



Vietnam experiences in the strategy of Covid-19 elimination Testing and Tracing

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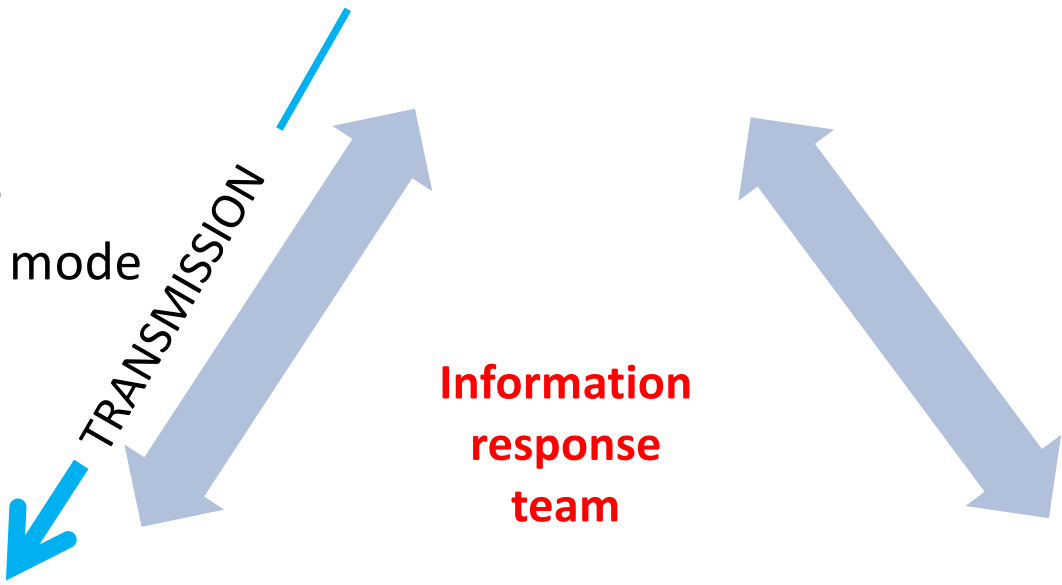


Pathogen

- pathogenicity
- NEW to all



•To know the transmission mode



Host

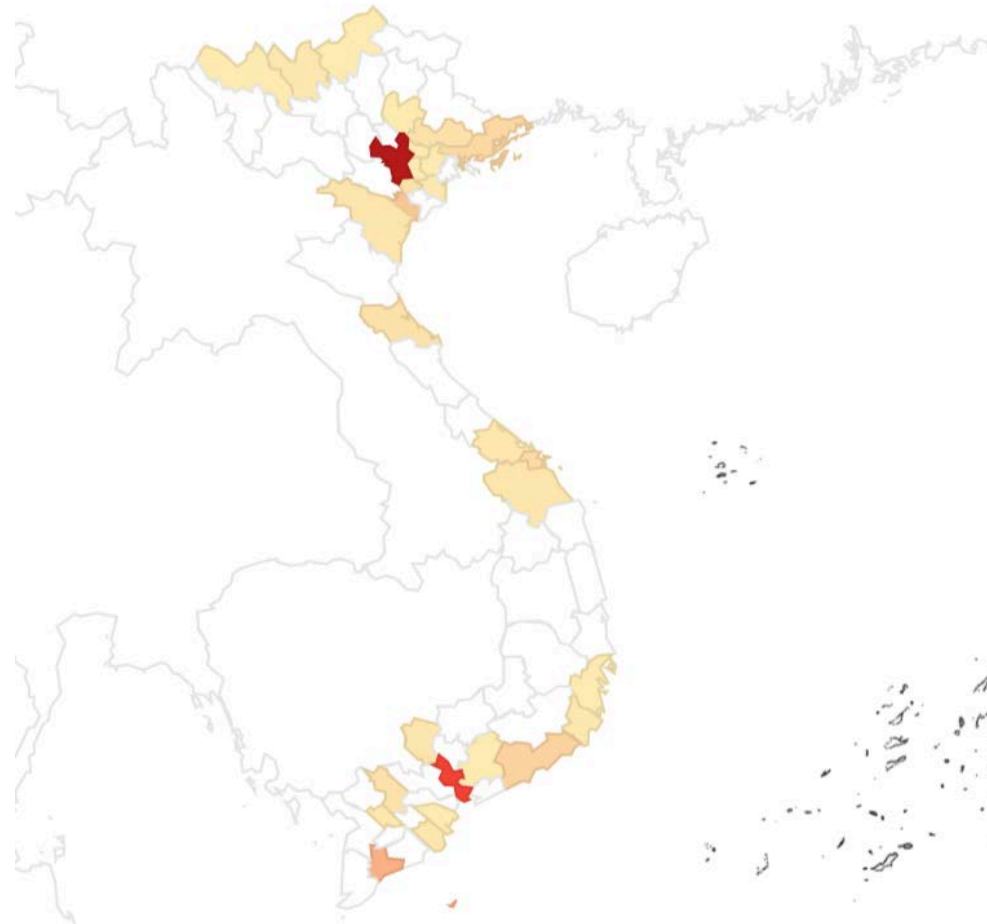
- Susceptibility
- Exposure factors
- Social factors

Enviroment

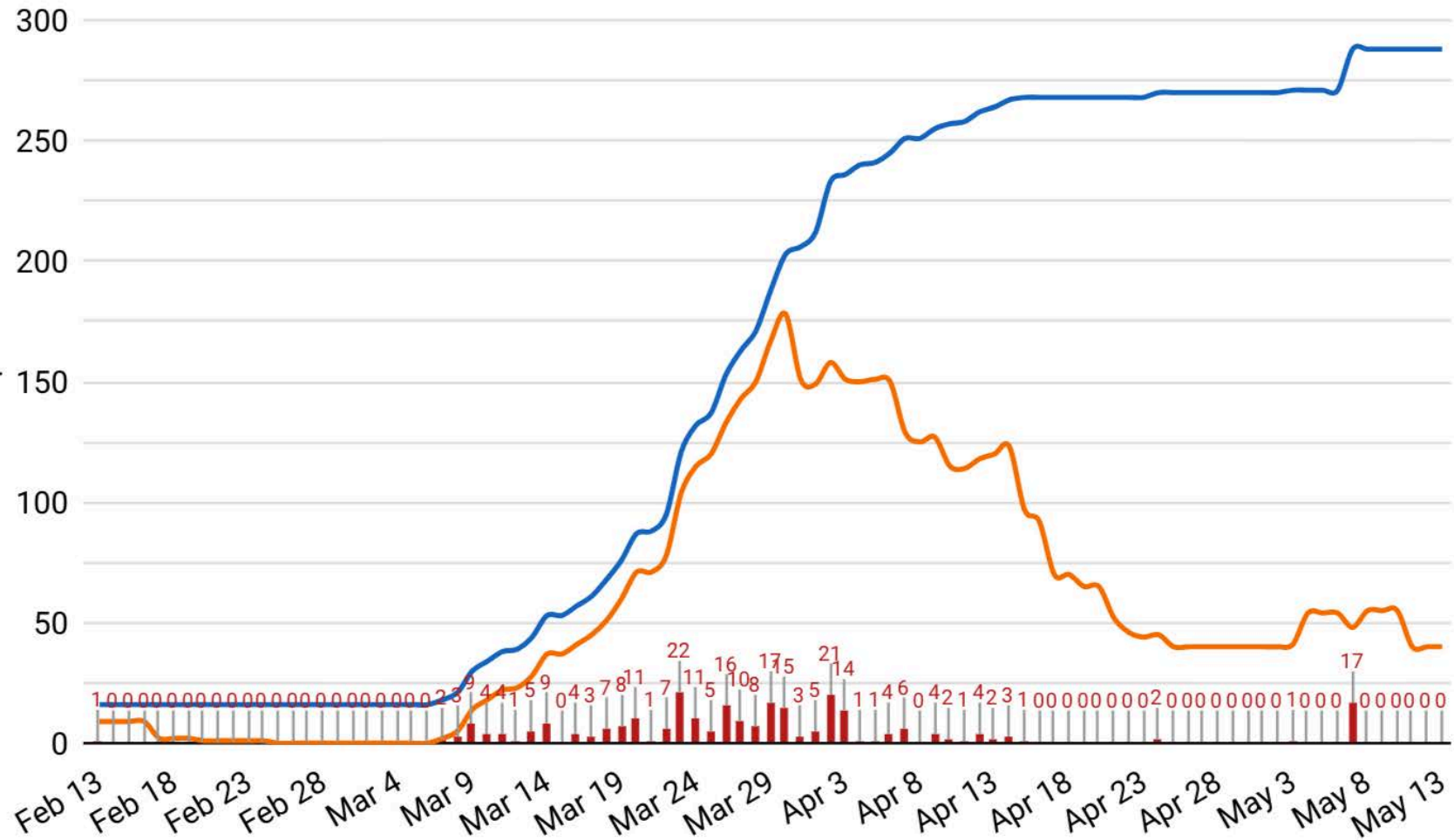
- Condition for sustain the virus and transmission

Vietnam situation report

- RECOVERED: **353**
- IN HOSPITAL: **28**
- TOTAL **381**
- Imported: 71.6%
- Death: 0

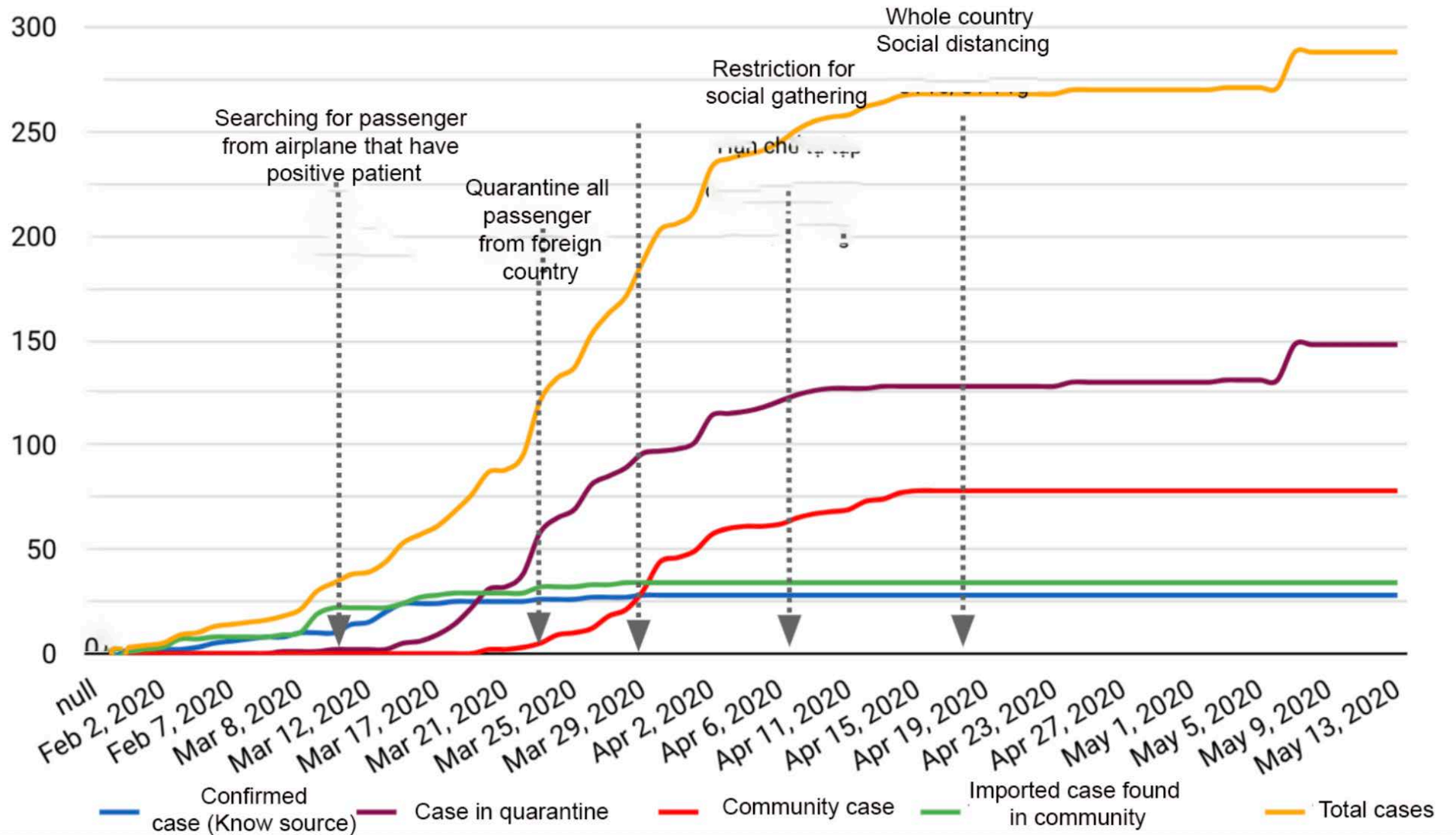


Case distribution by day

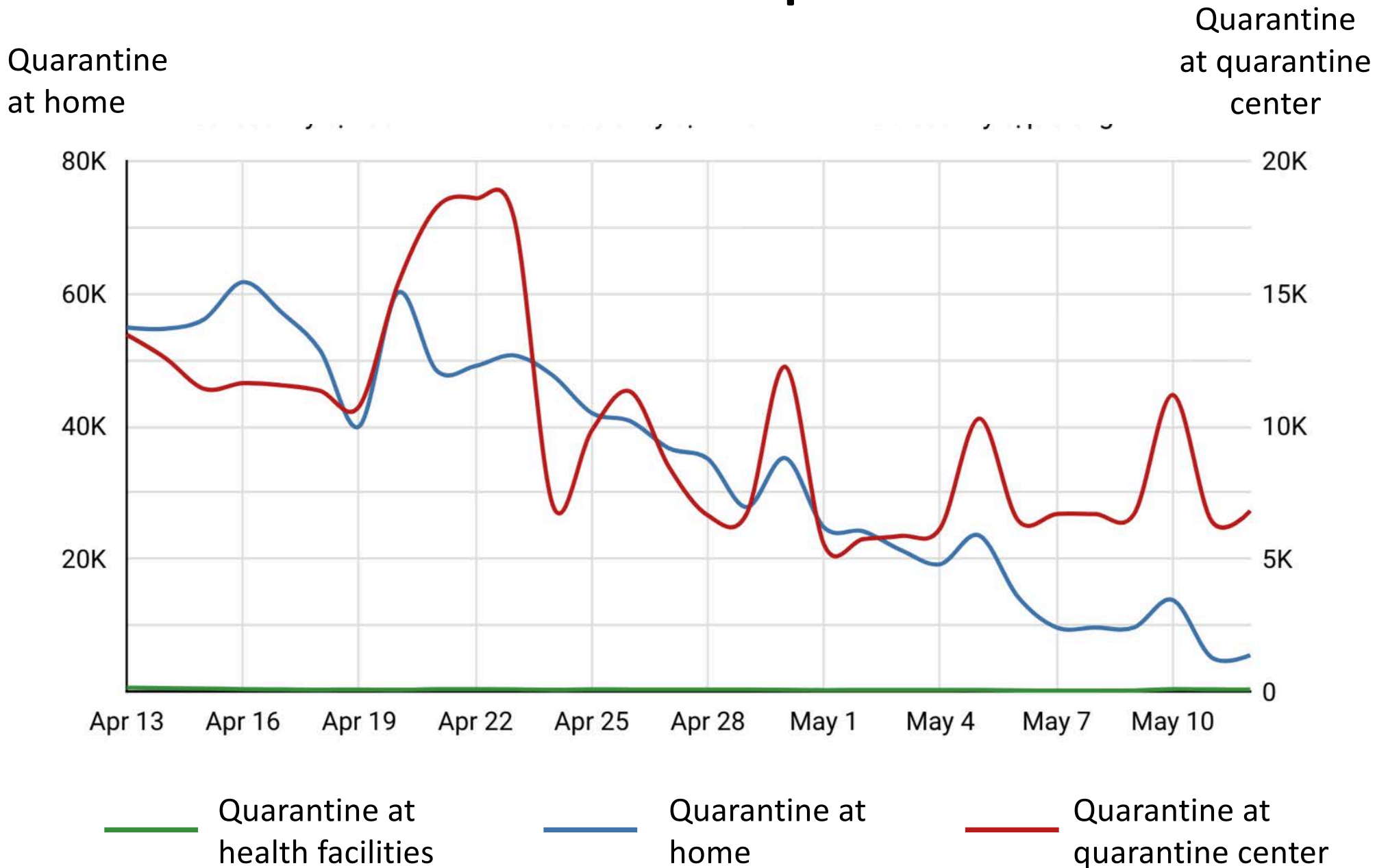


— Total ■ Incident — Total in hospital

Cases by source of infection



Distribution of quarantine



Area Lockdown

13/02/2020 Sơn Lôi commune lockdown

Patients 17 arrived (index)

6/3 Truc Bach street lock down

13/3 Phan Thiet/Binh Thuan (2 streets)

17/3 Văn Lâm 3, Phước Nam commune, Thuận Nam district (Ninh Thuận) lockdown

23/3 fully lock down Thua Loi hamlet, Ben Tre

28/3 fully lock down Bach Mai hospital Doc 1702/BCĐ

Lockdown 2/4 Chi Trung village, Van Lam, Hung Yen

Lockdown 7/4 Ha Loi village, Me Linh, Ha Noi

22/4 Lockdown Dong Van district, Ha Giang

13/2

269/QĐ-UBND date 12/2/2020 Vinh Phuc Emergency

2/3

\

4/3

Finish Son Loi lockdown (21 days)

6/3

13/3

17/3

20/3

20/3 Truc Bach lock down finished (14 days)

28/3

Contact tracing all people realte to Bach Mai hospital

2/4

3/4

3/4 Finish Phan Thiet/Binh Thuan (2 streets) lockdown

7/4

11/4

11/04 Finish lock down Bạch Mai (14 days)

14/4

14/4 Văn Lâm 3, Phước Nam commune, Thuận Nam district (Ninh Thuận) at 20:00 (21 days)

20/4

20/4 finish lock down Thua Loi hamlet, Thua Duc, Binh Dai, Ben Tre (28 days)

22/4

23/4

23/4 Finish lockdown Dong Van district, Ha Giang when all test negative but one patient

30/4

30/4 Finish lockdown Van Lam district, Hung Yen (28 days)

6/5

6/5 Finish Ha Loi lockdown (28 days)



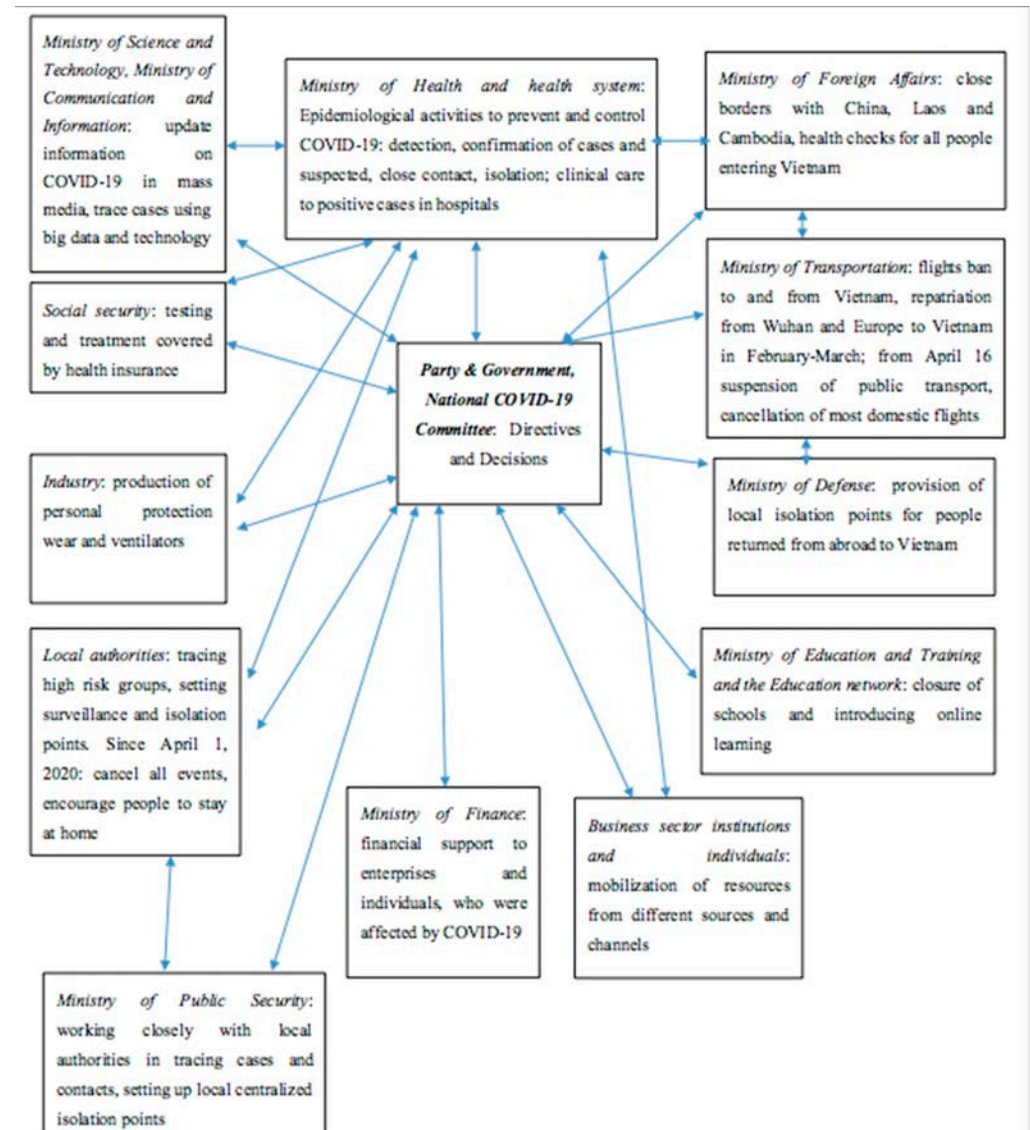
Rapid Response

1. EBS active – outbreak in China recorded in early December
2. Catch the first case in Late January
3. Taskforce Group established on 30 January
4. Stop National even, festival (many after Tet holiday)
5. Directive and decision on strengthening measures to prevent and combat COVID-19
6. Evidence base decision and not wait for WHO guideline



Clear Leadership

1. Fighting the epidemic is like fighting an enemy
2. Clear message: “the government is willing to sacrifice economic benefits in the short term for the health of the people and work with principles that do not leave anyone behind.





Supported Clinical Care and Emergency Public Health Response (1)

1. Ministry of Health played a critical role
2. The Emergency Public Health Operations Center was activated at all level
3. Detection of cases, isolation, tracing cases, and the surveillance of suspected cases and close contact groups
 1. compulsory for everyone entering from China from 25 January 2020
 2. for all people arriving from elsewhere from 7 March 2020
 3. suspend visa exemption and restrict entry
 4. concentrated isolation with people who entered from or through epidemic areas and with everyone who entered from 21 March 2020

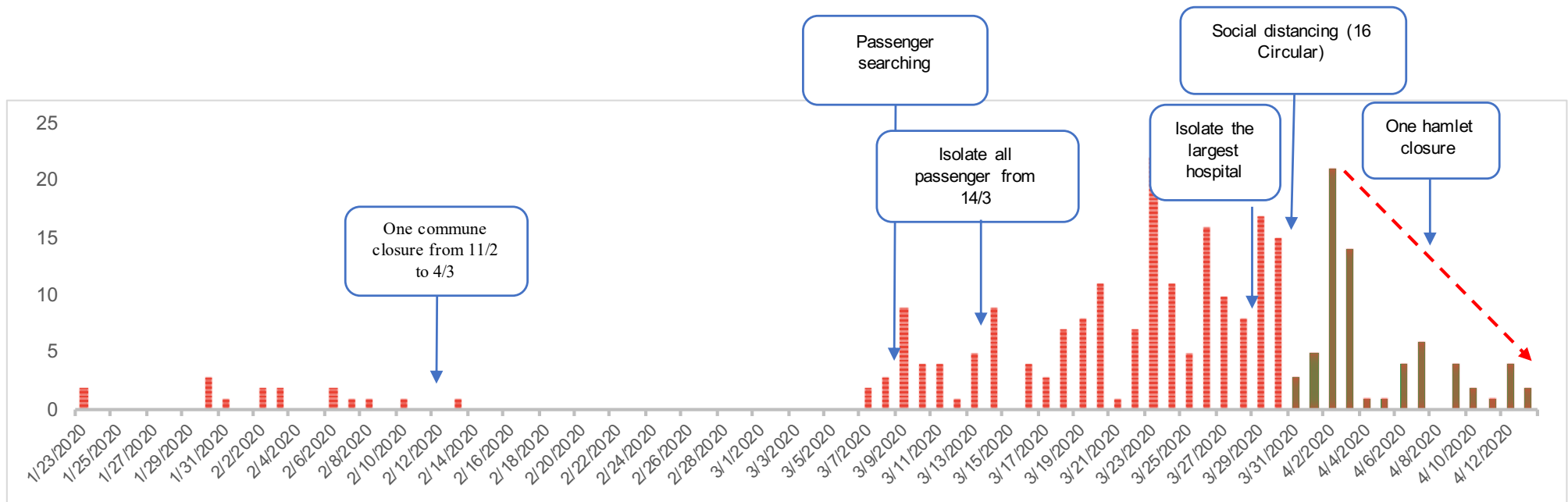


Figure 1. Epi curve of COVID-19 by sample date in Vietnam (n=265)

73 flights have COVID-19 patients

34 flights have to quarantine the whole passengers



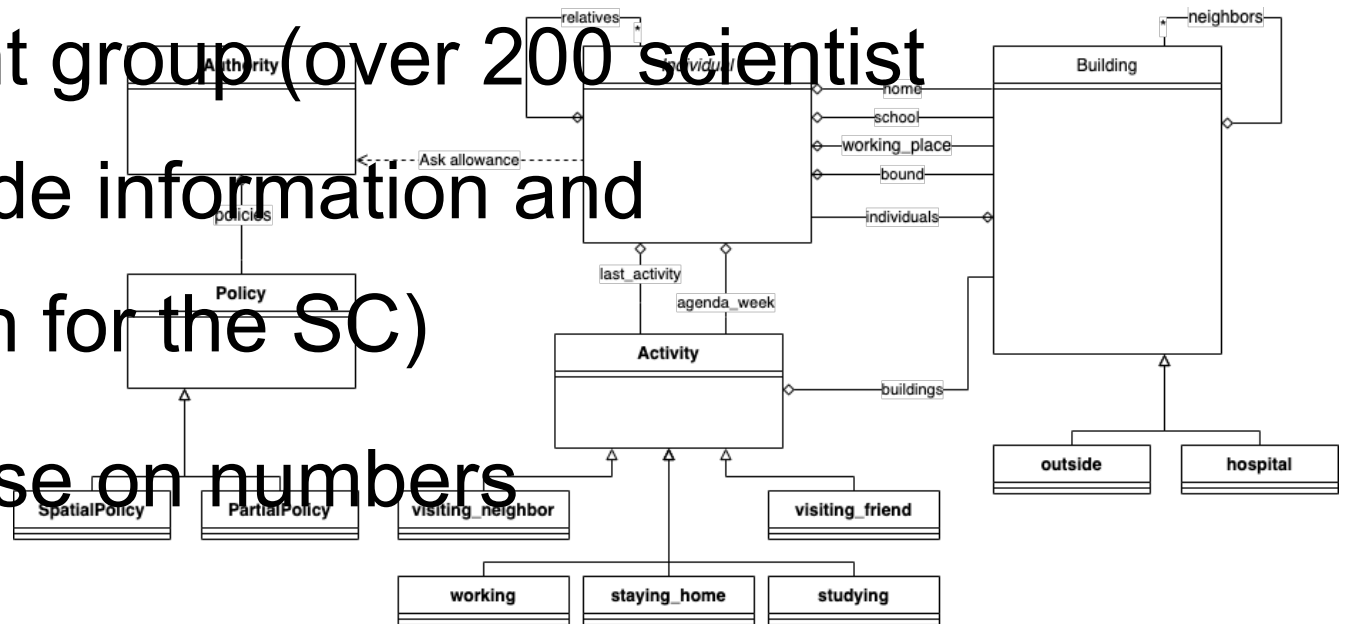
Test test and test and know the challenges

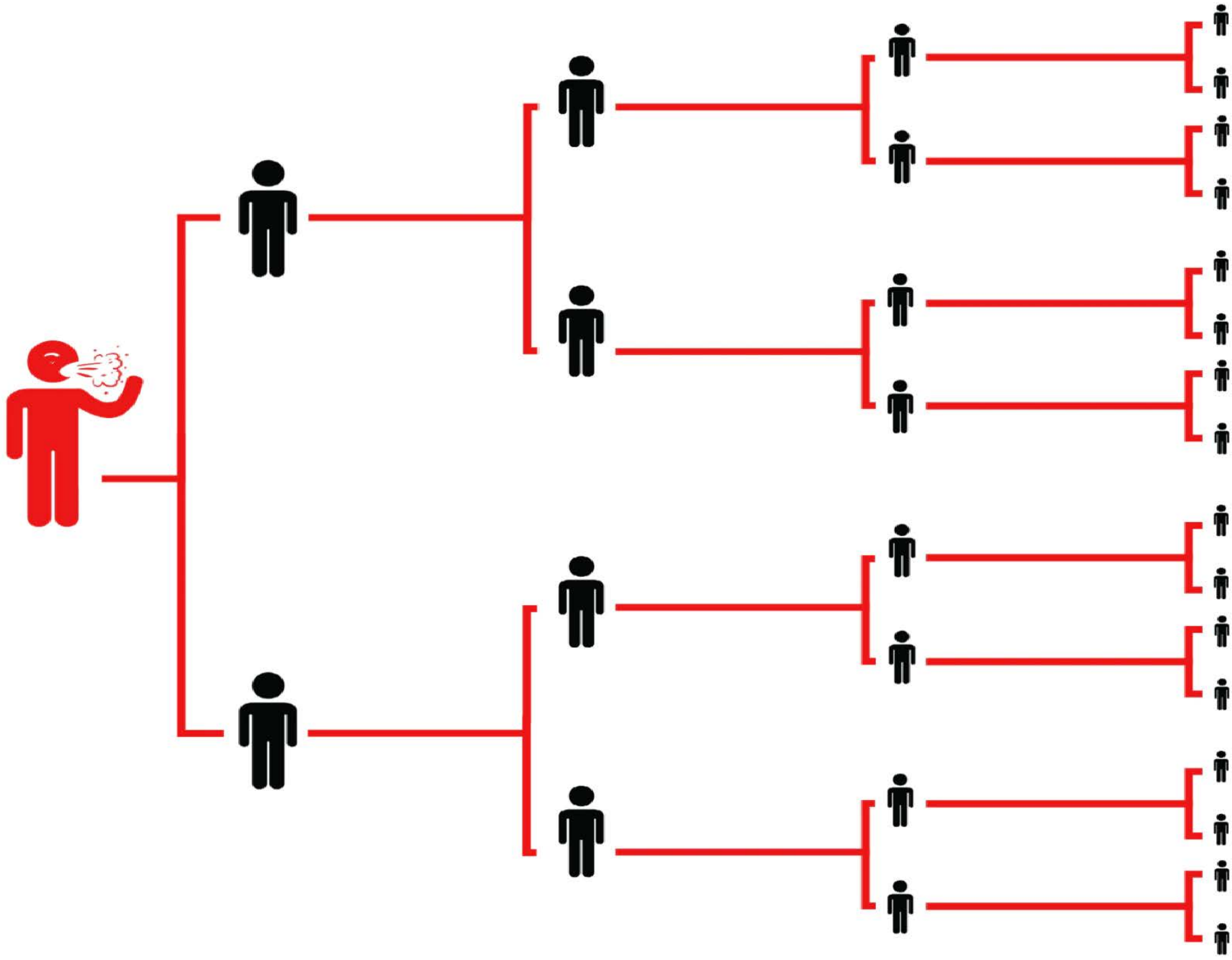
1. The lack of medical equipment (ventilators in ICU)
2. Lack of personal protective equipment (masks and gowns) for medical staff in the hospitals
3. The decision for extend testing capacity
 1. 4 institutes at beginning
 2. 120 Lab facilities currently
 3. ~400.000 test done (1 positive per 1000 test)

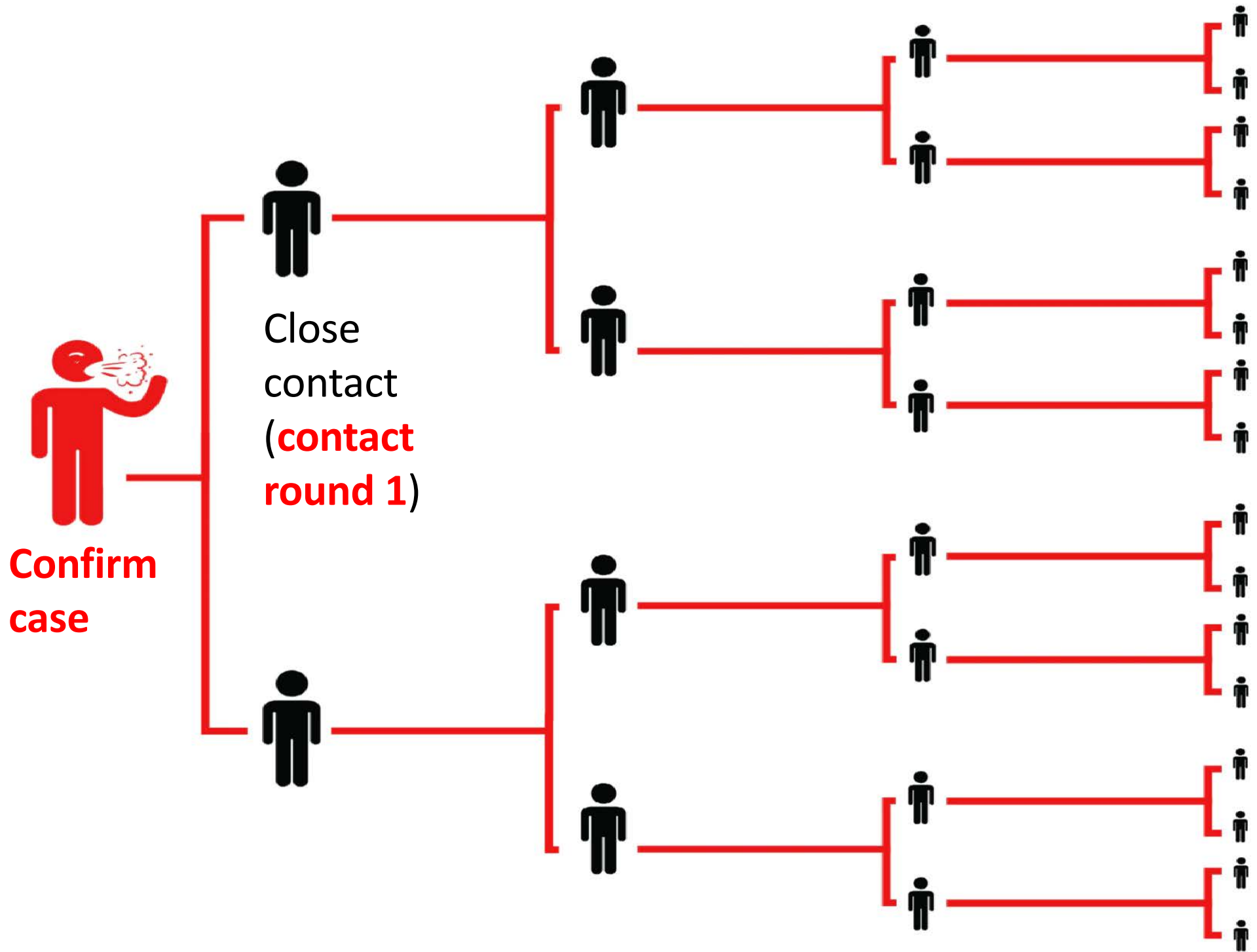


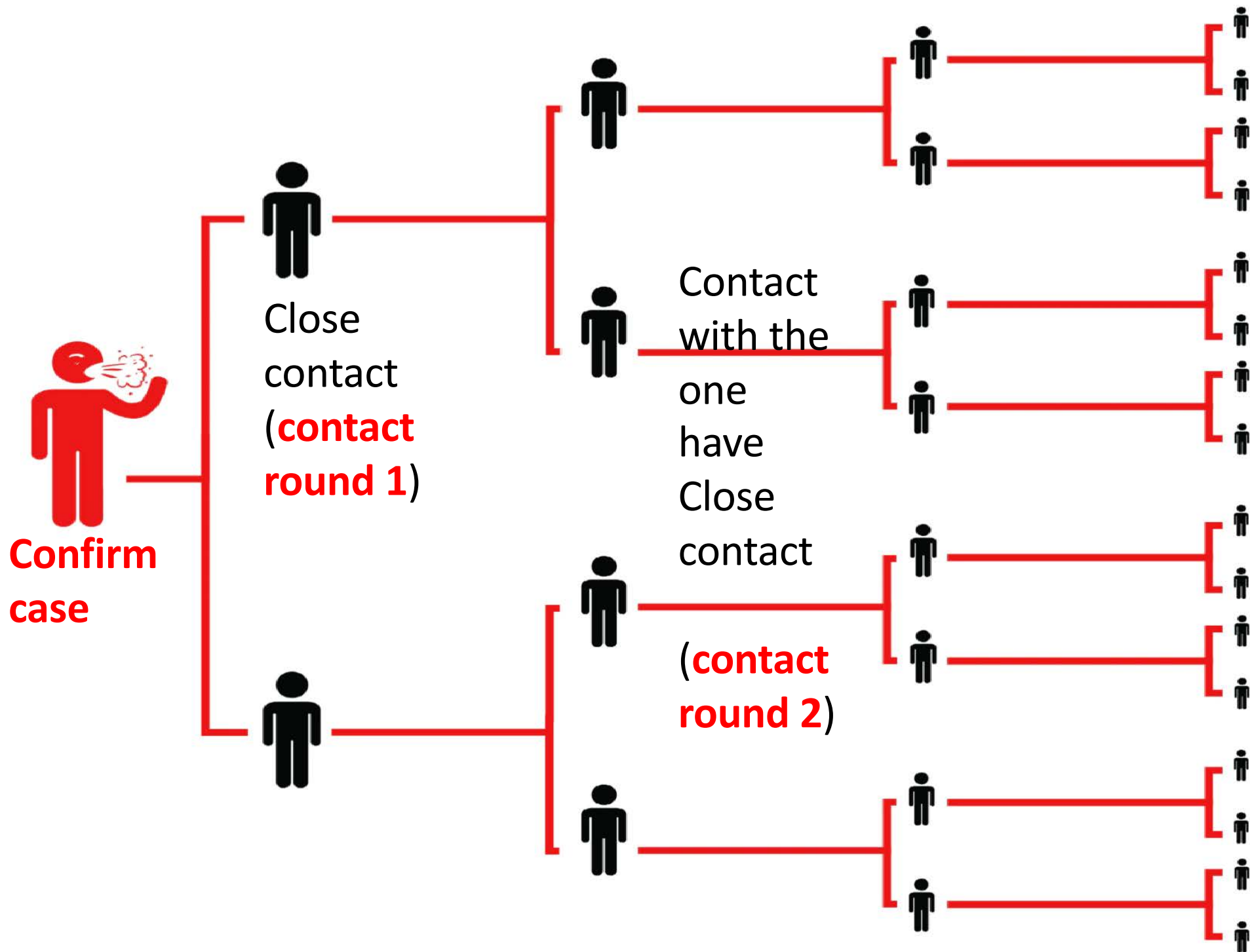
Technology could help

1. New app launch to help self report and epidemic report
2. New app help contact tracing
3. Risk database (30 group of risk variable)
4. Risk assessment group (over 200 scientist working to provide information and recommendation for the SC)
5. The decision base on numbers











Treatment: leave no one behind

1. Treatment with the change form world experience
2. Longer observation (14+14+)
3. Test and test
4. Clear guild line

Lesson learned



BASE ON SELF
CAPACITY (E.G
TESTING)



STRONG
SURVEILLANCE
NETWORK



TRANSPARENCY



KEEP LEARNING



Xin trân trọng cảm ơn!

Thanks you for your
attention

