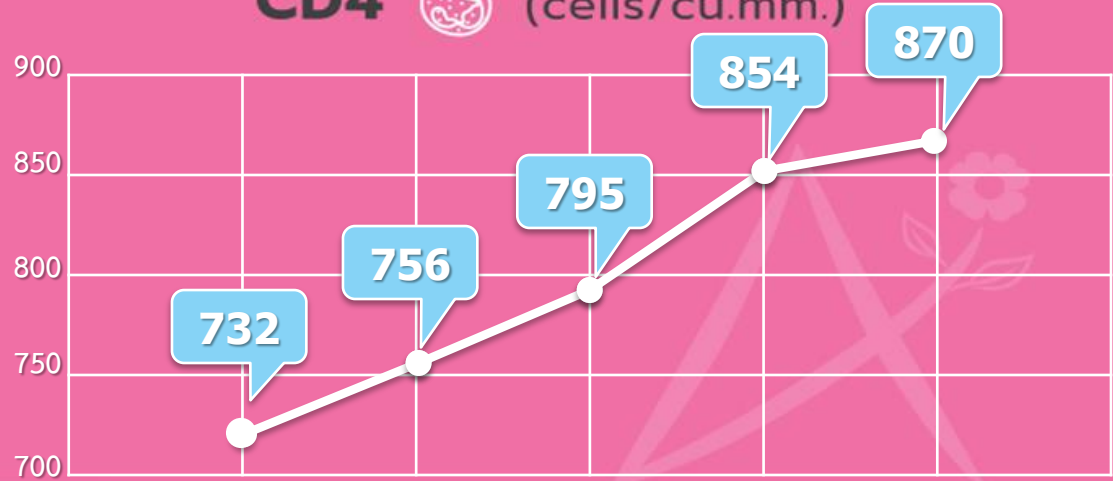
She is now acting as one
of the counselors to those
who want to achieve **ByeByeHIV.**



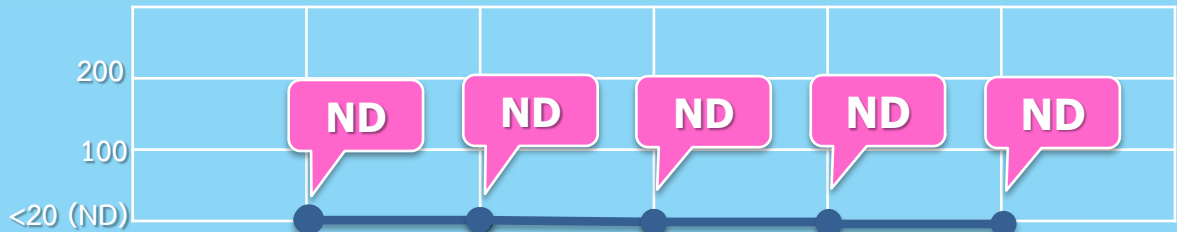
Ms.Phen

12

CD4  (cells/cu.mm.)



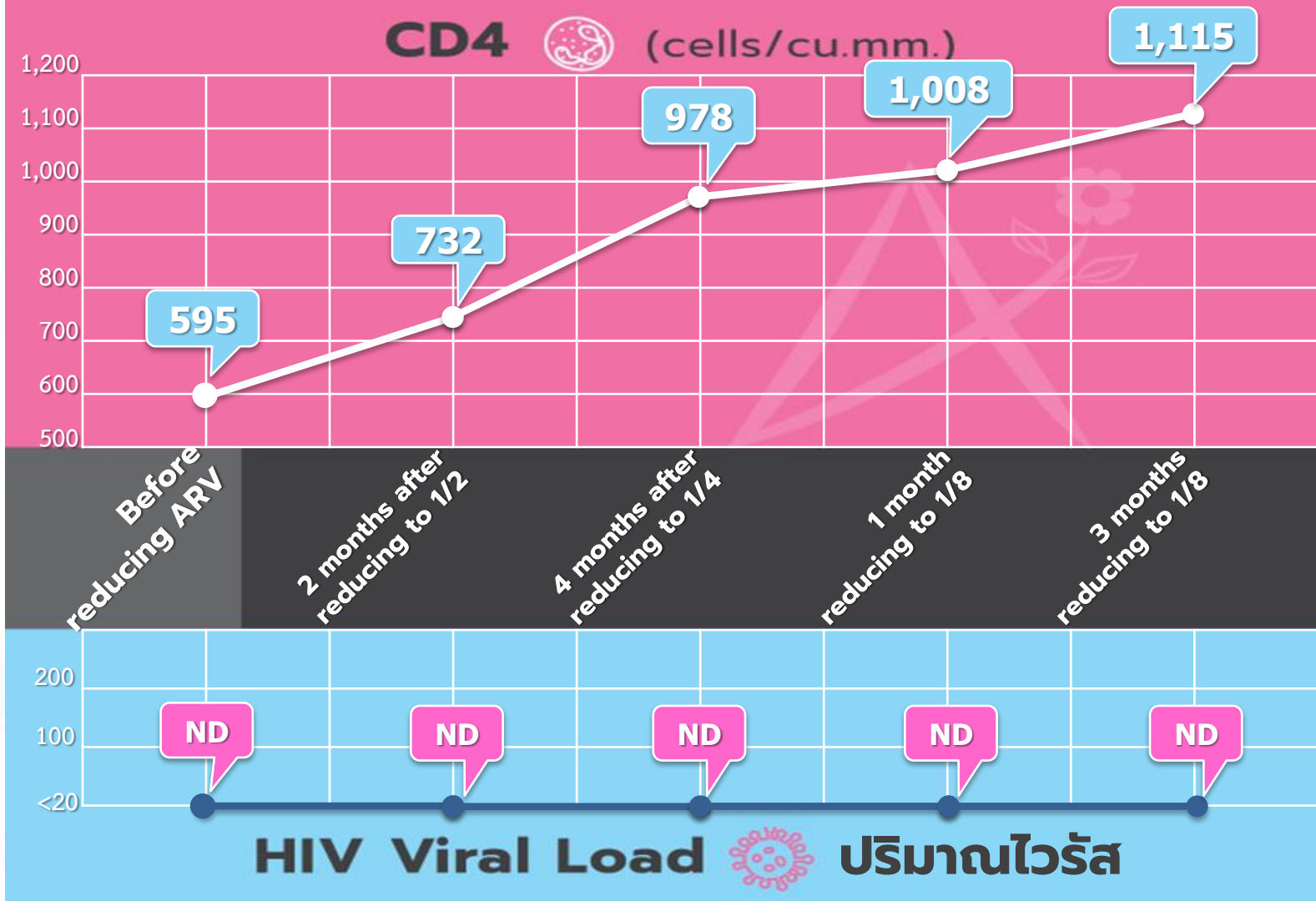
Before reducing ARV
2 months after reducing to 1/2
4 months after reducing to 1/4
1 month after reducing to 1/8
2 months after reducing to 1/8



HIV Viral Load ปริมาณไวรัส



Ms.New
13

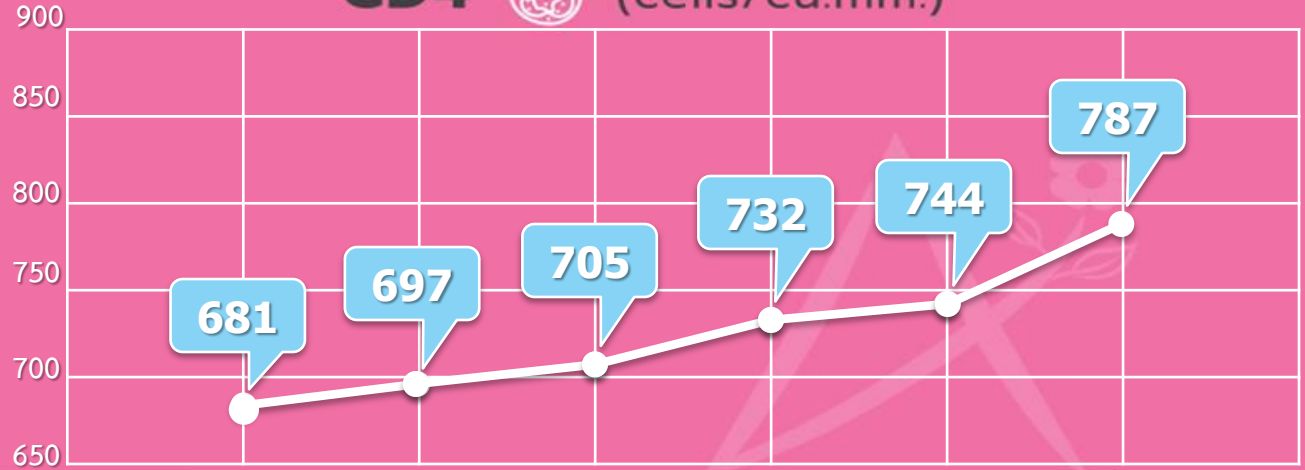




Ms.Kaew

14

CD4 (cells/cu.mm.)

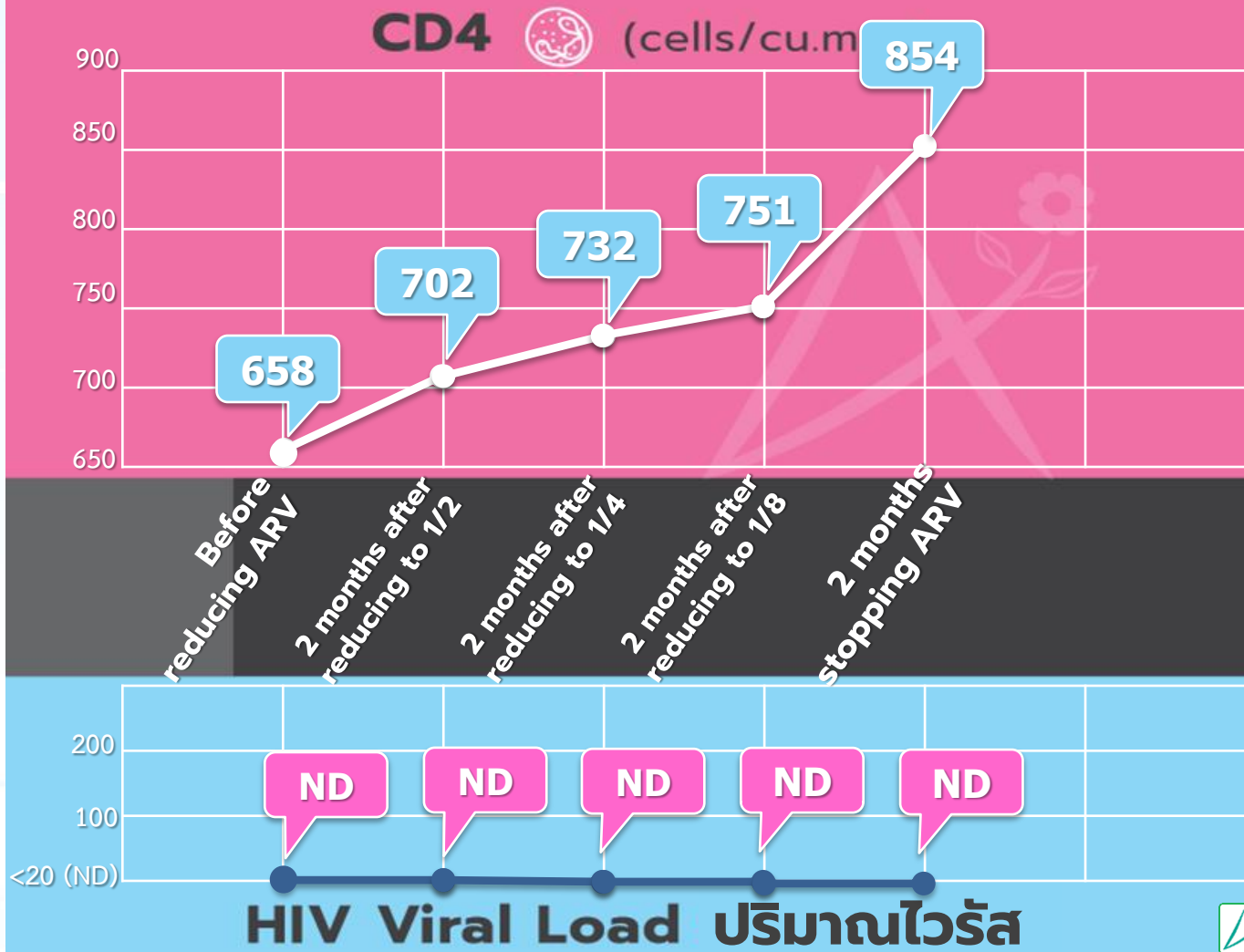


HIV Viral Load ปริมาณไวรัส



Ms.Maaprang

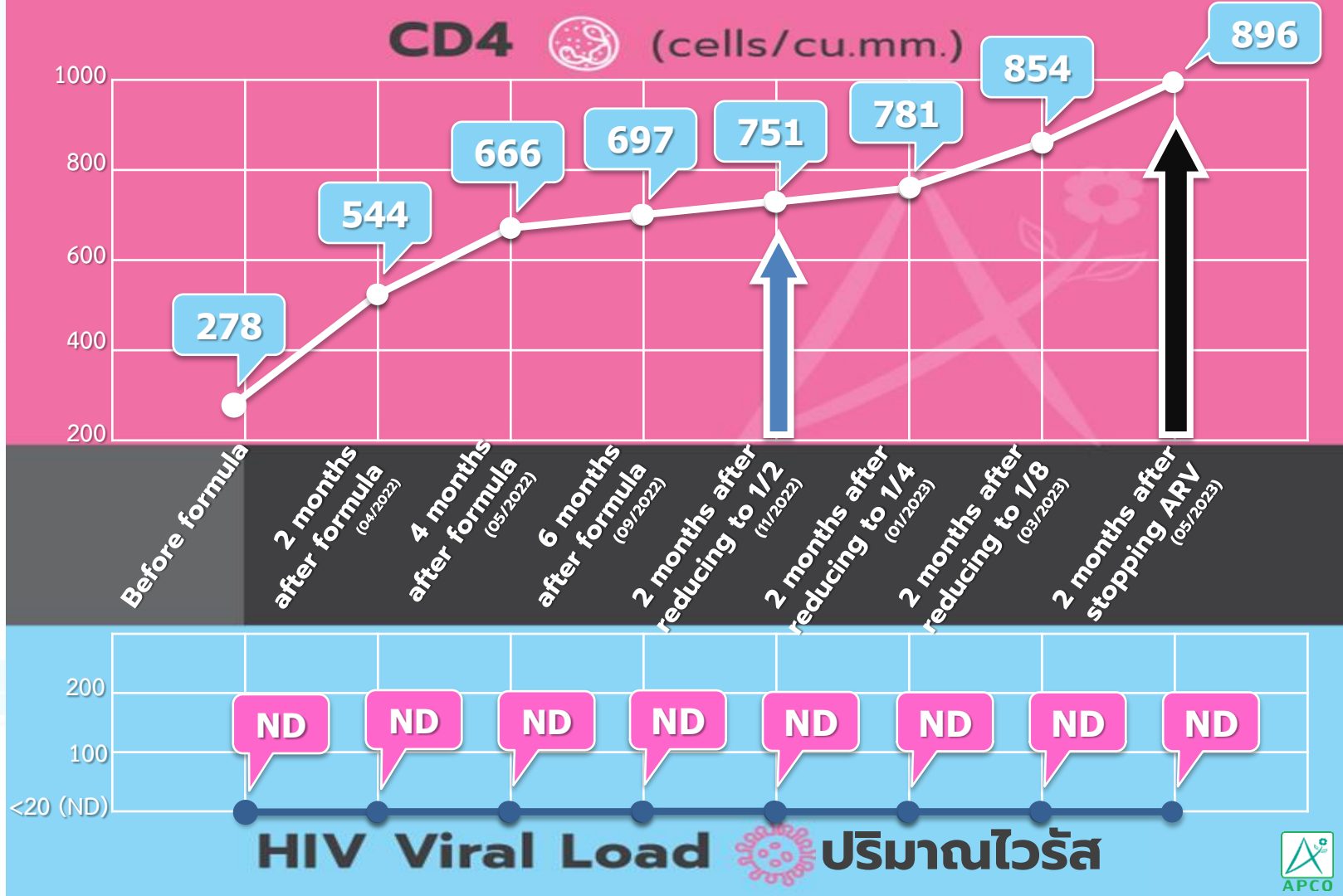
15



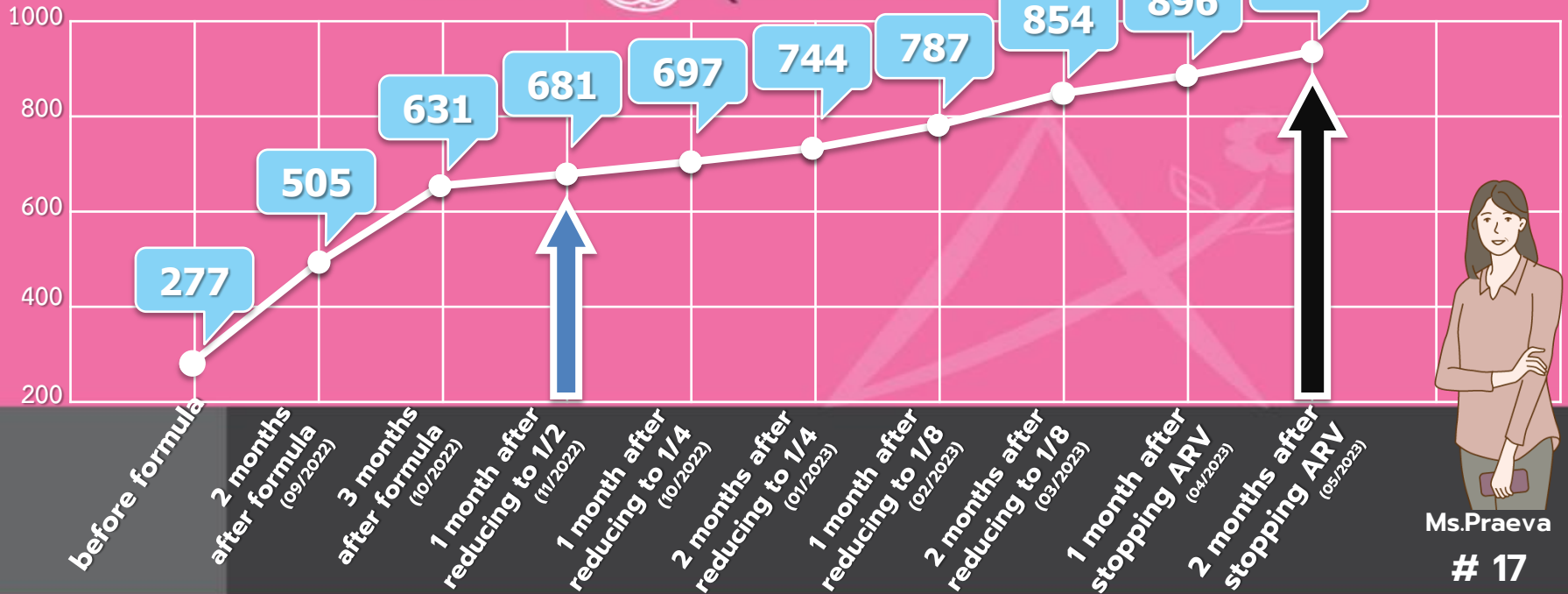


Ms.Namphung

16

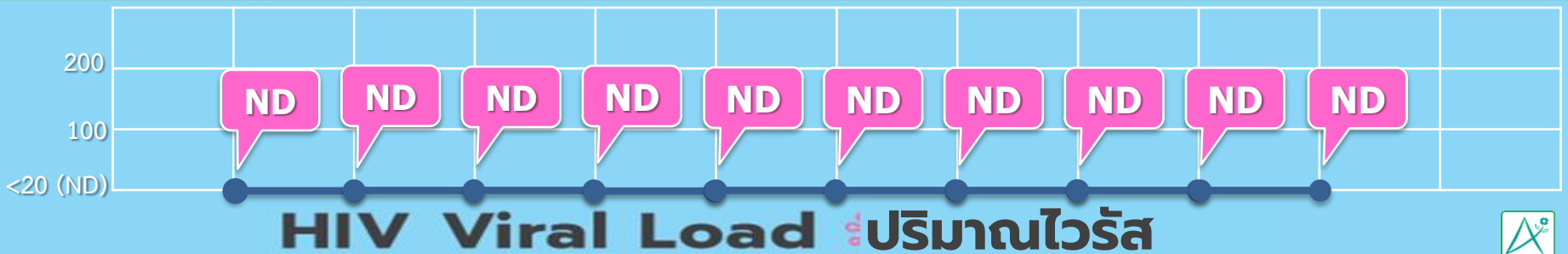


CD4 (cells/cu.mm)

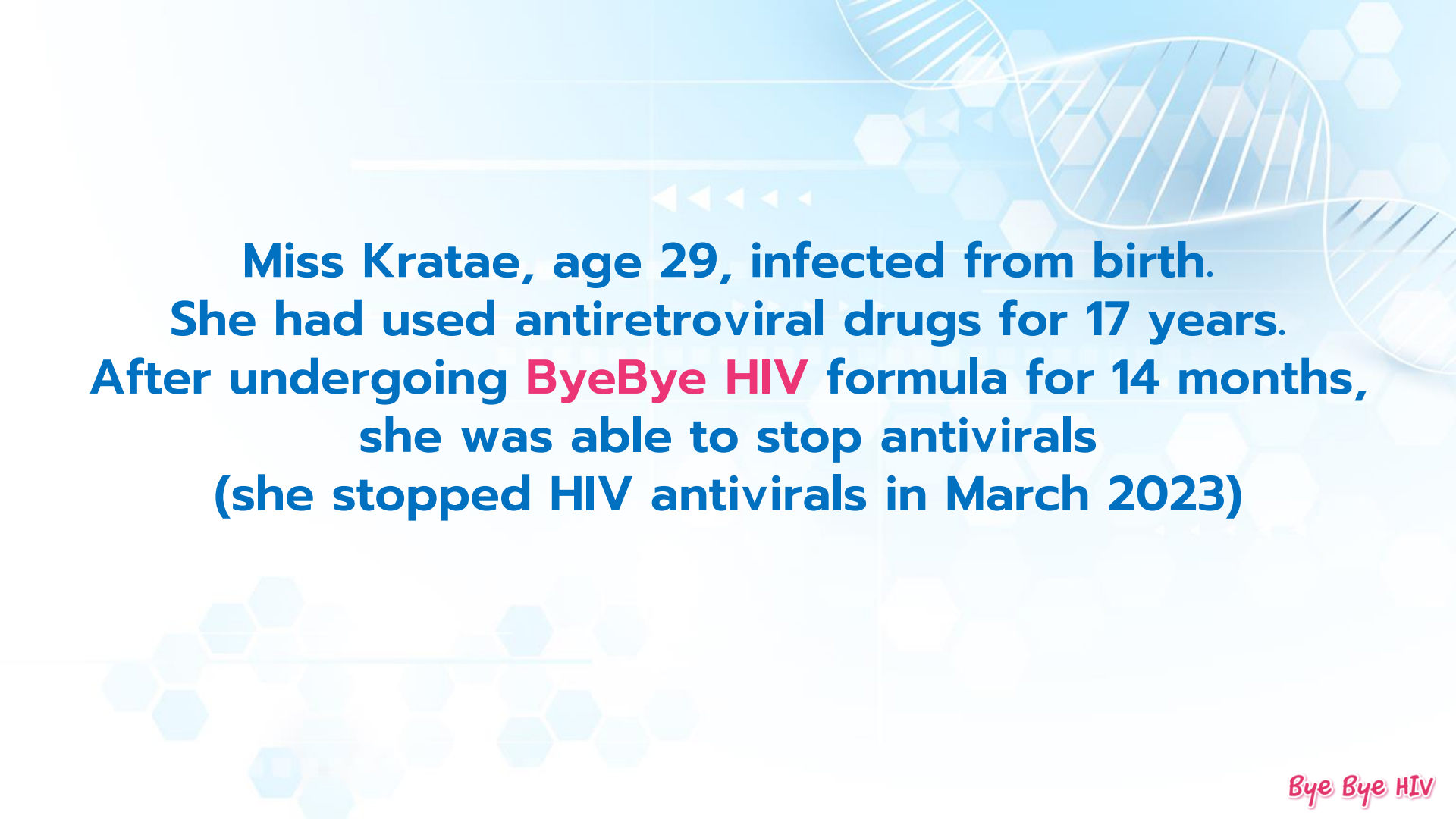


Ms.Praeva

17



HIV Viral Load <math>< 0.04</math> ปริมาณไวรัส



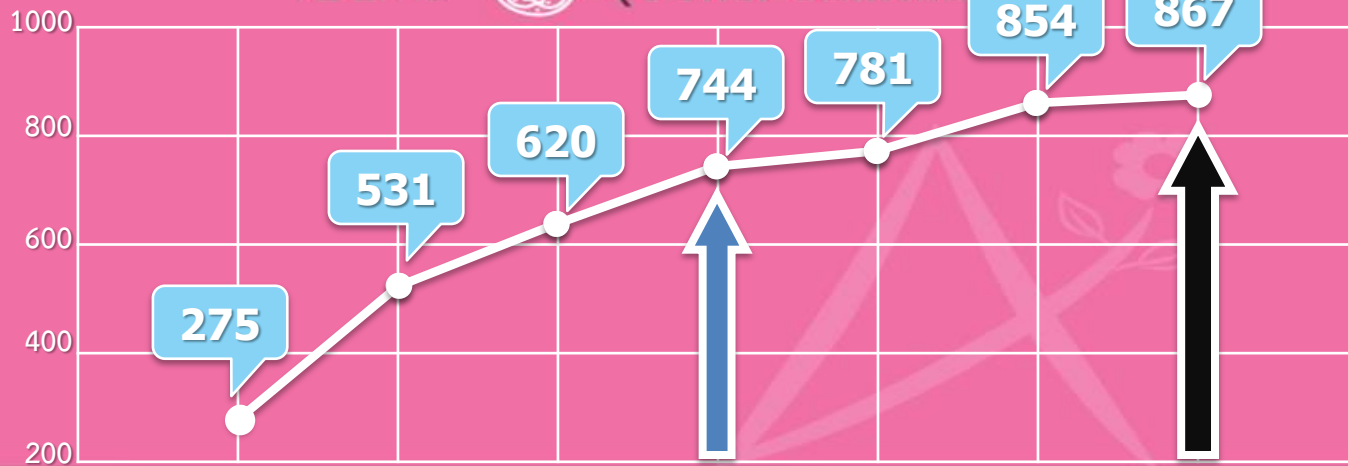
**Miss Kratae, age 29, infected from birth.
She had used antiretroviral drugs for 17 years.
After undergoing **ByeBye HIV** formula for 14 months,
she was able to stop antivirals
(she stopped HIV antivirals in March 2023)**



Ms. Kratae

18

CD4 (cells/cu.mm)



before formula
2 months after formula (05/2022)
6 months after formula (09/2022)
2 months after reducing to 1/2 (11/2022)
2 months after reducing to 1/4 (01/2023)
2 months after reducing to 1/8 (03/2023)
2 months after stopping ARV (05/2023)

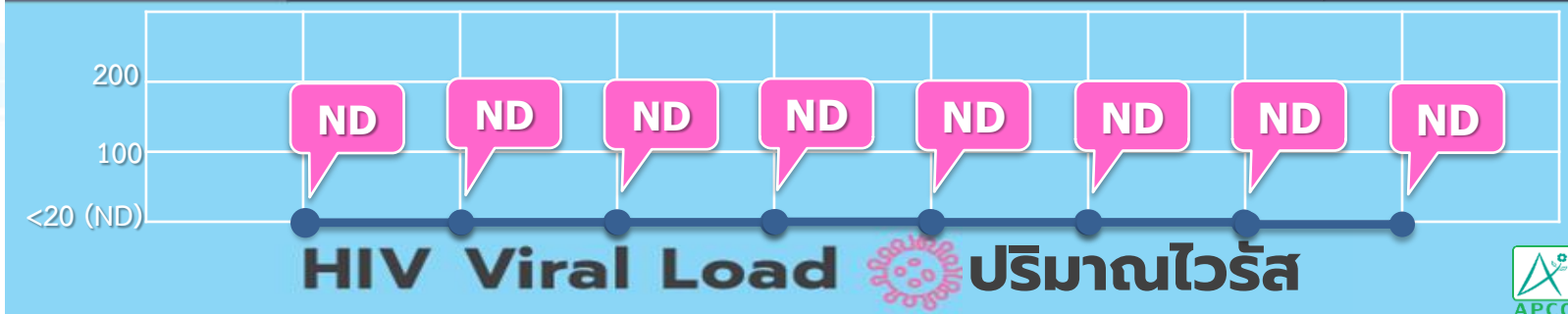
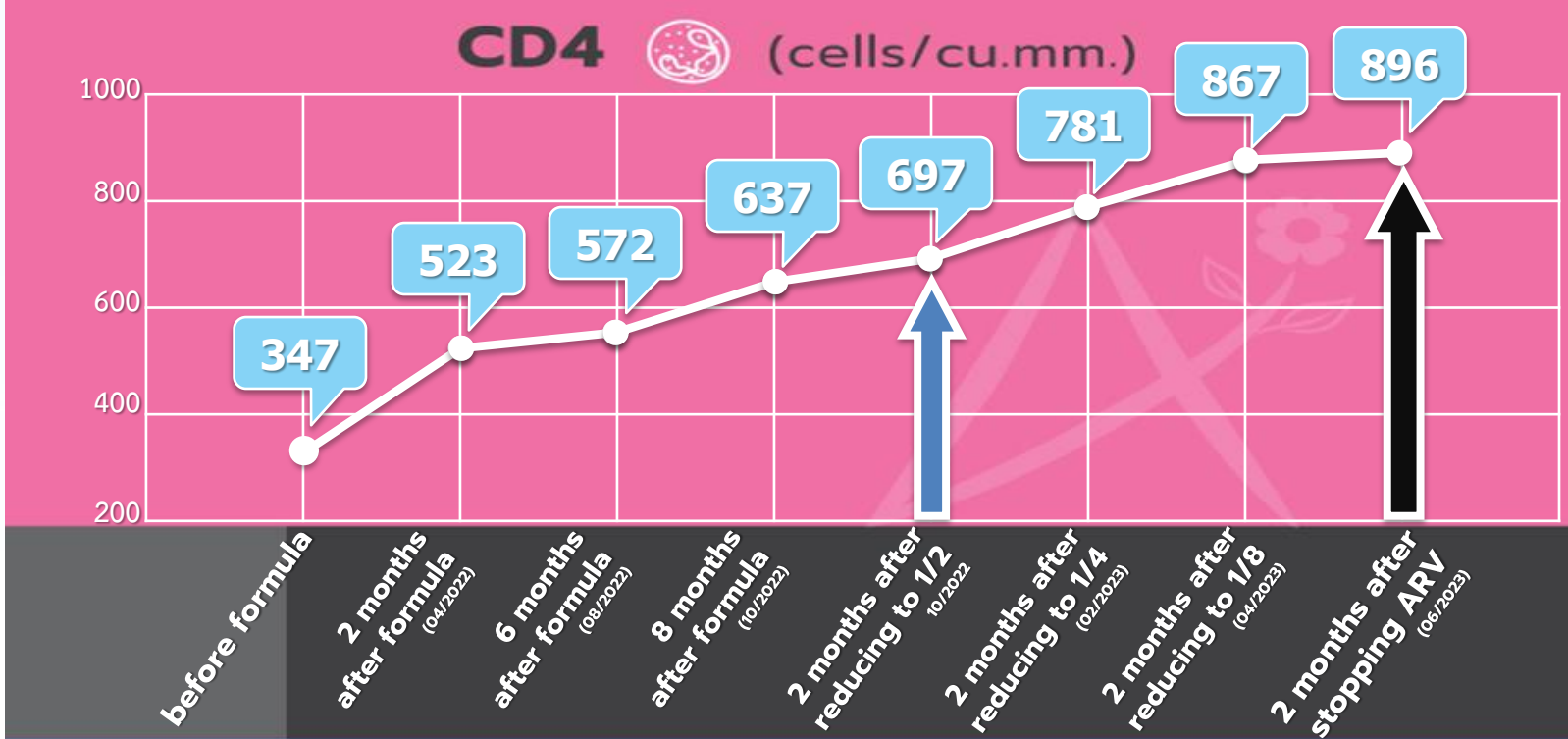


HIV Viral Load ปริมาณไวรัส



Ms.Lui

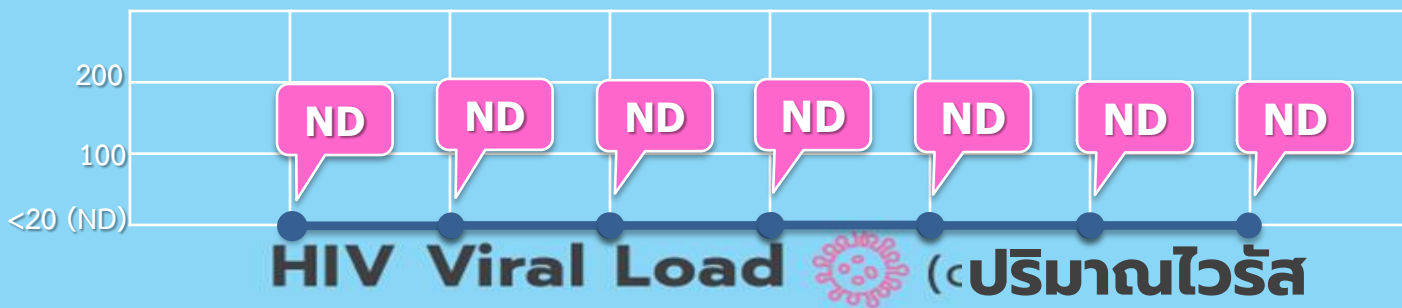
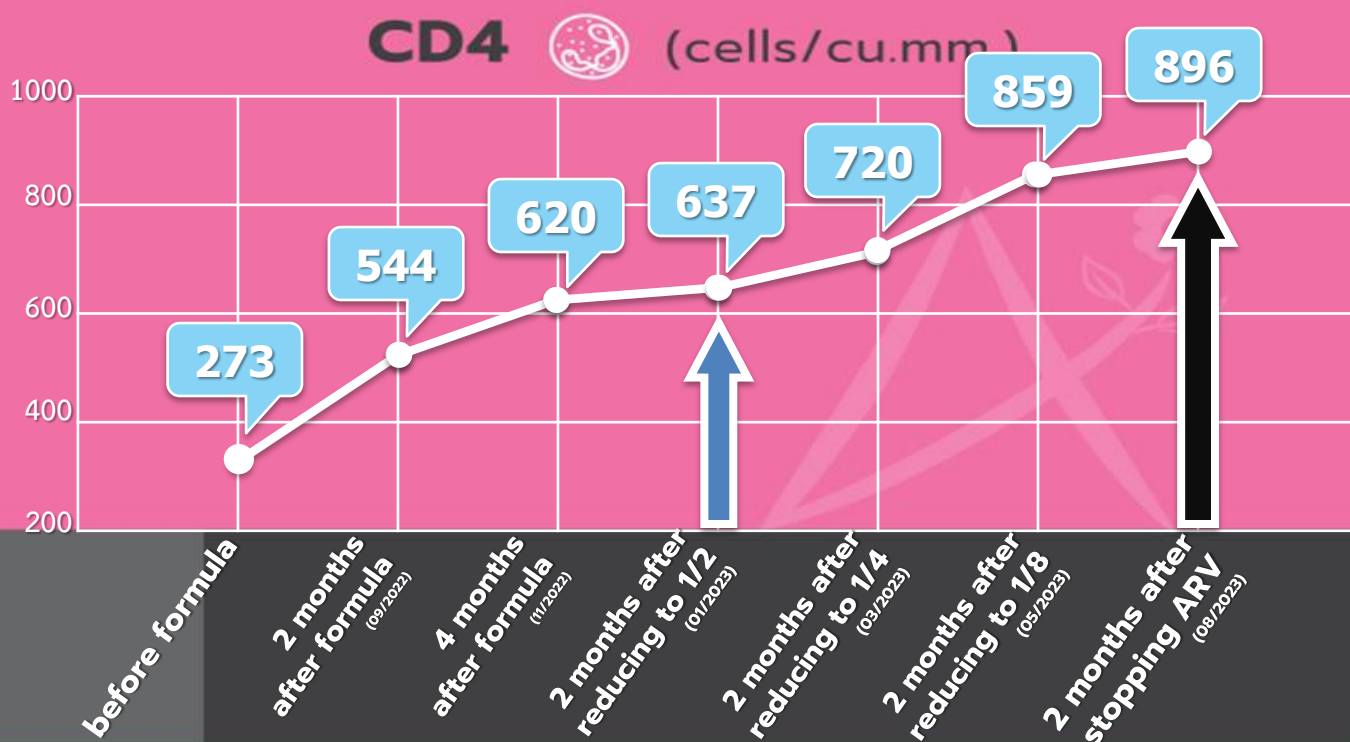
19





Ms. May

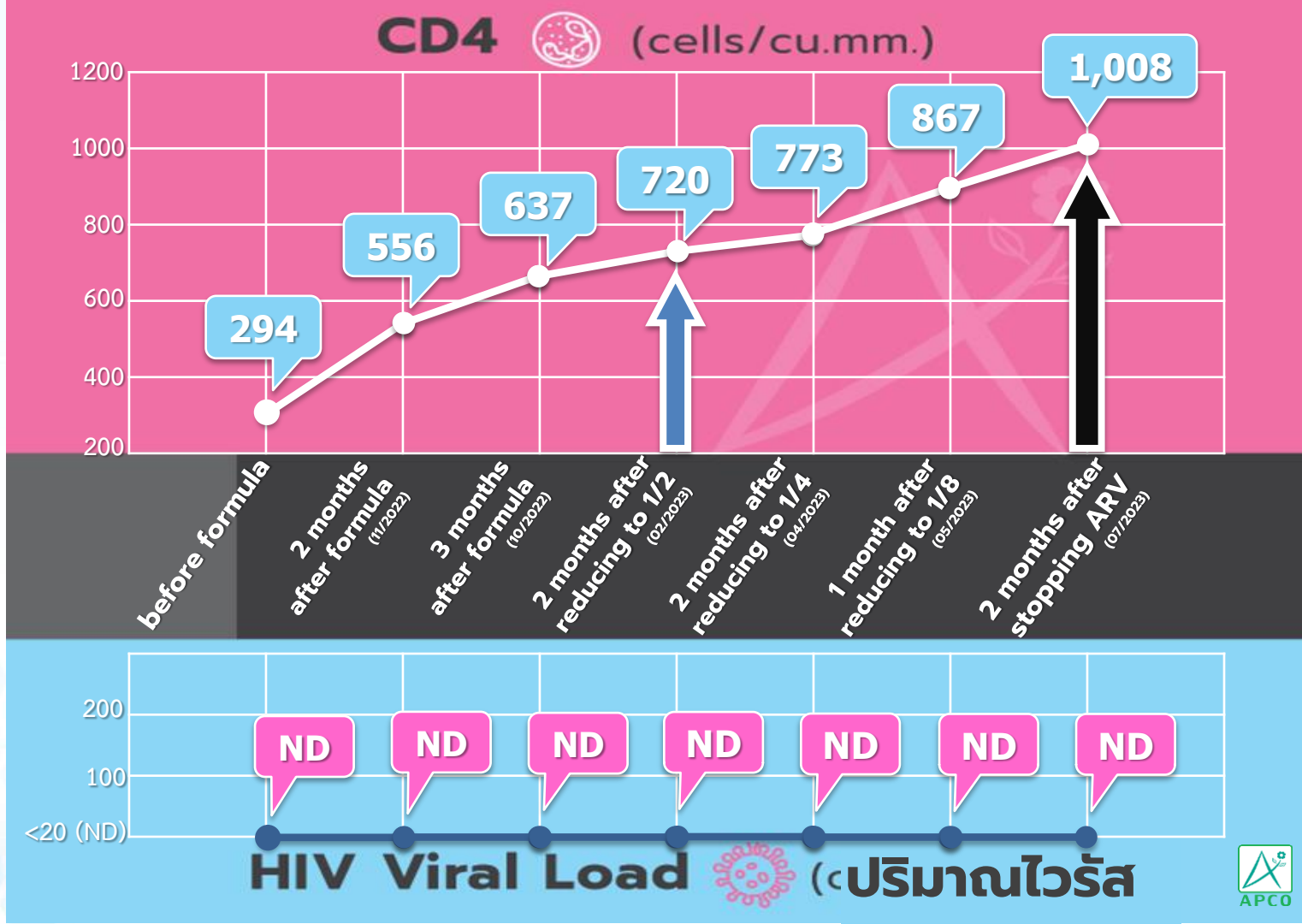
20





Ms.Fai

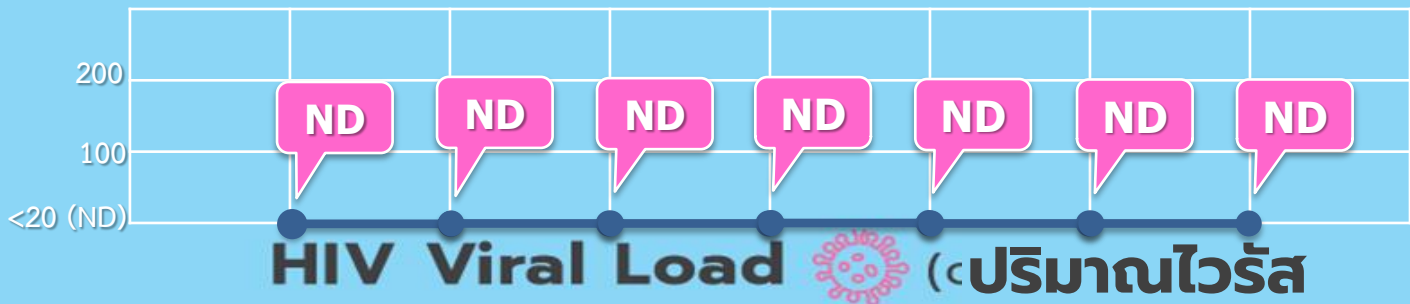
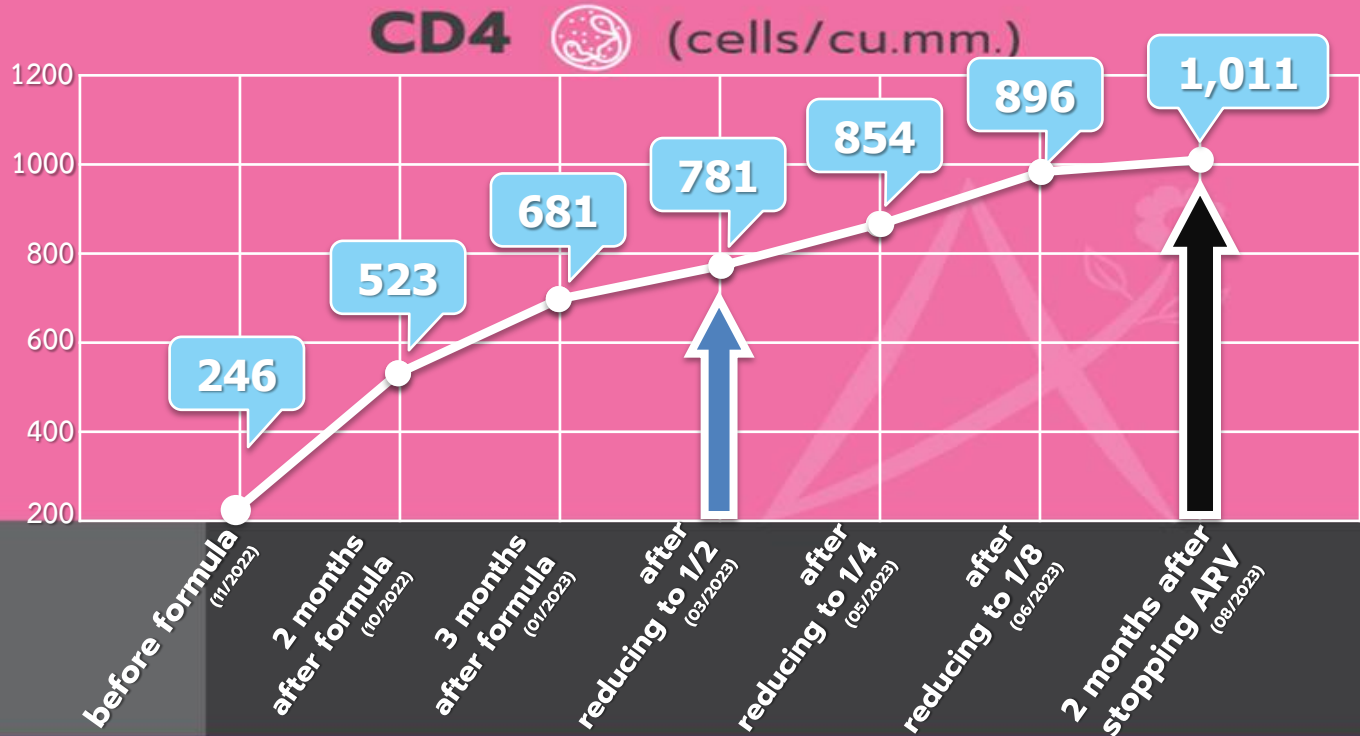
21





Ms.Namhom

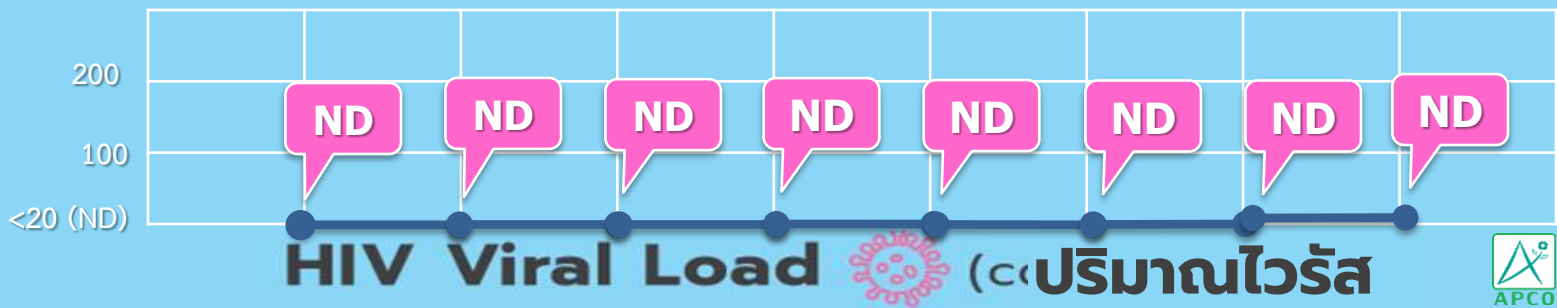
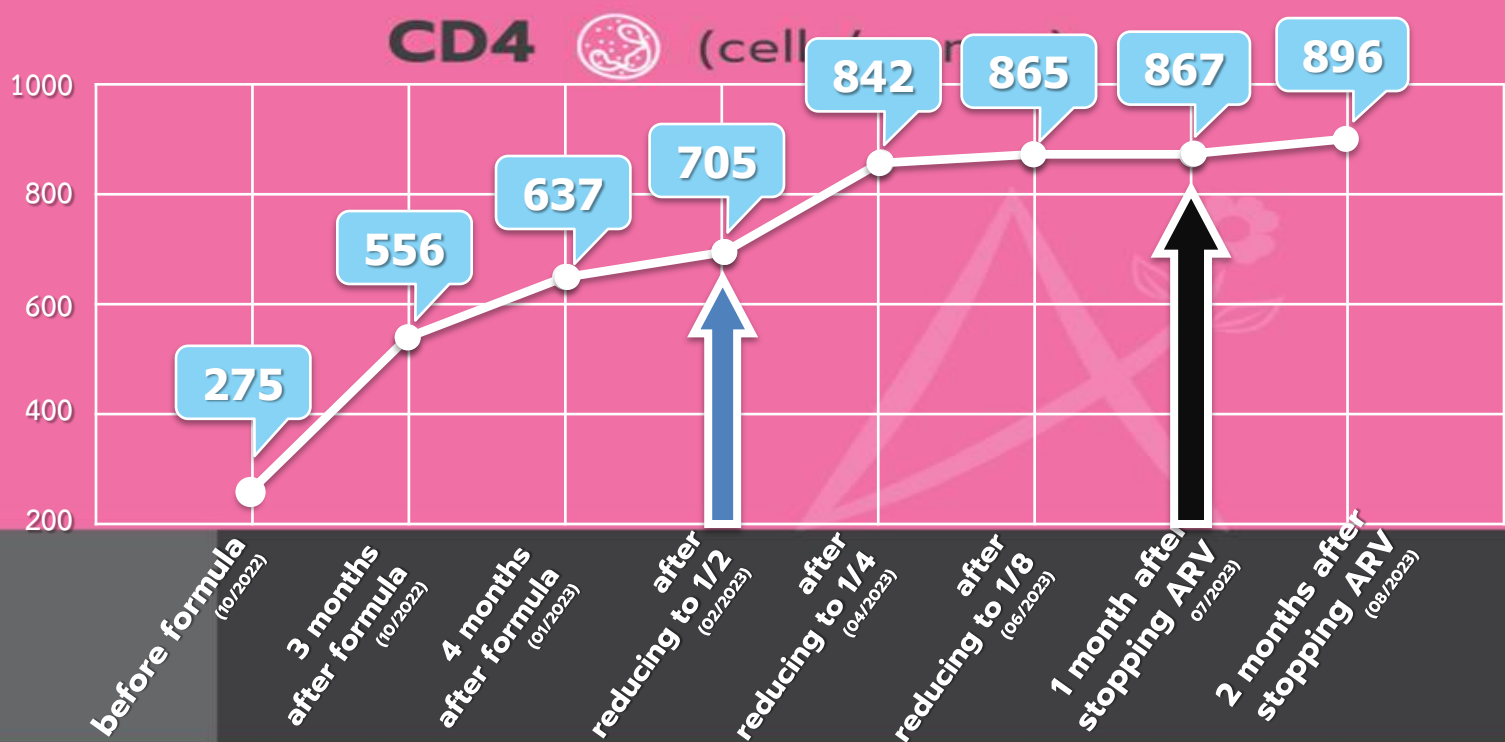
22





Ms.Nokyong

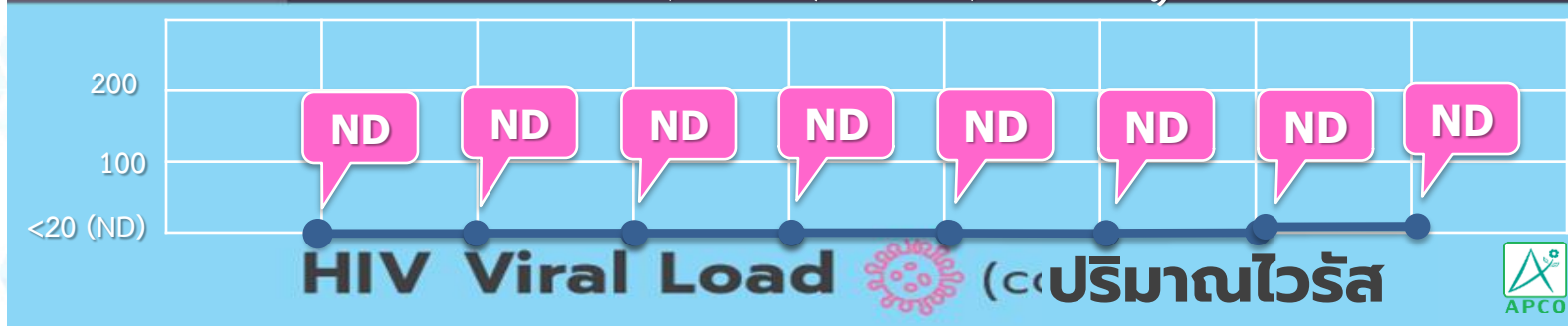
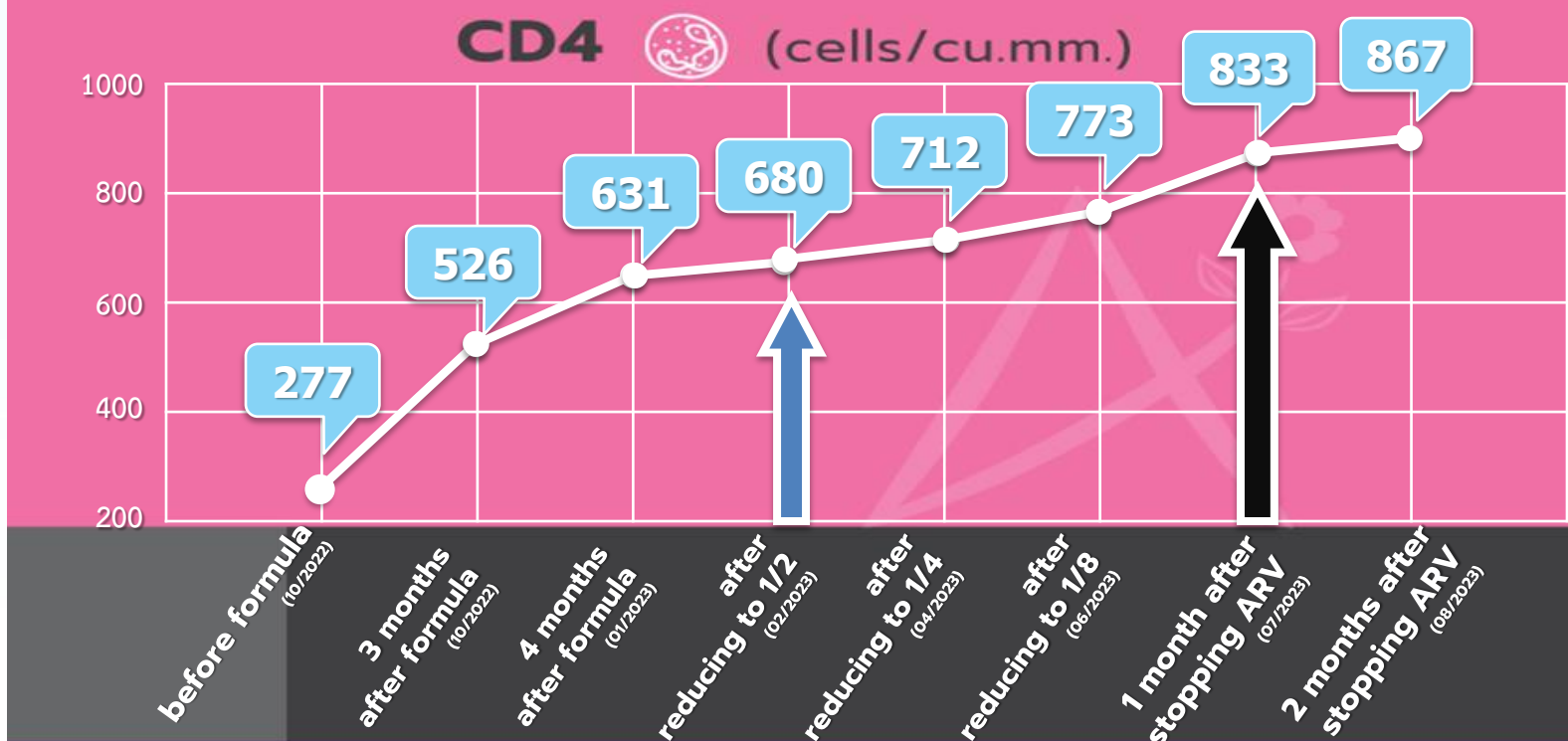
23





Ms.Khwan

24

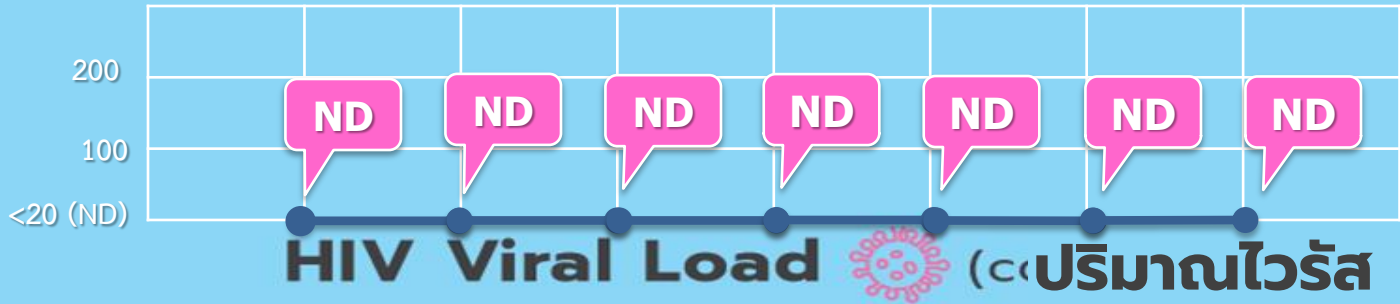
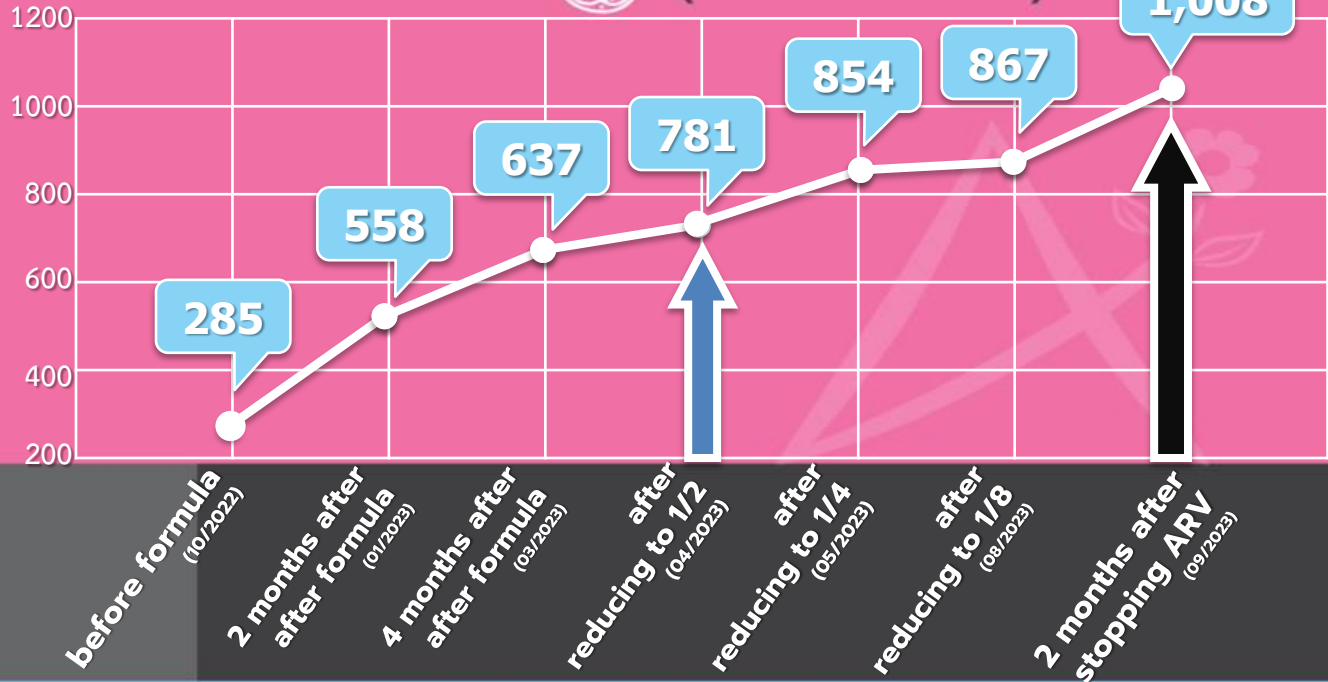




Ms.Nun

25

CD4 (cells/cu.mm.)



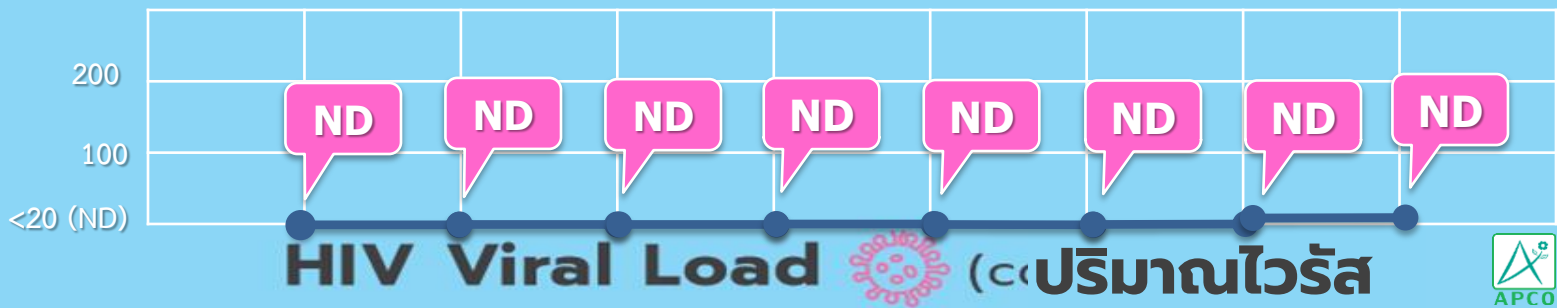
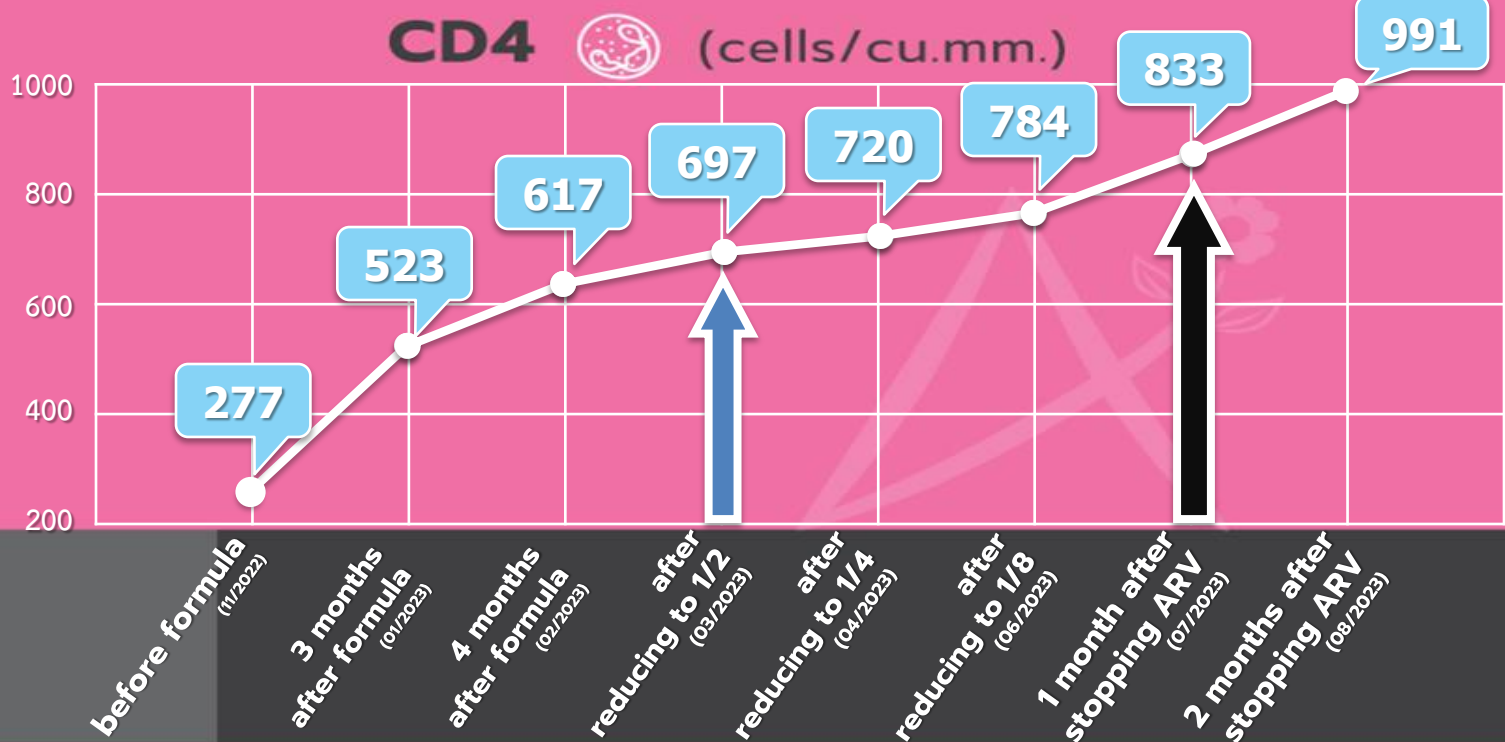
HIV Viral Load (ปริมาณไวรัส)



Ms.Ploy

26

CD4 (cells/cu.mm.)



HIV Viral Load  (ค่าปริมาณไวรัส)

Latest Development

Two successful ByeByeHIV individuals have volunteered to act as counselors to those who want to ByeByeHIV, leading to a significantly higher number of successful cases of ByeByeHIV.



What's Next

APCO plans to increase the number of ByeByeHIV counselors both in Thailand and overseas with the aim to end the HIV/AIDS epidemic.



Bye Bye HIV

with Thai Innovation